

# Bridgemate® II

## Bridgemate II Scoring system Manual

### Chapter 8: Using Bridgemates with ACBLscore



- Bridgemate normally operated by North
- When “Verification by East or West” appears, East or West must verify.
- Traveler should be viewed by all silently.

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Every user should read and take notice of the Safety Instructions printed on page 3 of this manual.

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## Limited warranty

**IMPORTANT—PLEASE READ THIS LIMITED WARRANTY CAREFULLY TO UNDERSTAND YOUR RIGHTS AND OBLIGATIONS!** The term “Hardware Device” means the Bridge Systems hardware product. The term “You” means either an individual or a single legal entity who will be referred to in this Limited Warranty as “You” and “Your”.

### A. WARRANTIES.

1. **Express Warranty.** Subject to the terms and conditions of this Limited Warranty and in lieu of any other (if any) express warranties, Bridge Systems warrants that under normal use and service, on the date of acquisition as shown on Your receipt or similar proof of payment and for the period of time stated below for the applicable Hardware Device (hereafter each defined as the “Warranty Period”), that the Hardware Device will substantially conform with the accompanying Bridge Systems packaging and documentation. As to any defects discovered after the Warranty Period, there is no warranty or condition of any kind.

#### Warranty Period:

For all hardware parts of the Bridgemate Scoring System: one (1) year.

This Limited Warranty does not cover, and no warranty of any kind is provided with respect to any subjective or aesthetic aspects of the Hardware Device. The express warranty stated above is the only express warranty made to You and is provided in lieu of all other express or implied warranties and conditions (except for any nondisclaimable implied warranties that exist), including any created by any other documentation or packaging. No information or suggestions (oral or in a record) given by Bridge Systems, its distributors, agents, affiliates or suppliers or its or their employees or agents, shall create a warranty or condition or expand the scope of this Limited Warranty.

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The above remedy is subject to the following:

Any repaired or replaced Hardware Device will be new or refurbished or serviceably used, comparable in function and performance to the original Hardware Device, and may include third party items;

Any Hardware Device repaired or replaced under this Limited Warranty will be warranted for the remainder of the original Warranty Period or 30 days from the date of shipment of the item back to You, whichever is longer.

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- is damaged by programs, data, viruses, or files, or during shipments;
- is not used in accordance with the accompanying documentation and use instructions; or
- is repaired, modified or altered by other than a Bridge Systems authorized repair center and the unauthorized center causes or contributes to any defect or damage.

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**H. FURTHER INFORMATION.** Bridge Systems is the warrantor under this Limited Warranty. To receive instructions for obtaining performance of this Limited Warranty You must either contact the local Bridgemate distributor serving your country, or write to: Bridge Systems BV, Postal Box 21570, Rotterdam, 3001 AN, The Netherlands, or visit Bridge Systems on the World Wide Web at [www.bridgemate.com](http://www.bridgemate.com).

You must also:

1. Submit proof of payment in the form of a bona fide, dated receipt, or invoice (or a copy) evidencing that You are the beneficiary of this Limited Warranty and that Your request for a remedy is made within the Warranty Period;
2. Follow Bridge Systems' shipping and other instructions if it determines that all or part of your Hardware Device requires return. To obtain the Limited Warranty performance, you must take or deliver the item in either its original packaging or packaging that provides an equal degree of protection to the location specified by Bridge Systems. Except as otherwise required by legislation in your jurisdiction, costs associated with transport (including packaging) for warranty service shall be at Your expense.

Failure to follow the above instructions may result in delays, cause you to incur additional charges, or may void your warranty.

This Limited Warranty gives You specific legal rights and You may also have other rights which vary from jurisdiction to jurisdiction. Where any term of this Limited Warranty is prohibited by such laws, it shall be null and void, but the remainder of the Limited Warranty shall remain in full force and effect if its allocation of risks is not materially disturbed.

# Safety instructions

## Important safety warning

Failure to properly set up, use, and care for the Bridgemate system can increase the risk of serious injury or death, or damage to the system. Read this manual and the manuals of any peripherals for important safety and health information. Keep all manuals for future reference. For replacement manuals, go to [www.bridgemate.us/media/downloads/bm-ii-manual.pdf](http://www.bridgemate.us/media/downloads/bm-ii-manual.pdf) or contact Bridgemate.US.

### Select a safe location for the Bridgemate server and scoring devices

If the Bridgemate server or Bridgemate II scoring devices falls and hits someone, it could cause serious injury. To reduce the risk of such injuries and damage to parts of the system, set them up according to these instructions and place them on a surface that:

- Is flat and level.
- Is stable and not likely to tip over.
- Allows all four feet of both the server and scoring device to be in contact with the surface.
- Is not likely to allow the server and scoring device to slip or slide off.
- Is clean and free of dust and debris.

If the surface or feet of server or scoring devices become dirty or dusty, clean them with a dry cloth.

Arrange all cables and cords so that people and pets are not likely to trip over or accidentally pull on them as they move around or walk through the area. When the Bridgemate server is not in use, you may need to disconnect all cables and cords from the server to keep them out of the reach of children and pets. Do not allow children to play with cables and cords.

Do not place any part of the Bridgemate system on a bed, sofa, or other soft surface. Do not place any part near heat sources, such as radiators, heat registers, stoves, or amplifiers.

**Avoid smoke and dust:** Do not use the Bridgemate Scoring system in smoky or dusty locations. Smoke and dust may damage the Bridgemate server and scoring devices.

### Insert batteries into the Bridgemate II scoring devices and server

**WARNING** Improper use of batteries may result in battery fluid leakage, overheating, or explosion. Released battery fluid is corrosive and may be toxic. It can cause skin and eye burns, and is harmful if swallowed. To reduce the risk of injury:

- Keep batteries out of reach of children.
- Do not heat, open, puncture, mutilate, or dispose of batteries in fire.
- Do not mix new and old batteries or batteries of different types (e.g., carbon-zinc and alkaline batteries)
- Remove the batteries if they are worn out or before storing your Bridgemate system for an extended period of time. When removing batteries from the Bridgemate or server do not use your fingers or finger nails to remove the batteries; use a blunt object like a screwdriver or pen to safely remove the batteries.
- If a battery leaks, remove all batteries, taking care to keep the leaked fluid from touching your skin or clothes. If fluid from the battery comes into contact with skin or clothes, flush skin with water immediately. Before inserting new batteries, thoroughly clean the battery compartment with a damp paper towel, or follow the battery manufacturer's recommendations for cleanup.
- Dispose of batteries in accordance with Local and National Disposal Regulations, including those governing the recovery and recycling of waste electrical and electronic equipment (WEEE).

### Remove batteries aboard aircraft

Before boarding any aircraft or packing Bridgemate scoring devices or server in luggage that will be checked, remove all batteries. The Bridgemate server and terminals can transmit radio frequency (RF) energy, much like a cellular telephone, whenever batteries are installed.

### Do Not Attempt Repairs

Do not attempt to take apart, service, or modify the Bridgemate server, Bridgemate scoring devices, power supply, or its peripherals in any way. Doing so could present the risk of serious injury or death from electric shock or fire, and it will void your warranty.

Any evidence of any attempt to open and/or modify the Bridgemate system, including any peeling, puncturing, or removal of any of the labels, will void the Limited Warranty and render the Bridgemate system ineligible for authorized repair.

### Disposal of Waste Electrical and Electronic Equipment in the European Union and other countries/regions with separate collections systems

This symbol on the product or its packaging means that this product must not be disposed of with household waste. Instead, it is your responsibility to hand this over to an applicable collection point for the recycling of electrical and electronic equipment. This separate collection and recycling will help to conserve natural resources and prevent potential negative consequences for human health and the environment, which inappropriate disposal could cause due to the possible presence of hazardous substances in electrical and electronic equipment. For more information about where to drop off electrical and electronic waste, contact your local city/municipality office, your household waste disposal service, or the shop where you purchased this product.



# Introduction

Thank you for purchasing your Bridgemate® II scoring system. Bridgemate II is an advanced electronic scoring system for bridge clubs and tournaments, designed to enhance the enjoyment of bridge. Bridgemate II automatically registers board results. The scores are verified and fed to the central PC. Tournament directors will value the user-friendly features of Bridgemate II, as it enables them to focus fully on their core tasks.

This manual describes the operation of the Bridgemate Scoring system, including the central software program, the server and the Bridgemate scoring devices. This manual serves as an addition to the manual supplied with your scoring program. As the Bridgemate Scoring system operates independently from the scoring program, this manual includes instructions for operating ACBLscore – but not other scoring programs.

This manual consists of the following chapters:

- The components of the Bridgemate Scoring system are explained in Chapter 1. A brief and concise explanation is given of the individual components and how they relate to each other.
- Chapter 2 explains how to configure and install the Bridgemate II software and hardware and how to configure the Bridgemates per section and table. This chapter also explains how to set the radio channels to enable wireless data exchange.
- Chapter 3 explores the use of the Bridgemate Control Software in more detail.
- Chapter 4 explains the different Bridgemate Control Software options offered by the Bridgemate II server.
- Use of the Bridgemate II scoring devices is explained in Chapter 5.
- Chapter 6 highlights the additional functions for the Bridgemate.
- Chapter 7 contains tips on how to operate the Bridgemate II scoring system when multiple bridge clubs are playing simultaneously in one room. Practical advice is also offered on how to deploy Bridgemate II in big tournaments, involving different rooms and/or multiple servers.
- Chapter 8 describes using the Bridgemate system with ACBLscore.

## Version numbers

This manual covers the following versions of the Bridgemate II components:

Bridgemate Control Software	3.1.2	
Bridgemate USB server	2.1.3d	(firmware version)
Bridgemate II scoring devices	2.1.2	(firmware version)

## Download Software and Firmware

Bridgemate software and firmware as well as installation instructions may be downloaded from [www.bridgemate.us](http://www.bridgemate.us)

### Notes:

Bridgemate Control Software (BCS) 3.1.2 is compatible with Windows 10. Windows .NET framework 4.0 (or later) is required to install v3.1.2. If Windows .NET framework software is required on your computer, BCS will display a warning message. Download the software from one of these sites.

- Windows XP:  
<https://www.microsoft.com/en-us/download/details.aspx?id=17718>
- Windows Vista SP2, Windows 7 SP1, Windows 8/8.1:  
<https://www.microsoft.com/en-us/download/details.aspx?id=42642>

# Chapter 1: Description Bridgemate II scoring system

This chapter describes the components of the Bridgemate II scoring system and how they relate to each other. It also explains how to use the Bridgemate II: from creating a session in your scoring program to registering the scores in the scoring program.

Please read this chapter carefully. Once you understand the function of the individual components and how they relate to each other, you will quickly get to grips with the Bridgemate II scoring system.

## ***Description of components***

The Bridgemate II scoring system consists of the following hardware and software:

- Bridgemate II scoring devices
- Bridgemate II server + USB cable
- Data cable for connection between Bridgemate terminals and the server
- Bridgemate Control Software



**Bridgemate II Scoring Device**



**Bridgemate II Server + USB Cable**



**Data cable**

### **Bridgemate II scoring devices**

The Bridgemate II scoring devices are placed on the bridge table and are used to enter the results. For the purpose of simplicity, we shall refer to these input devices as "Bridgemates". Wireless communication between the Bridgemates and the server is established and maintained using radio frequency waves. Only one Bridgemate is required per table. The use of the Bridgemates is explained in more detail in Chapter 5.

### **Bridgemate II server**

The Bridgemate II server, "server" for short, is a small device connected to the PC. It acts as a bridge between the PC and the Bridgemates. As the PC cannot communicate directly with the Bridgemates, the server is a vital component. The server is equipped with a transmitter and a receiver, establishing and maintaining wireless data communication with the Bridgemates. The server sends all movement data to the Bridgemates, including board numbers and pair numbers, and receives the board results in return. The server can control up to 256 Bridgemates simultaneously. The server connects to the computer using a USB cable.

### **Data cable**

Both the USB server and Bridgemates II are equipped with a small round connector – to accommodate the cable. This cable may be used in the future for diagnostic purposes. At this time, however, it is not being used except for a special European "Mind Games" tournament setup.

### **Bridgemate Control Software**

A specific program is required to control the server from the PC: Bridgemate Control Software (BCS). This program runs on Windows 2000 SP3 or higher and is controlled in part by your scoring program. BCS fully controls the server and data exchange between the server and the PC. BCS first saves all the relevant session data used by the server to control the Bridgemates. BCS then retrieves all entered board results from the server and stores these in the result file. All other server controls are also executed from BCS.

In addition, the following three components are important. Although they are not supplied together with your Bridgemate II scoring system, they are of crucial importance to the correct operation of the system.

- Client (=Personal computer with Bridgemate Control Software)
- Result file
- Scoring program

### Client

Bridgemate Control Software runs on a so-called “client” (Windows-based) personal computer (PC). The scoring program and BCS usually run on one client PC, to which the server is also connected. During big tournaments, multiple servers may be required to support the high number of Bridgemates and/or to establish and maintain the wireless communication between the server and the Bridgemates. In this case, the servers are connected to a network PC, and the network consists of multiple clients.

Note: The term “client” suggests that the Bridgemate II scoring system also consists of a PC network server. This is not the case. All (network) PCs running the Bridgemate II scoring system are known as clients.

### Result file

The result file is created by the scoring program. It contains all the session data, including sections, tables, movements, etc. This data is generated by the session configured in the scoring program. BCS reads this session data and feeds the correct data to the server. During the session, BCS reads all the board results entered in the server and saves these in the result file. All Bridgemate II result files have the file extension **.bws**.

### Scoring program

The scoring program creates the session and calculates the scores. After you have created a session, the scoring program will create the abovementioned result file. This file contains all the relevant session data. The scoring program will read all board results saved in the result file and process these during the session. These procedures are explained in more detail in the user manuals or help files of your scoring program.

## Procedure

Having examined the individual components of the Bridgemate II scoring system, the next step involves assessing the entire process and how the different components relate to each other.

The process is outlined in the below diagram:

Activity	Explanation
<b>Step 1: Session created in the scoring program</b>	This is the starting point in the process. In the session, users can set the number of sections to be played, the number of pairs per section, boards and movements.
<b>Step 2: Result file created in the scoring program</b>	Using the session data, the scoring program creates a result file, containing all data relating to the sections, corresponding movements, boards and pairs.
<b>Step 3: Bridgemate Control Software reads the result file</b>	The scoring program starts BCS. The result file is then read by BCS, generating the data for all tables used in each session.

<b>Step 4: Bridgemate Control Software transfers data to the server</b>	BCS initializes the server using the data contained in the result file. All session tables are stored in the server. Movements from each table are included, so that the server knows (per round) which pairs and boards correspond with which table.
<b>Step 5: The server has been activated and the Bridgemates can be activated</b>	Now that all the relevant data has been stored in the server, the Bridgemates can be activated. The players activate the Bridgemates, which log in to the server. The scores can now be entered.
<b>Step 6: Scores are entered in the Bridgemate and sent to the server</b>	During this process, the board number and pair number/direction of play are verified for accuracy. Verification is executed via direct communication between the Bridgemate and the server. The Bridgemate itself does not contain any movement data. Entered board results are sent directly to the server. This data is stored in the server memory.
<b>Step 7: Bridgemate Control Software retrieves the scores from the server. The scores are saved in the result file</b>	BCS reads all newly entered scores from the server and saves them in the result file.
<b>Step 8: The scoring program reads the scores saved in the result file and adds these to the session</b>	The scoring program reads the scores saved in the result file and stores these in its session file. The scores are processed and incorporated in the session data to calculate the final score.

### Automatic launch from your scoring program

If your scoring program fully supports Bridgemate, BCS can execute steps 2 to 4 and read the scores (step 7) automatically via one simple command from the scoring program. For further information on how to enable automatic launch of the Bridgemate II scoring system, please contact the supplier of your scoring program.

## Chapter 2: Hardware configuration

### System requirements

#### Operating system

The Bridgemate Scoring System needs Windows XP SP3 or higher.

<b>Hardware</b>	Recommended configuration:	Processor	Pentium III 600MHz or higher
		Memory	256MB or higher

### Installing Bridgemate Control Software (BCS)

To install the Bridgemate Scoring System, run the current “BCSsetup.exe” file. This software is on the Flash Drive/Memory Stick from Bridgemate.US; also, it may be downloaded from Bridgemate.US’s website [www....BCSsetup3-1-2.exe](http://www....BCSsetup3-1-2.exe). The requirements for installing BCS software may differ, depending on your scoring program. For more information about where to install the software on your PC, please consult the information supplied with your scoring program. To install BCS on a separate client, we recommend the default folder [C:\Program Files\Bridgemate Pro or C:\Program Files (x86)\Bridgemate Pro].

**Special Note for Vista, Windows 7 or 8 PC’s:** Since Windows 7, 8 and Vista security precautions inhibit writing to the BCS Log file to the C:\Program Files folder or the “root” C:\, previous instructions were to configure BCS to save the Bridgemate Log File elsewhere, e.g., C:\ACBLSCOR. Starting with version 3.1.2 – the default location for the Log file is the “User Appdata folder,” therefore, new 3.1.2 installations need not change the Log files default location.

See [Log file settings](#) on Page 17 for specific details.

The BCS installation program will ask if it may also install the driver needed for the USB Server; answer “yes” to this.

### Installing the server

#### Install driver and connect USB server

Before connecting the Bridgemate II USB server to your computer, the driver must be installed!

The server connects to your computer’s USB port using a USB cable. **First:** If the USB server driver was not installed by the BCS installation program, run the BM2serverDriverInstallation.exe program on the Bridgemate Flash Drive or download it [www....BM2serverDriverInstall.exe](http://www....BM2serverDriverInstall.exe). **Second:** Connect the server to your computer. Windows will install the driver – or it may display the New Hardware Found Wizard.; in this case tell the system to search (browse) and automatically install the driver.

### Power supply through USB port and batteries

The server will receive its power supply from your computer through the USB cable. If a USB hub is used, make sure the hub is powered through an external power supply; otherwise the server may not receive enough or any power to operate properly.

#### Batteries

Batteries are used in the event of power failure, for example when the computer is switched off. The Server battery compartment holds four AA 1.5 volt batteries. Install the four batteries as indicated.

The server obtains its power from the PC through the USB connection. The batteries will only be activated if the USB port is not supplying power (i.e., when the computer is switched off). If PC power is lost, the server immediately transfers to the batteries and no data will be lost. We recommend installing batteries as a back-up while the server is in operation. This will ensure no data is lost during the session. The batteries will operate approximately 50 hours.

#### Warning

- Always install the batteries as indicated. Incorrectly installed batteries could damage the server and the batteries. The batteries may start leaking, potentially damaging the server and voiding the warranty.
- When removing batteries from the Bridgemate scoring device or server, do not use your fingers or finger nails to remove the batteries. Instead use a blunt object like a screwdriver or pen to safely remove the batteries.

## Switching on / off

The server will automatically switch on once the server is connected to the USB port of your computer and the computer is switched on. To switch off the server, the server must be disconnected from USB power (switch off computer – or disconnect the server from the computer – and, if batteries are installed, press and hold the small push button next to “Battery OFF” for a few seconds – until all LEDs are no longer lit.

## Status indicators

The server is equipped with a black switch and 2 LED status indicators labeled “USB / battery power” and “Battery status.”

After a game has been completed and the server disconnected from the PC press – and hold – the switch to reset the server which **erases all the data** and turns off the battery power.

## Automatic power-off

The server is equipped with an automatic power-off function. When the server runs on battery power, and there has been no activity for a certain period of time, the server will automatically switch off. The default auto power-off time is 1 hour. This can be changed in Bridgemate Control Software in menu Tools □ Settings □ General.

## Setting the region

When BCS is started with a new server attached to the PC, you will be asked to select the correct region. Select North America. To enable the server to transmit data to the Bridgemates over the correct radio frequency, you must select the appropriate region. The region setting in the Bridgemates is controlled by the Bridgemate firmware. The Bridgemate firmware must be for the same region as selected for the server. In other words, the server will be unable to transmit data to the Bridgemates if the server's region differs from the Bridgemates' region firmware.

## Setting the channel

The radio frequency channel over which the server communicates is set to 0 by default. For more information on how to modify this channel, please see Chapter 4.

## Configuring the Bridgemates

See chapter 5 on how to configure the Bridgemates and to put them in use.

## Operating instructions

The Bridgemate II server is very easy to use. Only a few instructions need to be followed. The following rules must be observed:

- Install the batteries as indicated. Incorrectly installed batteries could damage the server.
- During use, make sure the server is placed horizontally on a level surface.
- Do not place any objects on the server and make sure there is as much distance between the server and other objects as possible. The fewer objects there are between the Bridgemates and the server, the better the data exchange will be.
- Where possible, make sure the Bridgemates and the server are not separated by a wall. The server should preferably be placed in a central location between the Bridgemates. If this is not possible, place the server as closely as possible to the Bridgemates along the edge of the playing room.
- When removing batteries from the server (or Bridgemates) do not use your fingers or finger nails to remove the batteries; use a blunt object such as a screwdriver or pen to safely remove the batteries. The edge of the battery door often works very well; but take care not to damage it.

**There should always be TWO green LEDs on the top of the server.**

Center: **Green** confirms the server is running on USB power from the PC  
**Red** confirms the server is operating on battery power  
 No light. There is no USB power or data in the server memory.

Lower light: After connecting the server to a USB port:  
**Green** = sufficient power left.  
**Orange** = batteries are half full.  
**Red** = batteries have less than 25% power left.  
**Blinking red** = immediate battery replacement needed.  
 No light. No batteries or they are completely drained.

# Chapter 3: Bridgемate Control Software

The Bridgемate Control Software program is the bridge between your scoring program and the Bridgемate system. BCS reads the session data from the scoring program though the result file and loads it into the server so that the server can control the Bridgемates. Then, BCS retrieves the entered board results from the server and stores these in the result file for posting by the scoring program. BCS has been designed for simplicity and ease of use and is very user friendly.

This chapter contains information on the basic and advanced functions of BCS. For general program use, it is not necessary to know all the information contained in this chapter. When first starting the system, be sure to read the paragraphs “Launching Bridgемate Control”, “Logging in and logging off Bridgемates” and “Board results” first.

## Launching Bridgемate Control Software

Bridgемate Control Software is launched from your scoring program. Depending on your scoring program, there are several ways to launch BCS. The majority of scoring programs have a launching function, enabling fully automatic activation of the Bridgемate server using the existing and active result file. For more information, please consult the manual of your scoring program.

This BCS screen shows a 3 Section, mid-game condition where all Bridgемates are active (except C1, C2, C3 & C5) and game results have been entered for a number of boards.

The active result file name is displayed in the title bar. If no result file is open, “No session active” will be displayed.

### Server information

The pane in the top left-hand corner of the screen displays information relating to the server. If a server has been found, the text “connected” and the version number will be displayed. If the power adapter is used, the text “AC mains adapter” will be displayed; if batteries are being used, the power meter will display the number of operating hours remaining as a percentage. If you are using batteries, we would recommend replacing them in time rather than overusing them. BCS will indicate when to replace the batteries. Lastly, BCS will display the region and the channel being used.

### Tables

The bottom left-hand corner of the screen lists the tables in the data (.bws) file as created by the scoring program. A red or green dot indicates the status of the table. Red means that table’s Bridgемate hasn’t been activated yet, or has finished the session. Green means the Bridgемate has been activated is currently in use.

### Received board results

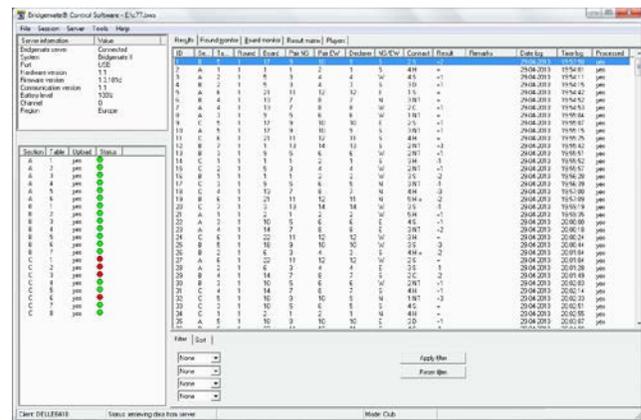
All board results read from the server are displayed in the right-hand side of the screen. For each hand/board played, the table[s], pair numbers, declarer, contract, tricks made or set and the exact time the board result was saved in the result file are displayed. BCS logs the time/date when the server was read and the board result was saved in the result file. The system does not log the time/date when the hand was actually registered in the server.

### Board monitor and round monitor

To provide the director with up-to-date information on the progress of the session, a round and a board monitor are available. The round monitor shows how many scores have been recorded for each table in each round. The board monitor shows how many scores have been recorded at each board for each table. Both monitors are updated in realtime when new results come in.

### Result matrix

The result matrix shows the results conveniently arranged. A quick glance tells you which scores are recorded per board or table. The matrix has different viewing orientations which can be controlled from the Options menu.



## Players

This tab shows the member numbers as they are entered on the Bridgemates, and the names of the players – as found in the local database (loaded from ACBLscore initially) or tournament database (pre loaded in BCS options).

## Filtering and sorting board results

The multi-criteria filtering and sorting functions are in the bottom right-hand of the screen. This enables fast searches for specific boards or to compare results using Section, Table, Round, Board, Pair NS and Pair EW filter/sort options.

## Logging in and logging off Bridgemates

### Logging in Bridgemate

After the corresponding tables have been added to the server, the Bridgemates can be activated.

Once the Bridgemate has been switched on, it will display the main screen with the Bridgemate II logo. Press OK to go to the section and table number screen. Depending on the setting of section and table number entry (see chapter 5), you may be asked to select your section and table number first. Press OK again to log the Bridgemate in to the server. The flashing symbol in the top right-hand corner of the Bridgemate screen indicates that radio communication is taking place. Once the Bridgemate has logged in, all first round data will be displayed. In the BCS screen, the red symbol in the “Status” column of the table list will turn to green. This column also gives a clear overview of all inactive Bridgemates: if the status column is still red, the table has not activated its Bridgemate.

In the following cases, the Bridgemate will not be logged in to the server, but instead the message “SYSTEM NOT ACTIVATED YET” will be displayed and the Bridgemate is returned to the main screen:

- The Bridgemate Scoring system has not been started yet by the scoring program.
- The corresponding table has not been added to the server.
- The server and the Bridgemate are not communicating over the same channel.
- The region setting in BCS does not match the region setting of the Bridgemates.
- The server is outside the range of the Bridgemate and cannot communicate with the Bridgemate.

Two other messages may be shown as an indication that the Bridgemate cannot start the session:

- “TABLE STARTED BY ANOTHER BRIDGEMATE”  
Another Bridgemate with the same section/table number setting has already logged in to the server. It is not possible for two Bridgemates to log in with the same section/table number.
- “END OF SESSION”  
The session of this table has finished, all scores have been registered for this table.

### Logging off Bridgemate

The “End of session” message is displayed on Bridgemates that have completed all rounds and sent all the results. These Bridgemates are returned to the “Bridgemate II” main screen and are automatically logged off from the server. The status column of this table will turn red again, indicating that the session has been completed on this table. A clear overview is given of all the active tables. All Bridgemates with the green status display are still in use.

As well as logging off automatically at the end of the session, users are given three alternative options for logging off:

- Using the reset function on the Bridgemate. The Bridgemate is returned to the start-up screen and is logged off from the server. See chapter 5 for more information on how to reset the Bridgemates from the TD menu.
- In BCS: via menu *Server* □ *Show tables, Reset table[s]*. See chapter 4 “Overview of tables.”
- In BCS: via menu *Server* □ *Show tables, Log off table[s]*. See chapter 4 “Overview of tables.”

The latter function can be used if you need to use another Bridgemate for a specific reason but cannot log off via the normal procedure. A Bridgemate needs to be logged off before it can be replaced. See also chapter 7.

## Board results

### Reading from the server

Once the Bridgemates have logged in, they will feed data to the server during the session. These results are first saved in the server. As long as the server is connected, BCS retrieves data every second from the server and automatically stores it in the result file. This is an automatic process and indicated by the following message in the status bar: “Status: retrieving data from server”.

If the server is disconnected for a while, all results not yet sent to BCS will be retrieved from the server, read and saved in the result file as soon as the server is reconnected. Delayed reading and processing of scores is therefore possible. It is advised, however, that the server is connected at all times during the session and BCS is running.

## Viewing and filtering or sorting scores

### Viewing scores

Results that have been read and saved in the result file are displayed in the right-hand table of BCS. Per result, an overview is given of the corresponding table, the round, the team, the player declaring the game and the contract. The registration time and date is also displayed in the result file. Remarks are also displayed ("Not played" = the Bridgemate indicates that the game has not been played, 40%/60% = arbitral score entered in the Bridgemate).

Go to the menu *Tools*  *Show/hide columns* to select the columns you would like to show or hide.

### Applying filter or sort order

As more board results are added and displayed, the more time-consuming and difficult it becomes to find or compare specific scores. Although you will generally use your scoring program for this purpose, it is conceivable that you may wish to view the registered data in BCS.

To display a specific section of board results, you can apply a filter to the entire list. This filter can be configured at the bottom of the screen. Enter specific criteria per section, table, round and board number and NS/EW pair number. It is possible to enter multiple criteria, for example section A, table 1, round 3. Per criterion, enter your filtering preference - equal to, not equal, equal or less, equal or greater, between - and enter the relevant values. Select *Apply filter* to apply the filter. To remove the filter and display all board results, press *Reset filter*.

The sort function can be used to sort the (filtered) results according to various criteria. Select the criteria and choose Ascending or Descending for each criteria. Select *Apply sort* to start sorting the scores.

### Round and Board Monitor

Use Round monitor to view the number of boards that have been reported from each table in play. This enables Directors to identify slow players and visit the table, if necessary. The color of each cell helps visualize the number of boards played in each round; **red** = 2 or more boards to be played; **yellow** = one board remaining; **green** = all boards have been played in the round. Board monitor shows which boards have been played at each table.

### Result matrix

Another way of viewing the scores is the result matrix. The matrix shows the scores as a grid where the scores are outlined for each table and board. This provides a quick way to locate/view a specific score.

The grid can be shown in four different formats:

- |  |   |
|--|---|
| • Boards horizontally, tables vertically   | Use for Mitchell movements – Typically 7+ tables        |
| • Tables horizontally, boards vertically   | Use for Mitchell movements – Best for small games       |
| • Boards horizontally, declarer vertically | Use for Howell or Mitchell where every pair # is unique |
| • Declarer horizontally, boards vertically | Use for Howell or Mitchell where every pair # is unique |

Go to *Tools*  *Options*  *General* (tab) to select the desired method.

## Creating Reports

Hand-record data from the right-hand display may be copied to an external file. For example, this can be used to create a report that compares the results achieved by the various teams that played each board.

- Go to the menu *Tools*  *Show/hide columns* to select the columns to be in the report.
- Select the records by highlighting the first entry for the report – hold the Shift key down and press End or use the  $\uparrow$  or  $\downarrow$  key to select the desired records.
- Right click on the highlighted records and select "Copy scores to clipboard."
- The comma-delimited data may then be "pasted" into an external program (such as Word and Excel).

Note: If the result file (i.e., 070904E.bws) is opened by a different client computer, the results will not be immediately displayed in the right-hand panel. Follow the procedure shown under [Managing tables, Taking over tables from another client](#), on page 14.

Result (.bws) file tables may be imported direct into Excel 2007/2010. Data  Get External Data / From Access  change lookup to "All files"  change file extension from .bws to .mdb  Open  select desired table  Open.

## Changing and deleting scores

### Changing scores

Right-click on the record you would like to change and select *Edit score*. A detail screen will appear displaying all the score data. You can now edit the result: Declarer is pair that played the hand; NS/EW is the "declarer" player; contract is ♣ = C, ♦ = D, ♥ = H, ♠ = S, No Trump = NT, double = x, redouble =xx, pass = PASS. Enter a space between the value of the contract, the contract type and double/redouble. With "American Style" enter the numbers of tricks taken – or number of tricks down.

If the score has not yet been read by the scoring program, the change can be performed in BCS and then it will be read into the scoring program correctly. However, if the board result has already been posted into ACBLscore, that score will have to be "corrected" in ACBLscore. The score may also be changed in BCS in order to have correct traveller and percentage information shown on the Bridgemates – and correct results for website displays.

Note that any changes made to the results in the result file will be fed back to the server. Bridgemates will therefore show the edited result in the overview of previous results.

If you wish to change a score from the result matrix, double click on the score to display the edit-score window.

### Deleting results

To delete a board result, right-click on the entry you would like to delete and select *Delete score*. To delete multiple records simultaneously, highlight the first record - hold the Shift key down and use the ↑ or ↓ key to select the records you would like to delete; alternatively, hold the left mouse key down and select records. The result will also be deleted from the server. A new score can be entered in the Bridgemate.

**Note:** Deleted records will not be removed from ACBLscore if the result[s] were already posted into ACBLscore.

Scores cannot be deleted through the result matrix.

## Processing scores in the scoring program

For information on how to read and process data from the Bridgemate result file, please consult [Chapter 8: Using Bridgemates with ACBLscore](#) or the manual supplied with your scoring program.

## Opening, Saving and Closing result files

If no result files are open in BCS, options are limited. The *Session* menu is inactive and no server data can be processed. During normal use of the Bridgemate Scoring System, the scoring program creates and automatically reads the result file into BCS. You do not need to open the result file or read the relevant session data. This is processed automatically. To read other result files in BCS, use the *Open* and *Close* functions in the *File* menu.

### Opening existing result file

Use the *File*  *Open* menu to open an existing result file. If this result file has not been opened previously on this client, BCS will ask whether the client wants to log in to this result file. This step is necessary to add tables to the client and interact with the result file.

### Saving existing result file.

Select *File*  *Save as* to create a copy of the result file at a location of your choice, e.g., a USB flash drive.

### Closing the result file

Select *File*  *Close* to close the active result file. You can now open another result file.

## Using multiple clients

In ordinary club sessions all scoring is done of one computer. In large tournaments, however, it may be necessary to split the session over multiple computers each serving a selection of the tables, while having the scores collected all in one Bridgemate result file. BCS supports multiple clients simultaneously logging in to a single result file and storing scores during the session from multiple Bridgemate servers.

In order to change the program to multiple client mode, go to menu *Tools* ▢ *Options* ▢ *tab General*, and set the mode to “Tournament”.

The list of tables will now show two tabs: “All tables” and “Client tables”. The All tables tab contains all the tables stored in the result file. These are generally all the tables used in the session. The Client tables tab displays the tables assigned to the client PC you are currently using. The name of this client is displayed in the bottom left-hand corner of the screen. The tables must be assigned to a client. If you are using one PC for your sessions, all tables will be assigned to the same client. In this case, the All tables and Client tables tabs contain the same tables. If you are using multiple clients, the All tables tab contains all tables in the session; the tables may be assigned to different clients. The Client tables tab only displays (on both PCs) those tables assigned to that specific client.

The scoring program will create the result file for you. By default it is assumed that only one client is used. The program will automatically assign all tables to the PC you are currently using. You do not need to perform any manual changes. Manual changes are only required during big tournaments involving the use of multiple clients and servers.

## Adding a client to the result file

The result file keeps track of which clients are using the result file. Your scoring program will automatically add your client to the result file.

If the result file has not previously been opened by the client PC (it was created on another PC), this client has not yet logged in to and cannot use the result file. To add a new client to the result file, open the result file on the relevant client. Confirm that the client is to be logged in to the result file. The result file may now be used.

## Managing tables – Tournament (network) mode

### Assigning tables to a client

Once a result file has been opened, all tables of the result file will be displayed. In Tournament (network) mode the *All tables* “Client” column will display the currently-assigned Client, or “not assigned” if the table is not assigned to any client. To assign a table to the client you are currently using, right-click on the table and select *Add to client*. To add multiple tables simultaneously, select the table by clicking and holding the left mouse button and the Shift key, or use the *Select all* function to select all the tables. Once the table has been added to the client, the client name will be stored in the table. You can only assign tables to the client (PC) you are currently using. If you are using multiple clients in a network, the result file will need to be opened manually per client and the tables added to that client.

### Taking over tables from another client

To transfer a table that has already been assigned to another client to your own client, repeat the above procedure. Right-click on the table and select *Add to client*. BCS will ask you to confirm whether you would like to take over the table from another client.

### Overview of tables assigned to a client

The client to which the tables have been assigned is displayed in the “Client” column of the *All tables* tab. The *Client tables* tab only displays those tables assigned to the current client.

### Removing tables from the client

Click on the *Client tables* tab for an overview of all the tables added to this client. Right-click on the table you would like to remove and select *Remove from client*. The table will now be removed from the client.

## Server control

### Activating the server

To activate the server, connect it to the client PC and connect the power adapter or fit batteries. Once the server has been found, specific data will be displayed in the top left-hand corner of the BCS screen and the *Server* menu will be activated. You are advised to connect the server before launching BCS.

### Resetting the server

The server contains no data when initially connected to a power source. New tables can be added instantly.

If the server contains data which you would like to delete, you will need to empty the server. This is done using the *reset* function. Go to *Server* □ *Reset*. You will be asked to enter a verification number which is displayed on the screen. This verification number ensures that the server cannot accidentally be reset. Once the correct verification number has been entered, the server is emptied and all data removed.

### Adding tables

The server is activated by adding tables. As soon as a table has been added, the server feeds this data to the corresponding Bridgemate, which in turn is activated. The Bridgemate cannot operate if the corresponding table has not been added to the server. Tables can only be added once to the server. If you attempt to add a table that has already been added to the server, an error message will be displayed.

To add a table to the server, go to the *Client tables* tab, select the relevant tables, right-click on one of the tables and select *Add to server*. The tables will now be added one by one to the server, and the corresponding movement loaded per table. An overview of the added tables will be displayed.

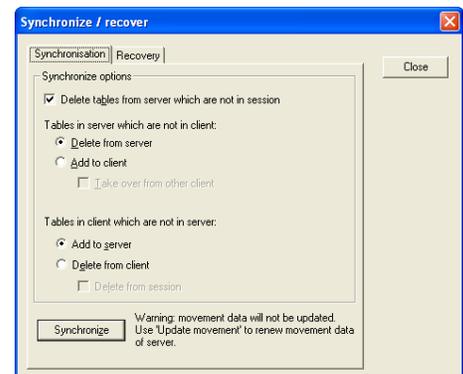
### Removing tables

It is also possible to remove tables from the server using the *Client tables* tab. Select the tables you would like to remove, right-click on these tables and select *Remove from server*. The tables will now be removed. You will not be able to use any Bridgemates that are configured to these tables.

### Synchronizing the server and client

All data relating to the tables is saved separately in both the result file and the server. In the event of a temporary disconnect between the server and the PC, there can be discrepancies between the server and the result file. These discrepancies can be rectified using the *Session* □ *Synchronize / recover* menu function.

Check the relevant options to indicate your synchronization preferences. You must determine whether to synchronize the server to the result file, or whether to update the result file using the data stored in the server.



#### Tables in server which are not in client

Use this option to determine what to do with tables stored in the server but not assigned to the client. To delete these tables from the server, select “Delete from server”. To add them to the client, select “Add to client”. Tables that have already been assigned to another client can only be assigned to the current client if the “Take over from other client” option has been checked. If this box has not been checked, the tables cannot be added to the client.

#### Tables in client which are not in server

Conversely, some tables may have been assigned to the client but not to the server. To add these tables to the server, select the option “Add to server”. To delete these tables from the client, select the option “Delete from client”. This option also allows you to delete all the tables from the result file by checking the “Delete from session” option.

#### Delete tables from server which are not in session

The synchronization function will also verify whether the server contains tables not contained in the result file. These are so-called “obsolete tables”. Check the “Delete tables from server which are not in session” option to delete these tables from the server. If this option is unchecked, these tables will not be removed.

## Synchronizing client to server and vice versa

As outlined above, the main function of the synchronization process is to synchronize the client to the server and vice versa. The default settings of this function are configured to synchronize the client to the server: tables that have been assigned to the server but not to the client are added to the client, and tables that have been assigned to the client but not to the server are removed from the client.

These settings will need to be adjusted when synchronizing the server to the client. In this case, delete all tables from the server that have been assigned to the server but not to the client (select “Delete from server”). Conversely, add to the server all tables that have been assigned to the client but not to the server (select “Add to server”).

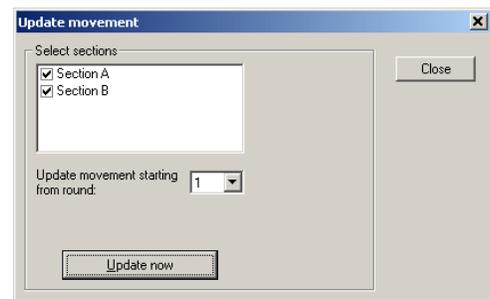
In all these cases, make sure the “Delete tables from server which are not in session” option is checked to delete all tables that have been assigned to the server but not the result file (and therefore not to the session). Should it transpire that these tables were correctly stored in the server and not in the result file, a new result file will need to be created, or the current file updated.

## Recovering the server

The *Synchronize* menu function also offers users the opportunity to fully synchronize the result file and the server. To do this, go to the “Recovery” tab and press the “Recover server” button. All existing data will be deleted from the server and overwritten with the tables and the data contained in the result file. The server is synchronized with the current position of the result file. This function is ideal if the server loses its data and you wish to reconfigure the server with data that has been recorded in the result file.

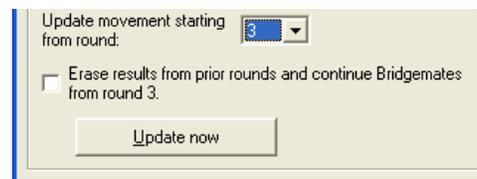
## Updating movement in the server

Movement data is assigned to all tables added to the server during the synchronization process. The synchronization function does not update the movement data of tables already stored in the server and which have not been updated. If the movement data of the result file has been synchronized from the scoring program, and the scoring program does not order BCS to update this data, use the *Session* ▢ *Update movement* function to update the server with the correct movement for these tables.



All sections are checked by default. Uncheck all sections that you do not wish to update. By default, data is updated from round 1. To update from a later round, select another round number using the selection option. Press *Update now* to update the sections with the correct movement. Any table data belonging to sections that you wish to update will now be deleted from the selected round onwards. A report will be displayed of the executed operations.

When updating from a later round option to “Erase results from prior rounds...” will appear. If this is checked, all Bridgemates will start from the selected round. However, this will erase all movement info of the previous rounds and delete all scores from the server for those rounds. Be very cautious with this functionality. *If you only want to move the Bridgemates to the next round, use the “Close rounds” function.*

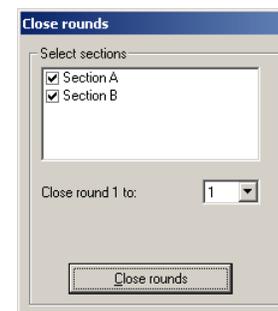


**Note:** The scoring program normally updates all movements in BCS automatically. It is, therefore, not necessary to invoke this function manually.

## Closing rounds

If a Bridgemate hasn’t received all the scores of a round and it needs to be moved on the next round, for example due to late play or when players didn’t enter their score in the Bridgemate, you can simply close the round in BCS and force all Bridgemates to move on to the next round. Go to menu *Session* ▢ *Close rounds*.

Select the sections of which you want the Bridgemates to move on, and select the number of round you wish to close. For example, if you want all Bridgemates of section B to move on the 4<sup>th</sup> round, then select only section B by deselecting the other sections, set close rounds 1 till 3 (not 4!), and press “Close rounds”. All missing scores up to round 3 for all tables of section B will be filled up with Not played, and this will also appear in the result list and result matrix. Bridgemates of section B which are still in round 3 will automatically move on to round 4.



## Program Settings (Options)

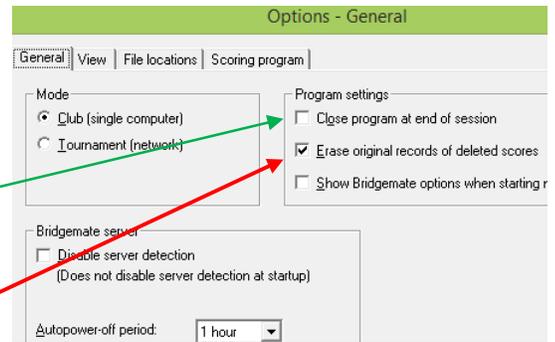
Change program functions using menu *Tools* ▢ *Options* ▢ *General*.

To disable the automatic server detection while the program is running, check *Disable server detection*. You may wish to do this when BCS is running without a server connected. During sessions, however, you are always advised to leave this function unchecked.

To close BCS automatically at the end of a session, check “Close program at end of session.” This requires that all tables – at least one time during the session – have been logged in (with their status indicators **green**) and, at end of the session, all tables have finished and are logged off.

The *Erase original records of deleted stores* is **required** when using ACBLScore.

To view the Bridgemate settings before the Bridgemate system is actually started, check “Show Bridgemate options when starting new session.” This allows the TD to verify if all settings are correct and make changes where needed – before the movement is actually loaded into the server.

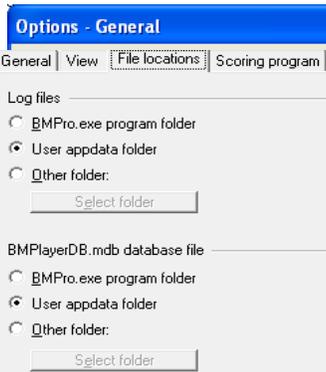
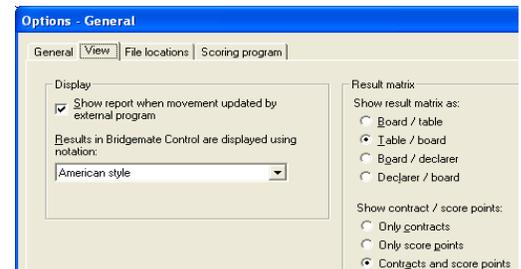


### Tab View

When ACBLScore updates the movement, the result is shown on the BCS screen through a report window. You may manually close this report, or it will close automatically after 60 seconds.

“American Style” should be displayed for North American operation.

Result matrix display options are discussed in Chapter 8.



### File locations

The default “Log files” location is the “User Appdata folder.” Note, this is normally a Windows® hidden folder. Should you wish to use a “non-hidden” folder, the “Other folder” should be checked – then use **Select folder...** to specify a non-“Program Files” folder such as C:\ACBLSCOR. **Double click on C:\ACBLSCOR to use as the log file location.**

**Special Note:** When BCS is being used by more-than-one Windows® User, a single log file may be desired. If so, configure each User’s BCS options to use the same “Other folder.”

Similarly the special BMPlayerDB.mdb player-name lookup file for the National Tournament (or large local) database will be located in the hidden “User Appdata folder.”

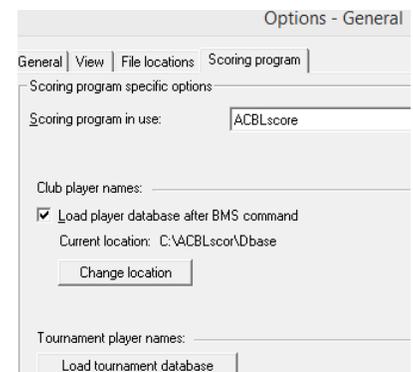
When there are multiple Windows® Users expecting to use the special BMPlayerDB.mdb lookup file, special arrangements are required.

### Scoring Program and Player Database

ACBL affiliated Clubs/Units should select ACBLScore as the scoring program in use; also, check the “Load player database after BMS command.” This works well when your “local” (Club mode) database is not too large; i.e., perhaps no more than 10 to 15,000 names.

Should your ACBLScore program (and player database) be located in a drive other than the C:\ “root directory,” click on “Change location” so that BCS can find the database file when it is started from ACBLScore.

To use ACBL’s very large “Tournament” (or a large “local”) database, click on “Load tournament database” to load/update the special BMPlayerDB.mdb file. This action will take several minutes.



For more information on using the “names” feature and options settings, visit: [www.bridgemate.us/how-to-guides/names-display/#names](http://www.bridgemate.us/how-to-guides/names-display/#names)

## Chapter 4: Server functions

Once the server is connected to the PC, the *BCS Server* menu is active. This menu contains several useful server functions. It is not necessary to open a result file to use these functions.

### Overview of tables

Use the *Server* ▢ *Show tables* menu to create an overview of the tables stored in the server.

Per table, the **green** or **red** status light indicates whether this table has logged in to the server, logged off, or has not yet logged in.

To delete a table from the server, select the relevant table[s] and choose “Delete table[s]”. The tables will be deleted from the server, as will all the recorded results of these tables.

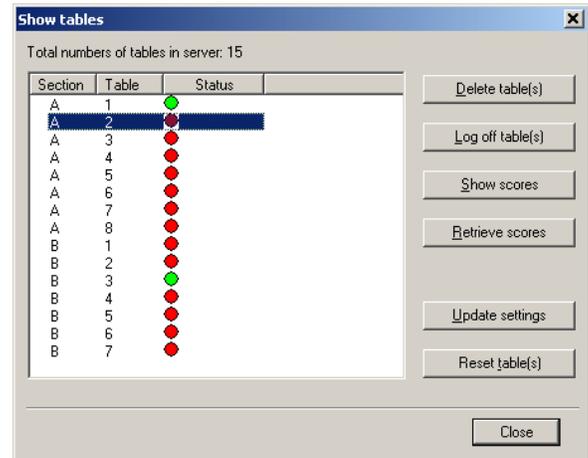
To log off a table manually, select the relevant table[s] and click “Log off table[s]”.

Click the “Show scores” button to create an overview of the scores entered by the Bridgemate. Select the table[s] of which you would like to see the board results and select this function.

Click the “Retrieve scores” button to move all entered scores for the selected tables to the result file.

When the Bridgemate settings have been modified, they are updated in the Bridgemates by selecting the tables and pressing “Update settings”.

To force a Bridgemate to reset itself, select the table and log it off from the server. Then, select the table – again – and click “Reset table[s]”. Upon its next communication with the server, the Bridgemate will reset itself.



### Overview of entered scores

The *Server* ▢ *Show all scores* menu function displays an overview of all board results entered in the server. Depending on the number of tables stored in the server, there may be a delay in reading and displaying the data.

### Restarting Bridgemate network

The wireless network can be restarted from the server using the function *Server* ▢ *Restart network*. Use this function to solve wireless communication problems between multiple Bridgemates and the server. This may be done at any time; it does not interrupt anything.

### Resetting the server

The *Server* ▢ *Reset* menu function resets the entire server and **deletes** all data in its memory. To avoid accidental resets, you will be asked to enter a verification number which is displayed on the screen.

Note: Using “Reset” serves the same function as disconnecting the server and pressing the “battery off” switch for 3 or 4 seconds. Thus, for servers that are left connected to the PC between games, this may be used to erase the current game info from the server’s memory – and still save battery power, should be PC lose power (for any period of time) between games.



## Setting the region

The Bridgemate Scoring System communicates over a predetermined frequency spectrum. The permitted frequencies differ per continent. Three continents are currently supported: Europe, North America and Australia / New Zealand. When first launching BCS with a new server attached, you will be asked to select your region. The server will select the corresponding frequency spectrum to communicate with the Bridgemates. Typically you should select "North America" and press "Set."

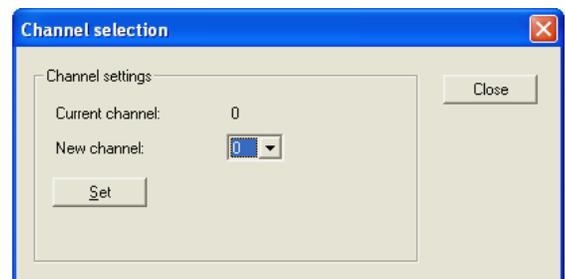


If you want to change the regional settings of the server, go to *Server* □ *Region selection*.

## Setting the channel

The server and the Bridgemates must be set to the same channel to communicate with each other. To set the channel on the server, use the *Server* □ *Channel selection* menu.

The "Current channel" function displays the current channel. Select the new channel and press "Set". The new channel has now been set.



## System functions

Update firmware.

The server's firmware may be updated in the future. If there is an update, download the new firmware from [www.bridgemate.us](http://www.bridgemate.us) and follow the instructions carefully.

## USB Server Lights

"USB / battery power" LED:

- **Green** confirms the server is running on USB power from the PC.
- **Red** confirms the server is operating on battery power with game data in its memory.
- No light. There is no USB power and no data in the server memory.

"Battery status" LED: When server is connected to an active USB port - or there is game data in its memory:

- **Green** = sufficient power available.
- **Orange** = batteries are half full.
- **Red** = batteries have less than 25% power left.
- **Blinking red** = immediate battery replacement needed.
- No light. There are no batteries in the server, or they are completely drained.

## Program Shutdown – Power Outages – Change PC

The following website page describes actions that may be taken to recover from these special conditions.:

[www.bridgemate.us/how-to-guides/during-a-game-program-shutdown-power-outage-change-pc/](http://www.bridgemate.us/how-to-guides/during-a-game-program-shutdown-power-outage-change-pc/)

## Chapter 5: Use of the Bridgemate® II scoring devices

The Bridgemate is a small device designed to enhance the enjoyment of bridge for tournament directors and bridge players alike. The system enables you to enter scores faster than before, and is guaranteed to prevent operator errors. As well as allowing players to enter board results, the Bridgemate also feeds information to the players, such as the achieved percentage on the board played, and the traveler overview. We are convinced that tournament directors and bridge players will appreciate the convenience of the Bridgemate!

### Preparing the Bridgemate for use

The Bridgemates are individually packed in compact sturdy cardboard boxes. Each Bridgemate comes complete with two AA batteries, which must be inserted into the bottom of the Bridgemate unit. The + and – signs in the casing indicate the insertion direction of the batteries. Insert the batteries in the direction indicated, close the lid and press the OK button. Check whether the “Bridgemate II” logo appears. The Bridgemate is now ready for use.

### Exploring the Bridgemate

Large LCD screen for easy entry of scores, viewing results and other information.

Four function keys offering all kind of additional functionality.

Keypad with 25 large keys for easy input of scores and controlling the Bridgemate.

#### The keyboard

The Bridgemate keyboard contains 29 keys. Some of the keys have a dual function.

Keys	Explanation
1 to 9, 10	These keys are used to enter numbers in the Bridgemate, for example board numbers, pair numbers, contract and result. The 10 button is used to enter 0 (when entering member numbers, board numbers etc) and to indicate 10 as the lead card.
♣, ♦, ♥, ♠, NT	These keys enable you to indicate the contract & lead card.
+, -	Indicates overtricks or downtricks of the result.
=	Indicates that the contract has been exactly made.
J, Q, K, A	Use these keys to specify Jack/Queen/King/Ace as the lead card.
X, XX	Double or redouble.
N/S, E/W	Declarer's direction of play.
PASS	Indicates a pass-out.
CANCEL	Correct an entry and cancel commands.
OK	Confirm an entry.
Function keys	4 functions keys in the top row provide access to all kind of additional functionality which is not covered by the 25 keys.



## Switching on/off

The Bridgemate does not have a separate on/off button. To switch on the Bridgemate, press the OK button. It is not possible to switch off the Bridgemate manually. The Bridgemate will automatically switch off after it has been idle for a while, i.e. no buttons have been pressed. No data will be lost when the Bridgemate switches off. Simply press the OK button to continue as before. In other words, you can continue entering scores as soon as the Bridgemate has been activated again.

The default autpower-off time is set to 20 seconds. This value can be changed to between 5 and 60 seconds. See chapter 6 for more information.

## Activating the Bridgemate

When switching on the Bridgemate II for the first time, the main screen displays: (version number and language may differ)

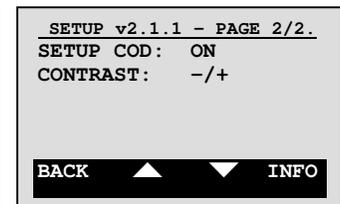
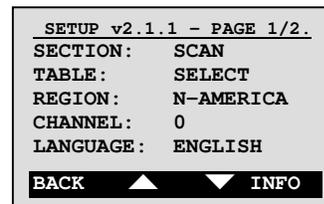


### Battery indicator

In the upper left corner there is a small battery indicator. Full batteries are indicated with a full indicator. If the battery power is extremely low, the battery indicator will show an empty battery and the indicator starts blinking. Although it is safe to continue using the Bridgemate for several more sessions, it is recommended that you replace the batteries as soon as possible. The average battery life is approximately 400~500 sessions. However, this depends largely on the length of each session, the time frame over which these sessions are played, and how the Bridgemates are stored. Make sure no keys are pressed during storage.

## Configuring the Bridgemate

Before the Bridgemate is put into use the first time, it needs to be configured with the correct settings. Press the SETUP function key to access its internal settings menu. If the menu is protected with a PIN code, enter one of the following fixed 3-digit PIN codes: 749 or 769.



You can scroll through the menu using the up and down function keys. Use the + or – key to change a setting. Press the BACK function key to exit the setup menu. Any changes in the settings will then be saved.

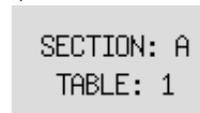
### Configuring the section and table

Before the Bridgemate can be used in the session, it needs to be configured with a section, table number. There are three ways to set this information:

- Fixed setting which the players cannot change
- Flexible setting which can be changed before the session starts. (SELECT / SELECT mode)
- Flexible setting with selection of available sections only (SCAN / SELECT mode)

#### Fixed section and table setting

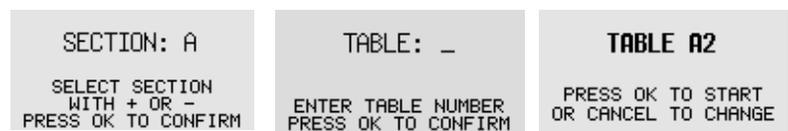
A fixed section and table setting allows you to configure the Bridgemate for a specific table, while not having the risk that this setting is changed by anyone. Once the setting is made, the Bridgemate must be placed on the correct table that matches the setting. To do so, scroll the focus up or down to “Section”, and use the + and - key to adjust the section. Sections range from A to Z, AA to ZZ and AAA to ZZZ. Once the section has been set, scroll one line down to table; press CANCEL to delete the current number and use the number keys to set the table number. Table numbers range from 1 to 511.



The Bridgemate will retain these settings until you next change the section and table number. In other words, these settings will be retained even after the session has been completed. It is, therefore, not necessary to change the settings for the next session. All you need to do now is move the Bridgemate to the correct table.

#### Flexible setting of section and table (SELECT / SELECT mode)

A flexible setting allows you to freely distribute the Bridgemates over the tables, and upon start of the session, the Bridgemate will ask the players to confirm the section and table number of the table which they are sitting at.



This method allows you to assign numbers and sections to tables at the very last minute while the Bridgemates are

already placed on the table.

In order to set the flexible setting, scroll the focus up or down to “Section” and press the + or - key until you see “Select” behind “Section”. “Select” will also be placed behind “Table”. Press BACK function key to accept the settings and return to the main screen. The Bridgemate is now configured for flexible entry of section and table number at the start of the session. The Bridgemate can be freely placed on any table in the session.

Flexible setting with selection of available sections only (SCAN / SELECT mode)

This setting is very similar to flexible setting of section of table, but it limits the selection of section to the sections which have been uploaded to the server. Instead of allowing the player to choose any section ranging from A to ZZZ, only the sections which are actually being used in the session can be selected.

```

CHOOSE YOUR SECTION
A=1   B=2   C=3
D=4
  
```

In Setup, scroll to “Section”, and press the - or + key until “Scan” appears behind “Section” and Select behind Table. Press the BACK function key to exit the settings menu. The Bridgemate can be placed on any table in the session.

### Setting Bridgemate Region and Channel

Use the up and down function keys to move to the “Region” row. Use the + and – keys to select your region.

The Bridgemate II scoring system can communicate over different radio channels. This enables users to install multiple systems next to each other without causing interference (see also Chapter 6, “Multiple clubs”). To enable a Bridgemate to communicate with the server, both must be set to the same region and channel. The default setting for the Bridgemate and server channel is channel 0. To modify the channel, move to the “Channel” row. Erase any existing channel number with the Cancel key and input the new channel number.

**Language** Select the language by pressing the + and - keys.

### SETUP security code

To protect the setup menu from unauthorized access by players, set the “SETUP COD” to ON using the + or - key. The preset codes are 749 and 769. Once the Setup code is set to On, the Bridgemate will ask for “Setup PIN”.

## Starting the session

### Switching on/off

To switch on the Bridgemate, press the OK button. The Bridgemate will automatically switch off after it has been idle for a while, i.e., no buttons have been pressed. No data will be lost. Press the OK button again to continue.

```

TABLE STARTED
BY ANOTHER
BRIDGEMATE
PROCEED AS A1?
  
```

Occasionally another table will log on as the wrong table and players will see this screen. If this happens, press OK to start the procedure to log on correctly with this Bridgemate – replacing the unit that logged on incorrectly. The ERASE “take-over” feature may also be used – at the beginning of a game – if one-or-more player names have not been entered or are incorrect.

```

CALL TD TO START
AS TABLE A1
TD PIN: -
  
```

This screen will appear. Enter the TD Pin code. When this is encountered at the beginning of a game, press “Erase” to delete everything entered by the errant table and enable the correct table to enter their player numbers and results.

```

Press ERASE to erase
all previous data.
Press CONTIN. To
continue and retain
previous data
  
```

ERASE

CONTIN

### Activating the Bridgemate and confirming Section and Table setting

At the start of the session, the Bridgemate will by default display the “Bridgemate II” main screen. Press OK to view the table and section settings of the Bridgemate. See [Configuring the Bridgemate](#) on page 21. Players choose their section by pressing the number that corresponds with the section they will play in.

### Entering member numbers (optional)

If BCS or the scoring program is set to enter member numbers, the Bridgemate will ask for the four player numbers. Use the number keys to enter the number, and press OK to confirm. If a player does not know his number or does not have one, press OK without entering a number. No number will be registered for this player.

```

ENTER PLAYERS
N: 8674722
S: 7435370
E: 789163
W:
  
```

### Review player names

When the numbers have been entered, the next screen will display the names that BCS finds for the entered numbers. If there is a correction to be made, press CANCEL to return to the previous screen in order to correct any incorrect entries.

```

N: Joseph Steele
S: Henry Dorsman
E: Name N/A
W: Name N/A

PRESS OK TO ACCEPT
OR CANCEL TO CORRECT
  
```

## Enter results with the Bridgemates

### Information before the start of the round

At the start of each new round, the Bridgemate will display the new round, direction of play and the expected pairs. The board numbers will also be displayed. For example, you can verify at the start of the round whether you are seated in the correct direction and have the correct boards on the table. This information is displayed as follows:

```

ROUND 1
NS: 1   EW: 12
BOARDS 1-4
  
```

Press OK to confirm this screen and continue with the board input.

### Entering board results

The following screen will be displayed when entering the board results:

The information at the top of the screen shows the current round, the pair numbers and the boards to be played. The flashing line indicates the input position.

```

ROUND 1  NS:1 EW:12  21-24
BOARD :  -
CONTR :  -
LEAD  :  -
RESULT:
TOMENU SCORES
  
```

### Entry and verification of board number

Before starting to play the board, enter the board number and press OK to confirm. The Bridgemate will verify the number. In case the board number is incorrect, or the board has already been played in that round, the Bridgemate will notify so. It will also mention the boards that are yet to be played.

To assist the players entering the correct board number, two additional features are available which can be enabled or disabled through the [Bridgemate settings](#) (see chapter 6):

- **Automatic entry of board number.** When enabled, the Bridgemate will automatically fill in the next board number. Assuming boards are played in order, this reduces the chance of entering a wrong board number.
- **Board order verification.** When enabled, the Bridgemate will verify if the board number corresponds to the logical order. If the Bridgemate expects a different board number to be entered, it will ask to confirm that the boards are played out of sequence. If you do wish to play an out-of-sequence board, press OK. The Bridgemate will assume that you have chosen to deviate from the logical order. If the board number was entered wrongly, press Cancel to return to the previous screen and enter a new board number.

Once the board number has been entered and confirmed, the cursor will jump to the second line. You can now begin the bidding. As soon as the contract has been determined, enter the contract and direction of the declarer.

### Entry of contract and declarer

To enter the contract, use numbers 1 to 7 and the ♣, ♦, ♥, ♠ and NT keys. If required, you can also use the X and XX keys to indicate double or redouble. To specify the declarer, use the N/S and E/W keys. If the declarer is North, press N/S once. If the declarer is South, press this key twice. Alternatively, if the declarer is East or West, press E/W once or twice. The screen is displayed as follows:

```

ROUND 1  NS:1 EW:12  21-24
BOARD :  21
CONTR :  6NT x N
LEAD  :  -
RESULT:
TOMENU SCORES
  
```

### Entering lead card (optional)

If you have specified in Bridgemate settings that lead cards must be entered, the Bridgemate will ask you to enter the lead card. If not, this line will not be visible and the input position will jump to result instead.

Select the lead card using keys 2 to 9, 10, J, Q, K or A and the card type using ♣, ♦, ♥ or ♠. The card suit and card denomination may be entered in any order.

### Entering the result

Once you have finished playing the board, you can enter the result. Using "American Style," when the contract has been made enter the number of tricks taken. If the contract was not made, use the – key followed by the number of tricks "down." The = key may also be used when the contract has been exactly made.

Depending on the settings in BCS, the result can also be entered as the total number of tricks won (i.e., 0 to 13) or Up/down tricks. When using Up/down, enter = key when contract has been exactly made, the + key followed by the number of "overtricks," or the – key followed by the number of tricks "down."

### Verification by East or West and confirmation of board result

After entering the contract, lead card (if requested) and result, press OK. "Verification by East or West" will display. Pass the Bridgemate to East or West to verify the result and score points calculated by the Bridgemate. Depending on the Bridgemate option, the score points will be displayed as assigned to the North/South pair or to the Declarer.

In a short while, the screen will automatically change and repeat all the information previously entered by North. The verification screen will for example be displayed as:

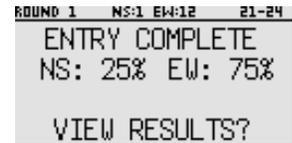
```

ROUND 1  NS:3 EW:3  5-6
BRD 5, 2D N -1
EW:100
Press ACCEPT to
confirm
ACCEPT
  
```

East (or West) verifies the data displayed on the verification screen. If this data is incorrect, E/W will press CANCEL to edit the data. If the result is correct, E/W will press the ACCEPT function key to confirm the result. The message "Entry completed" will now be displayed. The data is saved and sent to the server.

Overview of percentage achieved and previous results (optional)

After E/W has confirmed the board result, players have feedback options for viewing their achieved result and board results achieved by other pairs. Depending on the Bridgemate settings, the following information can be displayed:

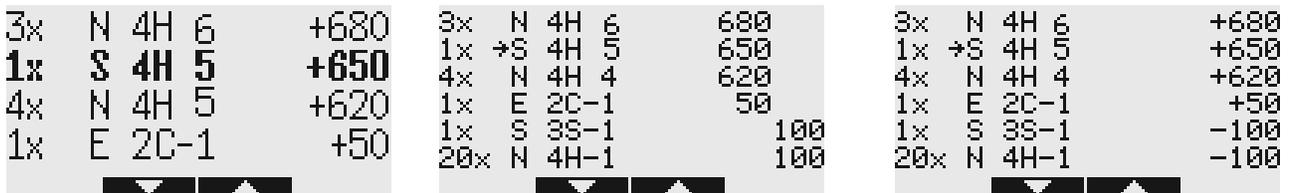


- Overview of scores of other pairs on the entered board
- Achieved percentage for the entered board result

The server calculates the percentage by reviewing other scores registered for the board. The percentage will have little significance at the start of a session. As the session progresses, percentages will approximate the final result.

Press OK to exit this screen. When the overview of scores of other pairs on the board is enabled, these scores are now shown. Scores are shown as a frequency list, indicating the number of times the same result has been recorded, i.e., 3x = 3 times. The first score is the highest N/S achieved score so far in the session on this board.

Depending on the setting in BCS, the scores can be shown in three different formats:

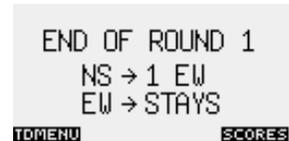


4 scores per screen. Own score **bold**. 6 scores per screen. Own score  6 scores per screen. Own score

Use the up and/or down function keys to move to the next or previous set of results.

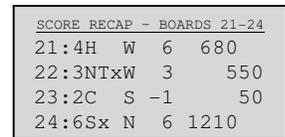
End of round

At the end of the round, the Bridgemate will display the message "End of round". You do not need to do anything. The Bridgemate will automatically switch off after a few seconds. Press OK again to begin entering the scores in the next round.



Show Score Recap Automatically

If the Tools  Options  Bridgemate  Bridgemate II  "Show score recap automatically" is checked, the results of the boards played at this table during this round will be displayed.



Show seatings for the next round

At the end of the round, Bridgemate can guide the pairs to their next table[s]. This is shown together with the end of round message. Seatings for next round information can be enabled from the [Bridgemate settings](#) (see chapter 6).

End of session

At the end of the last round, the Bridgemate will display the message "End of session" and return to the Bridgemate II main screen after a few seconds. The Bridgemate has completed its tasks and can now be safely stored away.

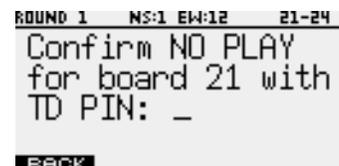
Special entries: Pass-out and board not played

If the players have passed four times without making any bid, enter 'Pass' at CONTR and confirm with OK. You will not be asked for the lead card and the result; the Bridgemate will switch immediately to the verification screen.

If a board has not been played in a particular round, e.g., due to time constraints, the Bridgemate must be informed. If this step is skipped, the Bridgemate will remain in the uncompleted round, and other pairs will be prevented from entering their results. To enter an unplayed board, press the 10 key in the CONTR row. The screen will now display the text "NO PLAY". Confirm by pressing OK. The Bridgemate will now display the verification screen.

The Bridgemate will not display an overview for unplayed boards. As it is possible to play the board in a later round, players must be prevented from seeing the results of previous boards. The board can be played afterwards without the Bridgemate; in that case, the relevant score is entered manually into the scoring program.

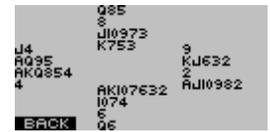
When rules in your club say that players are not allowed to skip a board without notifying the director, the [Bridgemate Settings](#) (see chapter 6) should enable the option "No Play requires TD confirmation." The Bridgemate will show the following screen:



The director enters the PIN code to confirm the no play. This prevents players from entering a no play when they are not authorized to do so.

### View hand record

If a hand record has been preloaded for this board, or entered by players in a previous round, the hand record can be viewed by the players to verify if the correct board was played and/or the cards in each hand are correct. Press the HANDS button in the overview of previous results to show the hand.

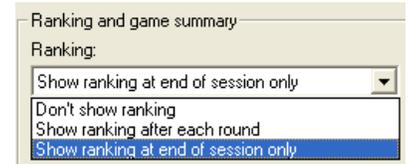


### General comments:

- The Bridgemate monitors the active rounds. In case of a sit-out, the Bridgemate will skip this round.
- Before starting a new round, verify whether you and your opponents are seated in the correct direction to avoid playing in the wrong direction. At the start of the round, press OK to display the directions.

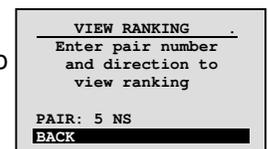
## Ranking and Game Summary

The Ranking feature ([Chapter 6: Additional Bridgemate functions](#)) must be checked in order for the end-of-session results (shown as percent for each board – or – match points won) to be available. Note, with the ranking feature, information may be displayed after each round, or only at the end of the game.



At the end of a game, press “Rank” to display the Provisional Ranking; then click “Game Summary” to display each board’s Match Points or Percentage.

- After the game, log on as any table; press the “Rank” key and enter your pair number.

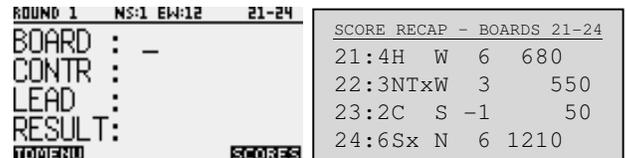


Note: When viewing game results at your last table, press the E/W or N/S button to view E/W or N/S results.

## Reviewing scores and rectifying scores

### Reviewing scores entered

After a board result has been entered and confirmed, players may want to review what has been entered. The Bridgemate allows the players to review their own scores at any time during the round and at end of round. To facilitate this function, enable the option “Score recap” in [Bridgemate settings](#) (Chapter 6). Press SCORES to show the recap.



The entered board results – Including the score points – are shown in board-number order. If more than four boards are played in the round, up and down function keys are visible for navigating through the results. To exit the score recap screen press the BACK function key.

### Rectifying an input error

If you have made an input error while the board result has not been confirmed yet by E/W, press CANCEL to rectify the error. In principle, it is possible to return to the board number input row by repeatedly pressing this button. It is also possible for E/W to reject the entered data by pressing CANCEL. The Bridgemate will now return to the input screen, and the entered data can be deleted by pressing CANCEL again.

Once E/W has confirmed the score and the message “Entry completed” has been displayed, the score can only be edited in the following two ways:

1. By the director through the special tournament director’s menu (TD-menu). See the section “TD-menu” below.
2. By the players themselves through the score recap screen. When “Allow players to erase scores” is enabled by the [Bridgemate Settings](#) (see Chapter 6), the score recap screen will show the CORREC function key. Press this function key, and – when asked for the board number to correct – enter the board number followed by OK. The result is now erased and can be entered again by the players.

## Posting Bridgemate II scores

### Results to Bridgemate Control Software

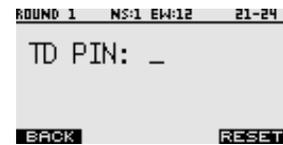
Information entered on the Bridgemates is first saved on the server. The BCS program continuously reads the data from the server and stores these in the result file.

## Posting scores in the scoring program

Once the scores have been saved in the result file, your scoring program can post the scores. For more information, please consult the manual of your scoring program.

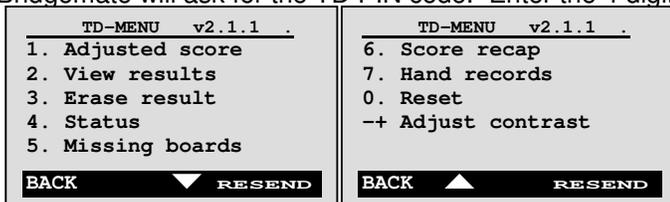
## TD menu

Tournament directors have far-reaching powers to verify and edit entered scores and to award adjusted scores. A special TD menu is available for this purpose. This menu is accessed with a 4 digit PIN code set in BCS's Bridgemate settings. The default PIN code is 0000. It is advised that the PIN code be modified before the Bridgemates are brought into use.



### Activating the menu

To access the TD menu, press the TDMENU function key whenever it is visible. The Bridgemate will ask for the TD PIN code. Enter the 4 digit PIN code. The TD-menu will now appear.



The TD-menu consists of two pages. Use the up and down function key to navigate between the two pages. To exit the menu, press the BACK function key.

To retransmit all results to the server, press the RESEND key.

### Menu options

The TD-Menu has nine options:

- |                    |  |
|--------------------|--|
| 1. Adjusted score  | To enter an arbitral (adjusted) score, press '1'. Note: the cursor must be on Contr:   |
| 2. View results    | For an overview of the entered scores, press '2'.  |
| 3. Erase result    | To delete an entry, press '3'.   |
| 4. Status          | If you would like to view the current table, section, round and pairs, press '4'   |
| 5. Missing boards  | To retrieve an overview of the board numbers not yet entered, press '5'.   |
| 6. Score recap     | Display results already recorded in the Bridgemate. Useful when the "Scores" option is not enabled for players to see the scores themselves. |
| 7. Hand records    | Use to View, Enter or Erase hand record(s).  |
| 0. Reset           | To reset the Bridgemate, press '0'.  |
| -+ Adjust contrast | To set the contrast of the screen, press + or -.   |

All options are available from both pages by pressing the corresponding key. There is no need to move to the page which lists the options in order to use them.

### Entering an arbitral score

It is possible to specify in the Bridgemate that an adjusted score must be entered for a certain board. With the cursor is positioned at CONTR, access the TD-menu by pressing the TDMENU function key, enter the PIN code, and once in the TD-menu, press '1'. The following screen appears:



Enter the arbitral score for both pairs. You can choose between 40% (average-minus), 50% (average) and 60% (average-plus). Press 4 or - key to enter 40%, 5 or = key to enter 50%, 6 or + key to enter 60%. It is not possible to enter a value other than these percentages. Press OK after entering both percentages. The Bridgemate will now return to the result entry screen with the assigned arbitral score displayed at CONTR. Press OK to confirm this, and confirm the verification screen. The Bridgemate system has now saved an arbitral score for this board.

### Retrieving overview

To obtain a overview of the results that have been entered on a specific board on this table, use the view results function of the TD menu - '2.'. You will be asked to enter the board number. The overview displays the pair number, direction of play, contract and result. The number of score points is not displayed. If the screen returns to the TD menu after the board number has been entered, no results have been registered for this board at this table. Note that results that have been entered on the same board but in other Bridgemates, will not be shown in this overview.

## Erasing entry

Directors always have the option of erasing entries. This can either be a board result from the current round or any previous round.

To erase a board input, press '3' in the TD-menu. The screen will display "BOARD:" – awaiting input of the board to be erased. Enter the board number and confirm with OK.

- If the board to be erased has only been played once before at this table, it will be erased immediately – regardless of which round it was originally played in.
- If the board was played more than once (e.g., some Howell movements), There will be a prompt asking for the round number.

If the particular board can be erased, the message "Board erased" will be displayed to indicate that the entered result has been erased. If the board has not yet been played at this table, the Bridgemate will return a message saying that no results could be found for that board number.

Once a board result has been erased, the correct information may be entered.

**Note when using the ACBLscore:** Board results may be erased at the Bridgemate; however, the correction **will not be** transferred to ACBLscore if the result has already been posted into ACBLscore. Once a board has been posted into ACBLscore, the correction must also be made in ACBLscore.

## Retrieving current status

If you no longer know to which table and section the Bridgemate relates, you can retrieve this information in the status part of the TD menu. Press '4' to retrieve the status. The expected table and section of the Bridgemate will be displayed first, followed by the current round, corresponding pairs at the table and the boards to be played in this round.

TD-MENU - STATUS	
Table:	A1
Round:	1
Pairs:	1-12
Boards:	21-24
<b>BACK</b>	

## Overview of missing scores

From the TD menu, it is easy to establish which boards of the round have not yet been entered. Press '5'. The Bridgemate will now display the numbers of the boards not yet entered in this round at this table.

## Resetting the Bridgemate

The Bridgemate can be reset from the TD menu. Press '10' and OK when prompted to confirm 'Reset Bridgemate?'. It will now return to the main screen.

## Score recap

The scores recorded in the Bridgemate for the current round may be viewed. This may be helpful to verify results entered when the ability for players to see the scores themselves has been turned off in the Options settings.

## Hand records

View, enter or erase hand records from any Bridgemate.

TD-MENU - HAND RECORDS .
1. View hand record
2. Enter hand record
3. Erase hand record
<b>BACK</b>

When entering a board, this confirms the boards still to be entered.

ENTER HAND RECORDS .
BOARD :
VALID BOARD NUMBERS :
3-4, 6-10, 12-27
<b>BACK</b>

## Setting contrast

Screen contrast may be adjusted from the TD menu. Press + (plus) to make the screen darker or – (minus) to make the screen lighter. Press the button several times to adjust the contrast. It is also possible to adjust the contrast by going to the Setup menu (from the Bridgemate II main screen), see Chapter 5, [Configuring the Bridgemate](#).

## Retransmitting all scores

Each score entered is stored in the Bridgemate's internal memory. When one or more scores have been entered, the TD-Menu will show the RESEND function key (above the NT button). This allows the TD to retransmit all scores to the server. For more information about its usage, see Chapter 7, "[Resending Results](#)."

## Chapter 6: Additional Bridgемate functions

Bridgемate Control Software has a number of functions specifically designed for the Bridgемate II scoring devices.

### Bridgемate settings

For Bridgемate settings use menu *Tools*  *Options*  *Bridgемate*

#### Settings specified by BCS or scoring program

Bridgемate settings can be specified either by the scoring program or BCS. For the scoring program to control Bridgемate settings, choose “Scoring program.” Check your program’s settings for Bridgемate options. Select “Bridgемate Control” when you want to use BCS to control the Bridgемate settings disregarding the information provided by the scoring program.

#### Settings

##### Displaying previous results overview and percentage

To enable the Bridgемate to display an overview of previous board results, check the “Show previous results” option. To display your own score in this overview, check the “Show own result” option. Your own score is indicated by a  (when showing six scores per screen) or by bold characters (when showing four scores per screen). Limit the number of scores to be displayed by entering a maximum number. “Unlimited” removes the limitation. Boards may also be displayed as “Traveller” – one line for each result

To display the board result percentage achieved so far, check the “Show percentage of own result” box.

When multiple sections are calculated as one, check the option “Group sections for results.” The percentage will be calculated across the field, and the results on all boards with the same number are shown in the previous results overview. Especially in this case, it is recommended to set a maximum number of scores you want the Bridgемate to show. Without doing so, the players will use up a greater amount of time reviewing the results at large sessions.

Results overview ← Results can be shown 6 different ways: See [examples](#) on Page 24. Ranking = best to worst.

##### Perspective of score points

Score points – on the East/West Verification screen – can be displayed from the perspective of the declarer or from the N/S direction of play. In the latter case, E/W score points are shown as an opposite score (4H making 5 by E/W is displayed as -450 or -650). This applies to the score points displayed in the verification screen for E/W and the score recap. The overview of previous board results always shows the scores as 1 or 2 columns – N/S best to worst.

Entering results Results can be entered in three ways: as overtricks / downtricks, as the total number of tricks won, or American style (tricks made/down). This should be “American Style” in North America with ACBLscore.

Displaying the pair number If you do not wish to display the pair numbers in the round-information screen, disable the “Show pair numbers at round info” function. This option can be used for team-of-four events.

##### Transmitting contracts

The Bridgемate offers users the option of feeding information to the server immediately after the contract and/or lead card have been entered. This could for example be displayed on vugraph presentations while the game is still being played. If you wish to feed this information to the server, check the “Intermediate transmission of contract” box.

Board order verification Check if you would like the Bridgемate to verify that the boards are played in the logical order. An error message will appear on the Bridgемate if the entered board number is not in logical order.

Lead card If you would like to enter the lead card on the Bridgемate, check this setting.

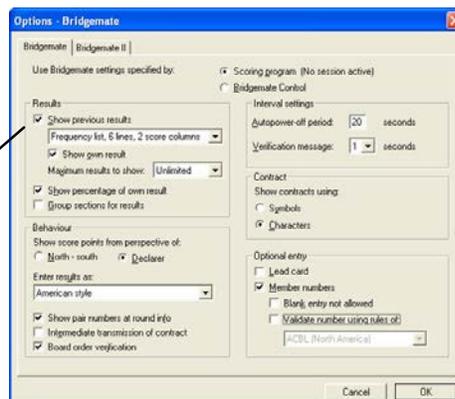
Member numbers If you would like to enter the member numbers on the Bridgемate, check this setting. By default, players have the option of leaving the entry blank when entering the member number. If entry of member numbers is compulsory, check the “Blank entry not allowed” box.

Validate member number When checked, you may specify ACBL member numbers are to be validated.

View contract Use this function to specify whether card symbols or letters to display the contract.

##### Auto power-off periods

The Bridgемate will automatically go into auto power-off mode if it remains idle for a while. The default setting is 20 seconds. To change this setting, enter a value between 5 and 60 seconds in “Autopower-off period.” In “Verification message,” enter the length of time you would like the message “Verification by East or West” to be displayed.



## More Bridgemate settings (on Bridgemate II tab)

**TD PIN code** Set the 4-digit PIN code to access the TD-menu.

### TD confirmation for No Play

Check the “No Play requires TD confirmation” box if players must call the TD for “No play” approval.

### Show remaining boards to be played

Enable this option to show the number of remaining boards in the current round after E/W verification.

### Show seatings for next round

With the “Next seatings at end of round” option, the Bridgemate shows which table pairs should go to and the direction to sit; to stay in their current position; or that they will have a bye.

### Show score recap and allow score corrections

To allow the players to retrieve a score recap of their own scores entered in the current round without the TD’s assistance, check the “Score recap” box. However, normally players are expected to call a Director when a score needs to be corrected; thus, do not check the box “Allow players to erase scores.”

### Show score recap automatically

When this option is checked, the Bridgemate will automatically display the scores for all boards played in the round just completed at this table. It does not show the results of these boards at any other table.

### Automatic entry of board number

If you want the Bridgemate to automatically fill in the board number and players only to confirm the number with OK, enable this option. If board sharing takes place frequently and the order of boards played deviates from the logical order, it is advised to disable this function. Alternatively, you may wish to check “Enter first board in round manually.”

### Enter first board in round manually

When boards are shared between tables and for team games where boards are shared, this option will expect the players to enter the first board they are playing; thereafter, the next board will automatically be entered.

### Enable RESET function key

Pressing the TDMENU key will display RESET on Bridgemates II for player access. At times, it can be helpful to instruct players to reset their Bridgemate[s]. This does not cause any problem since the Bridgemate will automatically return to the same screen when it is restarted.

### Recording of bidding and play

Bridgemate has a built-in capability to record and bidding and play. This feature is generally only used at large, international tournaments where live coverage of the game or full recording for statistical or review purposes is done. Refer to the Bridgemate Developer’s Guide for more information on this topic.

### Pair number entry as part of declarer

The declarer on a board is normally indicated by direction only. As an additional verification of a possible pair arrow switch (not uncommon in Howell games where pairs switch direction), the pair number may be entered as part of the declarer. Players will be warned when the combination of pair number and direction input is not valid.

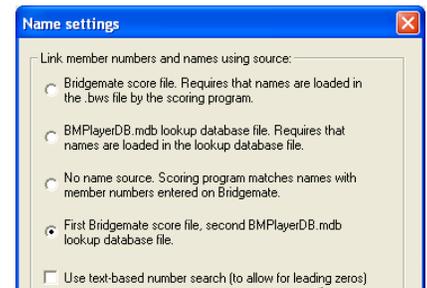
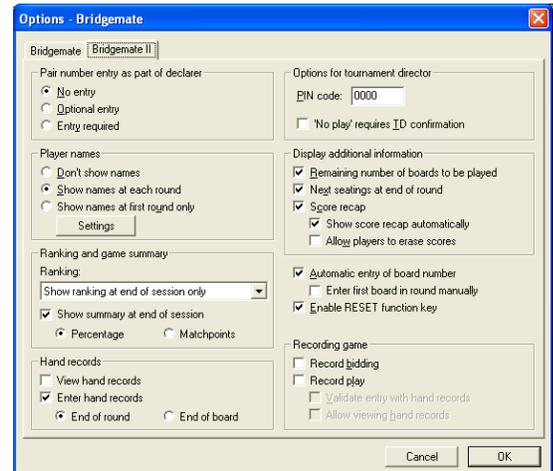
## Showing player names

In order to promote correct seating of players, Bridgemates can show the player names at the start of the round. By reviewing the names, players understand if they have taken their correct positions.

### Configure name settings

Check “Show names at each round” or “Show names at first round only.” Next - click “Settings” to configure which source BCS should use to find the player names. Clubs/Units with a local player database will check the 1<sup>st</sup> option; when using a Tournament database, check the 2<sup>nd</sup> option. TD’s that direct Club/Unit games as well as tournaments may check the 4<sup>th</sup> option; thus player names will automatically be found in either the “local” or the “national” database. The 5<sup>th</sup> option is for databases that have player numbers with leading zero’s.

**Sit-out Pair Names Display** See Chapter 8 – [Names Display for 1<sup>st</sup> Round Sit-out Pairs](#).



### Showing names using member numbers

Member number entry at the start of a session is mandatory in order to identify the players. Make sure that member number entry is enabled (in the scoring program or Bridgemate options). BCS uses the member number to find the player name. This requires that the correct source for the player names has been selected, either Bridgemate score file, BMPlayerDB.mdb lookup database file, or “both” (4<sup>th</sup> option above) and that the source contains the names. If the wrong source is selected, or the source doesn't contain any names, BCS will not be able to find the player name.

Once BCS has found the player number, it will show the name and number in the “Players” tab, and show the name on the Bridgemate. Special procedures are required in order to display the names of the pair with the first “sit out.” See Chapter 8, Phantom-table sit-out pairs, for more information.

### Changing names

In addition to the ability to make corrections on the Bridgemate (see “Review player names” on page 22), corrections and additions can be made in BCS from the Players tab. Double-click in the “Name” column at a table/direction and enter or modify a name; the new name will automatically display on the Bridgemates II. Alternatively, double-click on the member number and provide a new or correct number. BCS will display the name for the new/corrected number.

## Hand Records

Boards that have been shuffled and dealt at the table may be recorded by the players. Hand records are entered on the Bridgemate – after each board is played or at the end of a round. It is not compulsory, so slow playing tables can move on to the next round; subsequent table(s) can then enter the hands. Also, the Director can enter hand records using the TD Menu. North, East and South cards are entered; the remaining cards will automatically display for West.

ENTER HAND RECORD  ENTER HAND RECORD?	ENTER HAND RECORD Board: VALID BOARD NUMBERS 7-8  SWAP	ENTER HAND RECORD-BOARD 7 NORTH 13 CARDS S: AK65 H: 10943 D: QJ82 C: 9
--	---	---

If the “View hand records” option is checked, players may view a hand on their Bridgemate after playing the board. The Director may use the TD MENU (from any Bridgemate) to display any hand record – regardless of the “View” option setting. Also, hand records may be viewed in BCS.

Server	Tools	Help
Show tables		
Show all scores		
Show hand records		

Hand records entered on the Bridgemates (or imported from a .dup, .pbn or Big Deal .csv file) are stored in the result (.bws) file. There is a more detailed description “Hand Records and Makeable Contracts” on the Bridgemate flash drive and on our website [www.bridgemate.us/how-to-guides/hand-records/](http://www.bridgemate.us/how-to-guides/hand-records/)

Use File  Import  from .DUP, .PBN or .CSV to enable displaying hand records at the table. Director's will be able to review the hand records using TDMENU. Also, when enabled, players will be able to view hands.

## Analysis of Makeable Contracts (Double-dummy Analysis)

BCS has integrated makeable contract analysis based on Bo Haglund's Double Dummy Solver. Makeable contract information is stored in the result file and can be printed or exported together with the hand-record information. To control the analysis feature go through Session  Report session. Then, click on the “Hand record analysis” tab.

Hand records can be analyzed automatically (when each board record is entered). Alternately, all available hands (including those imported from a .dup file) can be “manually” analyzed.

Session	Server	Too
Edit movement		
Synchronize / rec		
Update movermer		
Close rounds		
Upload hand recc		
Run Bridgemate F		
Report session		

## Printing and Exporting Hand Records

Use File  Print – to print hand records (with or without analysis) direct to a printer – or – export and save in one of several formats.

Use File  Export to export hand records a .pbn or .dup file. If there has been a BCS analysis of the hand records, the .pbn file will include makeable contracts.

## Update settings during play

Option settings are sent to the Bridgemates when a new session is started and Bridgemates log in to the server. It is also possible to modify the Bridgemate II settings during play and have the Bridgemates use these new settings.

To update the Bridgemate II settings after the Bridgemates have already started the session, do the following:

1. Update the Bridgemate settings either through the Bridgemate and Bridgemate II settings tabs in BCS (Tools  Options) or in ACBLscore.

2. Go to menu Server  Show Tables.
3. Select the tables for which you wish to update the settings. Note, CTRL + A will select all the tables at once.
4. Press the “Update settings” button. The selected Bridgemates II will now receive the modified settings.

**Note:** The “Group settings” setting cannot be updated during a game. BCS always uses the initial game setting from an F11  BMS start.

## Updating Bridgemate firmware

The Bridgemate is controlled by a piece of software in its internal memory. This software can be changed from BCS. In concrete terms; this means that the Bridgemate can be updated and functions changed/added.

### Preparing the Bridgemates:

- Collect all the Bridgemates you want to update.
- Make sure they are set to the same region and channel as the server.
- Make sure they show the main screen with the Bridgemate logo.
- Bridgemates should have enough battery power; the battery indicator should not blink.

### Preparing the computer:

- Connect the server to your computer and the mains power.
- Start BCS without an active session. BCS can be started from the Windows Start  All Programs menu.
- Make sure the Region and Channel settings of the server match those of the Bridgemates.

### Starting the firmware broadcast:

- In BCS, go to menu Tools  Bridgemate  Bridgemate II update firmware.
- Click “Select firmware file”  browse to the desired .bm2 firmware file (e.g., BM2\_2-1-1.BM2)  click “Open.”
- Click “Select firmware version”  click the desired “language” version.
- Click “Upload firmware” to upload the firmware to the server. This may take a while to complete.
- Make sure “Continuous transmit” is checked and press “Transmit firmware”. Press OK to confirm.
- The firmware is now continuously being broadcast by the server. A progress bar shows the ongoing status of the server’s broadcast – starting again after reaching 100%. This will continue until the “Stop transmission” button is pressed, or after the firmware has been broadcast twenty times.

### Receiving the firmware by the Bridgemates:

- Press OK on the Bridgemate to awaken the device.
- Press SETUP to enter the setup screen; if needed, enter pin code 749 (or 769).
- Press INFO  press UPDATE  press OK to start the receive mode.
- Provided that the firmware broadcast has been started in BCS, the Bridgemates will start receiving the firmware. A progress bar on the Bridgemate indicates how much of the firmware has been received. When the firmware is received completely, the Bridgemate will return to the main screen.
- Bridgemates may be updated concurrently. Any number of Bridgemate may be updating at the same time.

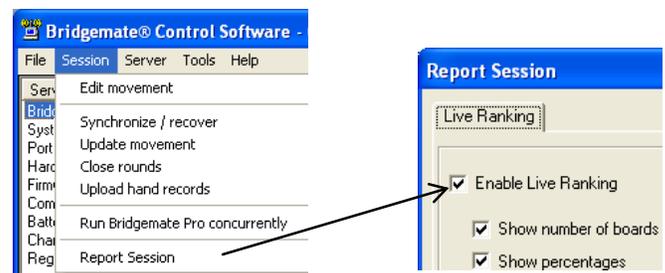
After all Bridgemates have updated, press “Stop transmission” to stop broadcasting; close the update window.

### Remarks:

- Do not abort the transmission before all Bridgemates that are receiving the firmware update have finished.
- If firmware transmission is interrupted, Bridgemates remain in firmware update mode until the firmware is again broadcasted and received fully by the Bridgemate.
- The transmission progress bars in BCS and on the Bridgemate do not necessarily progress equally.
- When the progress bar on a Bridgemate reaches 100%, it will take a few more seconds to complete.

## Real-time Publication

During a game the rankings may be continuously displayed. The display will start after a few seconds (it opens your browser – Internet Explorer, Firefox, etc.). As each new score is received, the display will automatically update to show the latest rankings.



## Chapter 7: Tips for use

### ***Bridgemate logged on as the wrong table***

When a Bridgemate logs on under a wrong section or table number, this will have its effect on the Bridgemate of the other table whose section and table number has now been occupied.

To rectify this situation, the Bridgemate II has a simple “take over table” procedure. Just let the Bridgemate of the correct section/table start the session. It will show that the table was already started by another Bridgemate and asks to proceed or to cancel. Press OK to proceed, and call the TD to confirm the take-over using the TD PIN code. The TD should press the “Erase” button to remove the player numbers and any scores entered by the errant table. The correct table may now enter their player numbers and start playing. After confirmation, the table will start the session.

The wrongly-logged-on table will now see a message that another table has taken over. They may now log on as their correct table, enter their player numbers and any results.

```
TABLE STARTED
BY ANOTHER
BRIDGEMATE
PROCEED AS A1?
```

```
CALL TD TO
START
AS TABLE A1
TD PIN: _
```

```
Press ERASE to erase
all previous data.
Press CONTIN. To
continue and retain
previous data
```

ERASE

CONTIN

```
ANOTHER
BRIDGEMATE HAS
TAKEN OVER
```

### ***Replacing Bridgemate***

If for whatever reason you need to replace a Bridgemate during a session, and you are unable to log off the Bridgemate using its reset function, proceed as follows:

- Remove the Bridgemate to be replaced.
- Take another Bridgemate and set it to the Section/table where you wish to place it in service.
- It will inform you that the table has been started by another Bridgemate: Press OK to proceed, enter the TD PIN code, press CONTIN. This Bridgemate has now replaced the unit that was “taken out of service.”

Alternatively:

- In BCS, go to menu Server  Show tables.
- Select the relevant table and press “Log off table[s]”. The Bridgemate will now be logged off from the server.
- Take another Bridgemate and set this Bridgemate to the correct section and table number. Also make sure to set the correct channel.
- Activate this Bridgemate. The Bridgemate will take over the position of the old Bridgemate.

### ***Recovering the server***

If the server is accidentally disconnected from the PC – and there is no battery power – all data will be lost and the Bridgemates will stop functioning. Bridgemates will typically display “FAILED TO SEND, RETRY?” BCS, however, is able to recover the old situation. Proceed as follows:

- Make sure the server is reconnected the PC and that BCS shows the server is “Connected.”
- In BCS, go to menu Session  Synchronize / recover.
- Go to the “Recovery” tab and press “Recover server” and follow the screen prompts – including entering the 3-digit number (when prompted). All information from the result file will now be moved into the server.

When recovering the server, it is important that all data had already been read from the server into the result file. If this is not the case, information that had not been recorded so far will not be recovered back into the server.

It should also be noted that results may be resent to the server.

#### During a game:

On the TD-MENU page  
press the RESEND key

#### After a game has finished

and before the next game is started, go  
to SETUP  INFO press the RESEND key.

```
TD-MENU v2.1.1
1. Adjusted score
2. View results
3. Erase result
4. Status
5. Missing boards
BACK RESEND
```

```
HARDWARE: 1.0
FIRMWARE: 2.1.1
PROD.DATE: 2012-3
```

```
BACK UPDATE RESEND
```

### ***Procedure in the event of data loss***

The security of the board results entered in the Bridgemate II scoring system is given top priority. The best defense against data loss is that results are stored in multiple locations, namely:

- *The Bridgemate memory*

All results entered in the Bridgemate are sent to the server. At the same time, each result is also stored in the Bridgemate’s internal memory. These results are stored until the Bridgemate is logged on for a new session and the first result (of the new session) is “accepted.” Then the memory (of the prior session) will be erased.

The data remains stored in the Bridgemate, even if no batteries are installed. See “Resending results” – on the next page – on retrieving results from the Bridgemate’s memory – direct – to the results (.bws) file.

- *The server memory*  
Results entered in the Bridgemate are sent to the server, and stored in the server's internal memory. It is essential that the server has batteries installed – so it can switch to battery power if the PC power is lost. If there is no power source all data will be lost. It should be noted that the server will stay active on battery power alone for an hour after its last action, e.g., the last result is sent from a Bridgemate.
- *BCS result file and log file*  
BCS continuously reads the new results from the server and processes these into the result file. This data is immediately written to the hard disk of your PC, ensuring the data is safe – even in the event of power failure. All results shown on the BCS screen have been written into the result file.  
BCS also has a log file, containing all the relevant events. All received results are written to this log file. To view the log file, go to the Tools  Show log file menu. The actual file – BMPProLog.log – is located in the folder specified under the Tools  Options  General  File locations Tab.  
**Special Note for Vista, Windows 7 and Windows 8 Users:** See [Log file settings](#), Chapter 3, for details.
- *Session file in your scoring program*  
Lastly, the scoring program retrieves the results from the result file and stores the results in its own files.

The results are therefore stored in five locations in total. In the event of data loss in one of the five locations, it is possible to check whether the results are still stored at the next level up, and to reprocess the results from there.

#### Scoring program data loss

In the event of data loss in the scoring program, check whether the results are still stored in the BCS result file. The recommended method is to launch BCS from the Windows Start  All Programs  Bridgemate Pro  BCS. Once BCS is started, go to the File  Open menu and select the result file for the session. If the results appear on the screen, they have been stored in the result file. The results can now be reprocessed from the scoring program.

#### BCS data loss

If the result file contains no results (see the above-mentioned step), it is possible to retrieve them from the server and to read them in the result file. The first step is to check whether the results are still stored on the server. Use the Server  Show all scores menu for this purpose. All the results stored in the server will now be shown. If the correct results are shown, it is possible to read them manually using the Server  Show tables menu. Select all tables (Ctrl-A is a shortcut to select all the tables) and press “Retrieve scores”. The results of the selected tables are retrieved from the server and processed in the result file. The results can now be read by the scoring program.

#### Server data loss

If neither the server, nor the result file, nor the scoring program contains any data, your last resort is to retrieve the results from the Bridgemates. All results entered in the Bridgemate are stored in the internal memory of the Bridgemate and can be resent to the server. See the section above entitled “Recovering the Server.”

#### Warning

The board results are stored in the internal memory of the Bridgemate. Once the Bridgemate has been started up again for a new session, the memory is erased and all the data removed. This procedure is executed after you have pressed OK in the SECTION/TABLE screen and the Bridgemate has logged into the server. Ensure that no players are operating the Bridgemates to avoid the Bridgemate logging into the server.

#### Retrieving results from the log file

Results can also be retrieved from the log file. All results entered in BCS are stored in the log file. To view the log file, go to the Tools  Show log file menu. The selected rows can be copied and saved to an empty text file and printed. Automatic processing is not possible; the results must be entered manually in the scoring program. The actual file, BMPProLog.log, is located in the BCS folder, normally C:\Program files\Bridgemate Pro.

**Special Note for Vista, Windows 7 & 8 Users:** Because of Windows’ “security precautions,” use the BCS option to specify a non-Program Files folder where the Log File should be saved. See [Log file settings](#), Chapter 3, for details.

## **Resending results**

The Bridgemate retains the board results in its internal memory – until a new game is started and a new board is entered. With a simple command, these results can be resent to the results (.bws) file. This is useful when results have been lost from both the computer and server inadvertently and your last resort is the Bridgemate device itself.

Results can be resent from both the TD-menu and the setup menu. Proceed as follows:

1. Make sure the server is connected and loaded with the session data (tables, movements). If the server data was lost as well, restart BCS from ACBLscore (F11  BMS); this loads the session data into the server.
2. a) Bridgemates, which are still in result-entry mode, can resend the results from the TD-menu. Access the TD-menu with the TDMENU function key and PIN code, and press the RESEND function key.

- b) Bridgemates, which show the main screen, can resend the results from the setup menu. Press SETUP and the 749 or 769 Setup code; on the Setup menu; press the INFO key, followed by RESEND function key.
3. The Section/table and number of results in the Bridgemate's memory displays. Press OK to start the retransmission. Retransmission will only succeed when the server is activate and contains the session data.

After retransmission, the board results can be posted into the scoring program using normal procedures.

### ***Multiple bridge clubs playing simultaneously***

There may be times when 2 or more bridge clubs are playing at the same time in one building – each with their own client PC. As the Bridgemate server can accommodate only one specific client computer at a time, it is not possible for two clubs to make use of one server simultaneously. Both bridge clubs will, therefore, require their own server.

It is, of course, vitally important that they do not interfere with each other. This problem can be rectified by:

- each club using different Section letters. In this case the clubs can use the same channel.
- the systems communicating over different channels. The first club sets its system (server and Bridgemates) to channel 0, while the other uses channel 1. A third and fourth club can then use channel 2, 3, etc. This method enables multiple clubs to use the Bridgemate scoring system in the same area simultaneously with the same Section letters without causing any interference.

### ***Large tournaments***

During large tournaments, more than one server will be required to control over 256 tables. The layout of the tables is important in this respect. If the tables are outside the range of the server, an extra server will be needed to increase the range. The Bridgemate Scoring System supports multiple servers over a network. In principle, this network can support an unlimited number of tables. The following guidelines must be observed:

- You will need a fully operational network in which all used PCs are interconnected, enabling them to access and process files.
- Only one result (.bws) file is used, containing all session data and board results of all tables.
- The scoring program is running on one of the computers in the network. It is not necessary for the scoring program to be running and/or the result file to be stored on one of the client computers that is running BCS. From an organizational point of view, it may be easier to use a separate PC containing the scoring program and .bws file. Client PCs access the .bws file over the network.
- Each Bridgemate server is connected to its own PC (=client) where BCS is running. Do not connect two servers to one client PC; although technically feasible, it may cause unnecessary confusion, as both servers are using the same client name. Worse still, it may even be counter-productive if both servers are operating over the same channel.
- Use different channels for each server, especially if the servers are within range of each other. Only use the same channel if you are sure that the servers are not interfering with each other (e.g., in different buildings).

### **Using ACBLscore and Bridgemates on a Network**

ACBLscore and the Bridgemate Scoring System can be used on a network where the ACBLscore program and Bridgemate Control Software (BCS) software both operate on one computer. Each separate client computer will run its own BCS program and open the single result file, e.g., 070904E.bws, on the ACBLscore computer.

#### **ACBLscore Computer**

- Configure the C:\ACBLSCOR\GAMEFILE folder for Network sharing and "change my files" by a remote computer.
- In BCS, Server  Show Tables, highlight tables controlled on the remote computer[s] and click Delete Table[s].
- The BCS option (Tools  Options  General) "Mode = Club [single computer]" should be checked.

#### **Remote Computer[s]**

- Open BCS program and check the BCS option "Mode = Club [single computer]" (Tools  Options  General).
- Use File  Open to manually open the \*.bws file on the ACBLscore computer.
- BCS lower left: Highlight tables to add to this client  right click and click Add to client

Note: The tables not "added" above, will not be in this "remote" server.

If the Bridgemates working into the Remote Computer[s]' server[s] are configured for different channels, the BCS changes need only be made at the Remote Computer[s].

Contact Bridgemate.US for more detail.

# Chapter 8: Using Bridgemates II with ACBLscore

ACBLscore (Windows), starting with version 7.45, supports the Bridgemate Scoring System. This chapter describes how to use ACBLscore to activate Bridgemate Control Software (BCS) and retrieve information from the result file.

## Installation

### Software Required

- ACBLscore (Windows version) v7.93 or later – download from [www.acbl.org](http://www.acbl.org)
- Bridgemate Control Software install program – on website [www.bridgemate.us](http://www.bridgemate.us) or Flash Drive.

### Install software

The BCS program controls communication with the Bridgemate II hardware and exchanging data with ACBLscore through the result file. The default installation folder is C:\Program Files\Bridgemate Pro. If BCS is installed in another folder, you will need to identify the “different” installation folder to ACBLscore.

- BCSsetup.exe installs BCS and the USB driver. It is recommended you accept the default installation folder.  
**Special Note for Vista, Windows 7 and Windows 8 Users:** Because of Windows’ “security precautions,” use the BCS option to specify a non-Program Files folder where the Log File should be saved. See [Log file settings](#) on Page 17, Chapter 3, for specific details
- Install ACBLscore Version 7.93 or later.

Note: Normally, BCS and ACBLscore will be installed on the same “client” PC.

### Connect the Bridgemate Server to the Computer.

The server uses a standard USB cable. Windows should recognize the new device and provide screens to install the driver. The Server receives power from your computer’s USB port. The **4 AA batteries should always be installed** to provide “backup” power if there is any PC power problem. This will preclude inadvertent loss of scoring data.

## BCS Setup

### Verify BCS/server connectivity

Once the server has been activated, start BCS to see if it finds the server. Normally, BCS is started by ACBLscore; but to verify server connectivity, it is recommended BCS be started directly from the Windows start menu at this time. [Go to Start - All programs □ Bridgemate Pro □ Bridgemate Control.] A small text bar will display while it searches for the server.

The BCS screen should show “Connected” in the upper left “Server Information” section.

Verify that the region is set to North America.



Server information	Value
Bridgemate server	Connected
System	Bridgemate II
Port	USB
Hardware version	1.1
Firmware version	1.3.107d
Communication version	1.1
Battery level	0%
Channel	0
Region	North America

### Set BCS options

Go to menu Tools □ Options □ General

“Club (single computer)”

“Disable server detection” (unchecked)

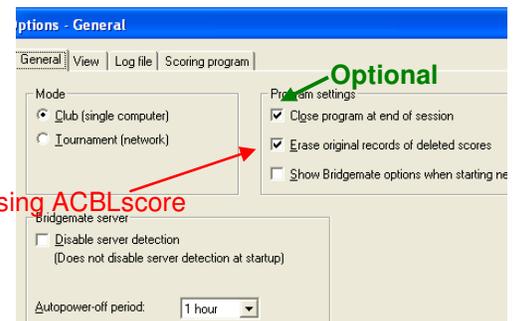
“Erase original records of deleted scores” **MUST be checked when using ACBLscore**

See Chapter 3, [Program Settings \(Options\)](#), page 17 for option settings on the General, View, Log file and Scoring program tabs.

Go to Tools □ Options □ Bridgemate

Options should be set as appropriate. See the laminated

Quick Setup Guide and Chapter 6, [Bridgemate settings](#), page 28.



### Configure Bridgemates

1. Use SETUP to configure each Bridgemate.
2. Each Bridgemate may be:
  - assigned to its own Section and Table: A1, A2, A3 ....., B1, B2 ....., etc.
  - configured for manual entry of the Section/Table by players at the table when a new session is started,

- set to scan for available Sections. For example: A=1 D=2 (Enter 1 for Section A or 2 for Section D)  
See Chapter 5, page 21 – [Activating the Bridgemate](#).

- The default RF (radio frequency) channel is 0. If you experience transmission troubles with this channel, change to another channel. The channel selected in BCS for the Server must always be the same as the one set in all the Bridgemates. The frequency range for North America is 902 ~ 927 mHz.

Note: Bridgemates automatically shut off power when not in use. Batteries need not be removed when not in use.

In the upper left corner of the Bridgemate II screen there is a small battery indicator. Full batteries are indicated with a full indicator. If the battery power is extremely low, the battery indicator will show an empty battery and the indicator starts blinking. Although it is safe to continue using the Bridgemate for several more sessions, it is recommended that the batteries be replaced as soon as possible.

The average battery life is approximately 400~500 sessions. However, this depends largely on the length of each session, the time frame over which these sessions are played, and how the Bridgemates are stored. Make sure no keys are pressed during storage.

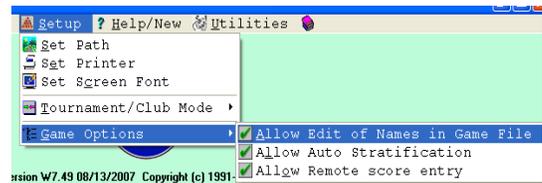
The Bridgemate Scoring System is now ready to be used with ACBLscore.

## ACBLscore Setup

When the background screen is **green**, the program is in Club Mode and Game Options will be visible. If the screen is **pink** and/or Game Options is not visible, switch to Club Mode (from Tournament mode).

### Enable Bridgemate functionality

Go to: Setup  Game Options



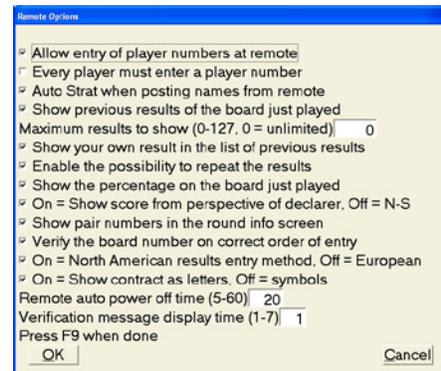
It is recommended that all 3 options be selected.

### Set Bridgemate Options in ACBLscore

It is recommended that Bridgemate options be configured in BCS for control by the scoring program – ACBLscore. Once the Bridgemate options have been set, they will be used for all future games – until changed.

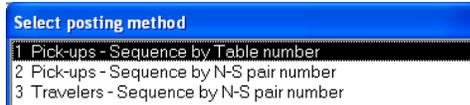
When a game is first “opened,” press F11 to display the “Select Command” screen. Left click on “BMO Remote Options” or highlight the line and press ENTER.

Typical club game options are shown here



### Set up a Game

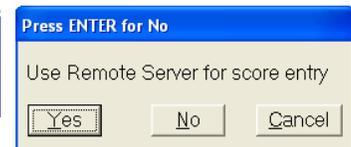
- With the BCS program already installed, create the game file and set up sections in the normal manner.



Special considerations are:

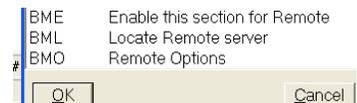
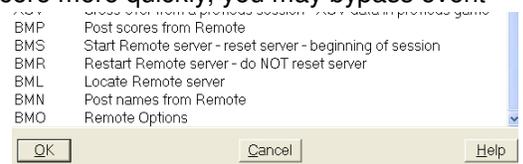
Pick-ups should be: “Sequence by table number”

Click “Yes” or use cursor key to highlight “Yes” and press ENTER to “Use Remote Server for score entry”



- ACBLscore automatically interrupts “posting” as of the penultimate (next-to-last) round to accommodate preparing a one-round-to-go report. After all results for the next-to-the-last round have been posted, one or more additional ACBLscore “post” commands will be needed to complete a game.

3. To set up a new game (especially with multiple sections) in ACBLscore more quickly, you may bypass event rating. See [Quick Setup Tips](#) on page 38.
4. When all Sections are set up, start BCS software.  
The Bridgemate commands are at the “end/bottom” of the F11 commands; scroll down, or press the End key.
5. The **BMO** command is used to set Bridgemate options, when BCS software is configured to use options settings specified by the “Scoring Program.”
6. The **BMS** command is only used to start a new game/session. This will **RESET** the BCS software, server and Bridgemates – **erasing any existing settings**.
7. The **BMR** command is used to “restart” BCS without losing data already entered. This may happen when the PC has been stopped, e.g., due to a power failure, PC reboot, or any other reason for BCS being shut down during a session. There is no loss of data when **BMR** is used to restart the Bridgemate software.
8. Special note: If Bridgemate use was not enabled as shown in item 1 above, there will be a **BME** command visible. This should be used to “enable” the Bridgemate Scoring System for each section in the game.



### Read data from the Bridgemate Scoring System into ACBLscore.

- The ACBLscore screen is normally visible on the PC, and the BCS screen is minimized.
- When you first key F11 (or F9) the keyboard may appear to be inactive. Use the mouse (or touch pad) to move the cursor within the ACBLscore screen and left click. This will normally enable/activate the keyboard.

### Player Numbers

- If Player Numbers are to be entered at each table, this will be done as each table starts to use a Bridgemate. After play has started, names are read from the result file into ACBLscore – using the BMN command.  
Key F11  B  M  N -or- F11  End & highlight the BMN command line; Press ENTER
- **Special Note: In multi-section games the BMN command must be issued separately for each section.**
- ACBL Life Members enter their alpha character as a number. J=1, K=2, L=3, M=4, N=5, O=6, P=7, Q=8 & R=9. A “Life Master ACBL Alpha = Number” file is on the Bridgemate Flash D drive. There is a Life Master ACBL Alpha=Number label on the bottom of each Bridgemate.
- Non ACBL member “pseudo” numbers: When there are regular players who are not ACBL members, each non-member may be assigned a pseudo number that may be used. Pseudo numbers are in the ACBLscore database preceded by the “#” character. For example: Player number 19 will be “#19” in the database.
- For each number found in the “Club” or “Tournament” database, the player’s name will be entered into the Player Names (F3) file. If a number (ACBL member or pseudo) is not found – or no number has been entered – there will be no entry made in the file for that player.
- The **BMN** command will be available whenever ACBLscore’s Bridgemate Options is configured to “Allow entry of player numbers at remote.” ACBL member numbers as well as non-member “pseudo” numbers are read into ACBLscore and entered in the Names (F3) file. The **BMN** command must be executed separately for each Section in a session. If the ‘Auto Strat when posting names from remote’ option is checked, a strata will be assigned to each pair based on the players masterpoints in your ACBLscore database; otherwise all names (read in from Bridgemate) are entered in the Names file as strata “A” until the STRAT command is run. The F11  STRAT command is used to assign the correct strata to each pair.  
Note: Use the F3 command to manually enter the names of new players and those without a number. Use the up-arrow key to move into the player name field when there is only one player in a pair.
- Before or after the “auto stratify,” manually enter the names of players not shown in the Player Names file. With “Allow Auto Strat” – see page 36 – you will be prompted to confirm the strata for each pair.

**Note:** When using a Mitchell-Rover movement, there will be no opportunity for the “bump” team (that moves to different tables) to enter their player numbers. Use F3 to enter the names of the “bump team” players.

#### View player numbers and names:

When ACBLscore is shown as the scoring program and the “Load player database after BMS command” is checked (See Chapter 3, [Scoring Programs](#), page 18), numbers entered by the players and the corresponding names from the ACBLscore database will be shown on the BCS screen – “Players” tab.

## Board Results

- Once boards have been played and the results recorded on Bridgemates, the information may be “posted” into ACBLScore. Typically, this is done periodically throughout the game. This will also enable the scorer (usually the director) to spot any anomalies that might occur.
- The BMP command (F11 followed by B-M-P – or “End”) is to read board results from Bridgemate and post them into ACBLScore. Posting will automatically stop at the end of the penultimate round – to accommodate the preparation of a next-to-last round report. After the penultimate round has been posted, one or more additional “post” commands are needed to read all of the final results. **Ctrl-P** is a shortcut for this command.

When posting results in a multi-section session you will see:

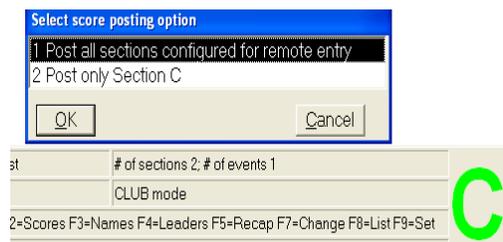
1 Post all sections configured for remote entry

2 Post only Section x

If you wish to post only scores for the “active” session,

- click on “2 Post only Section C” and click OK,
- press “2” and press Enter, or
- use the arrow keys to highlight the line and press ENTER.

Otherwise just press ENTER to post scores for all sections.



- The ACBLScore screen displays the number of rounds whose scores have all been posted. After all of the rounds being played are shown as “entered,” the section/game is over. Results and reports can be displayed and printed using F4, F5 and/or F8 as desired.
- Before a score has been accepted, the TD MENU can be used to separately assign an arbitral score [AVG – (40%), AVG = (50%) or AVG + (60%)] for E/W and for N/S. **Note:** The cursor must first be on the Contr line.
- Scores already accepted/recorded in a Bridgemate – but not yet posted into ACBLScore – can be corrected using the TD Menu. See [Erasing entry](#), chapter 5, page 27. Activate the TD Menu, press “3 Erase result,” enter the board number and press OK. If the board has been played more than once at this table, you will be prompted to enter the round number. The erroneous result is erased and players may enter the correct one.
- Scores already posted into ACBLScore must be corrected there. To erase a score in ACBLScore – type “x”
- See page 24 for [Special entries: Pass-out and board not played](#).

## Quick Setup Tips

### Early game/session setup:

Single or multi-section games/sessions may be set up early in ACBLScore. Extraneous information such as expected movement, Event rating (stratification criteria), Event Information (Tournament data), etc., may be entered before the stress of actual play being started. It is suggested ACBLScore be “preset” with fewer tables than are actually expected in a single or multi-session game/session. Do not start BCS at this time.

Then, when play is ready to start:

- Use F9 5 Change movement parameters and change to the actual movement/tables/etc.
- In a multi-section session, repeat the F9 5 Change movement parameters for each section.
- After the all the movement[s] have been finalized, use F11 BMS to start BCS – and the session.

To setup a session (with one or more sections) more quickly, bypass the masterpoint portion of normal setup. Just select “13 No masterpoints.”

#### Select option (ESC to Exit)

```

0 Select manualcap game
9 Change scoring method
10 Set masterpoint rating
11 Assign/change/show STD

```

Later, after play has started, use “F9 10 Set masterpoint rating to create stratification

for the game/sections.

#### Select event rating

```

12 Introductory Game
13 No masterpoints

```

#### Select option (ESC to Exit)

```

1 Change posting method
2 Change number of played rounds
3 Change section letter and/or color
4 Qualification / Eligibility
5 Change movement parameters
6 Factor to a different average
7 Set tie-breaking spread

```

## Change Movement after Game has started

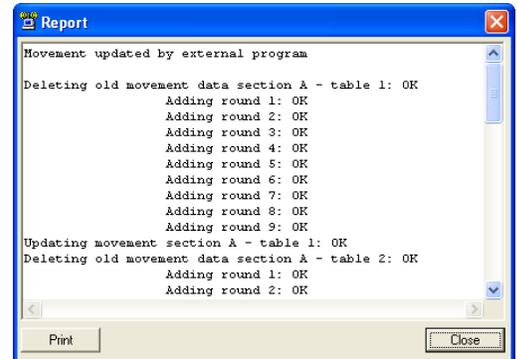
To the extent possible, each session/game should be as fully configured as possible in ACBLscore before starting BCS. Movement changes can be made in ACBLscore after the BCS program has been started – to accommodate the arrival of new player[s] or one-or-more “no show” players. The ACBLscore manual more fully describes how to make changes.

Use [F9](#) [5 Change movement parameters](#). After the new parameters have been entered and accepted, ACBLscore will automatically invoke a command to update the result file and effect the changes in BCS.

**Always post all scores before making any movement changes in ACBLscore. Especially if adding pairs or making special changes using EDMOV; post all scores using 'F11' BMP or Ctrl-P – before making any changes.**

Note: When BCS is updated, there will normally be a “Report” screen displayed. This screen may “close” or BCS will automatically close it after 1 minute.

When ACBLscore updates BCS, “deleted” table[s] or section[s] sometimes are not actually be removed. Thus, it is recommended that any “deleted” table[s] and/or Section[s] be manually deleted/logged off in BCS to preclude possible confusion if someone inadvertently activates a deleted-table or deleted-section Bridgemate.



## Change before any Bridgemates have been used

When the changes can be made before players have started entering their member numbers and/or results, instruct players to delay any entries until the changes are made. After the ACBLscore changes have been made and BCS has been updated, players may begin normal Bridgemate use.

## Change after people have started member number and/or score entry

Ask players to hold up any further Bridgemate entries until the movement change has been completed.

If the movement change will move pairs around, player numbers will need to be entered manually, later. However, if pairs remain at the same tables (even though they may now have different team numbers, e.g., when change from a 5 table Howell to a 6 table Howell, or a 6 table Howell to a 7 table Mitchell, ACBLscore **BMN** (Post Names from Bridgemate) will correctly assign pairs to the correct tables – when the “member-number” option is being used.

Make the movement changes as noted above. ACBLscore automatically updates BCS with the new info.

Note: When BCS is updated, there will normally be an “update” screen displayed.

## Replacing Bridgemate during play – Bridgemate logged on as the wrong table

See page 32 [Replacing Bridgemate](#) or See page 32 [Bridgemate logged on as the wrong table](#)

## Procedures when using Player entry of Section/Table

**Check each Bridgemate as it is placed on a table.** Press the OK key; if the “Bridgemate II” screen appears, the unit is ready for Section/Table input. If the display is anything other than “Bridgemate II,” reset the Bridgemate.

## Swiss Teams and Knockouts

ACBLscore does not support using the Bridgemate wireless scoring system for team events. There is a third-party software that may be used for team games. The final results are then entered manually into ACBLscore. Detailed information is available on the Bridgemate.US website: [Team Games using Bridgemates](#)

## Names Display for 1<sup>st</sup> Round Sit-out Pair[s]

For more information, see Chapter 6 [Showing player names](#).

Starting with BCS v3.1.2 there is an option on the BCS  Tools  Options  General  Scoring Program page:

Sit-out:

Correct missing sit-out pair number at half table in round 1

This may be checked (for normal Mitchell & Howell movements) and should obviate the need to use an alternate procedure. Rover movements require special procedures for displaying the Rover pair names. See the “Names Display at Table” write-up on the Bridgemate.US website [www.bridgemate.us](http://www.bridgemate.us)  How-To Guides.

## Special Reports

Play data may be copied from BCS and used to prepare special reports – such as a summary of the results of each board played.

- See [Creating Reports](#), Chapter 3, page 14 on how to copy play data from the BCS screen.
- EXCEL spreadsheet:
  - Paste the copied data into an Excel Spreadsheet.
  - With the new data highlighted, select Data  Text to Columns. Select “Comma” as the delimiter.
- WORD document:
  - Paste the copied data into a Word document.
  - Highlight the new data, select Table  Convert  Text to Table. Complete the “Convert Text to Table” screen as noted for “Commas,” “AutoFit to contents” and number of columns in your data (7 is shown here).
  - The table that is created will be highlighted. Select Table  Convert  Table to Text. This creates text which may be pasted into an email message or uploaded to a website.
- OpenOffice.org: A simpler procedure is to use the spreadsheet program of OpenOffice.org which is “free to download, use, and distribute” at <http://download.openoffice.org/>
  - Paste the copied data into the OpenOffice.org calc spreadsheet. On the “Text Import” screen that will display, check  Comma under “Separator options” and click OK.
  - Adjust column widths – if desired.
  - Highlight and copy the data for your report.
- EXCEL spreadsheet – alternate procedure (advanced Excel user): There is an alternate procedure whereby data can be “imported” into Microsoft® Excel from the game’s .bws data file.
  - Change the file suffix on the game data file from .bws to .mdb (e.g, 130615A.bws > 130615A.mdb). This file is normally in the C:\ACBLSCOR\GAMEFILE folder.
  - In Excel: Data  Get External Data  From Access  find & select the renamed .mdb file
  - A “Select table” window will appear. Highlight the “Received Data” table and click OK.
  - On the “Import Data” window select “Table” and “Existing worksheet”  Click OK
  - The “Result” column will be in the European “Up/down tricks” format. To create an “American style” Results column use an Excel formula – such as this:
 
$$=IF(K2="=",LEFT(J2,1)+0,IF(LEFT(K2,1)="-",K2+0,LEFT(J2,1)+K2))$$
  - Highlight and copy this new “result” column; then paste it as “values” into the “Result” column.
  - Delete un-needed columns.



It is suggested the BCS column heading “NS/EW” be changed to Declarer. Below is a sample report. Note: This example includes the “Lead” card which may be captured when options are controlled by BCS.

Section	Board	NS	EW	Declarer	Contract	Result	Lead
A	1	2	3	N	4 H	-2	H4
A	1	3	5	N	4 H	-2	H4
A	1	4	7	S	3 NT	-1	SJ
A	1	5	9	N	3 H	-1	H4
A	1	6	2	S	3 NT	-3	DA
A	1	7	4	N	4 H	-1	C2

### ***Expanded detail available on Websites.***

With the Bridgemate Scoring System more detail is available about each board than the limited information from ACBLscore. The Declarer, Contract and actual result – when coupled with ACBLscore info – provides players with more information than ever before. The detail is even more significant with pre-dealt hands using a dealing machine – or the analysis of player-entered boards when using BCS version 2.8.29 (or later).

Bridgemate.US has been working with three bridge-specific websites that are easily set up and controlled by a non-programmer. Our test sites are: [www.waynesboro.bridge-club.org](http://www.waynesboro.bridge-club.org), [www.bridgewebs.com/waynesboro/](http://www.bridgewebs.com/waynesboro/) and <http://site.pianola.net/wintergreen-bridge/>. Visit [www.bridge-club.org](http://www.bridge-club.org) or [www.bridgewebs.com](http://www.bridgewebs.com) or [www.pianola.net](http://www.pianola.net) to review their offerings and pricing. All three offer a trial period.

Several clubs/units have developed their own website-display software. Also, ACBL offers a “Clubs Results” service to ACBL sanctioned clubs. When a game is finished, it is very easy to upload 2 files (3 – with hand records) and the result is immediate. More information is on our website [www.bridgemate.us/product/website-displays/](http://www.bridgemate.us/product/website-displays/)

### ***Using Bridgemates II and Bridgemates Pro together***

If you have both a Bridgemate Pro and a Bridgemate II system, it is possible to use both systems together to score a single event. As Bridgemates II only communicate with a Bridgemate II USB server and Bridgemates Pro only with a Bridgemate Pro ‘serial’ server, it is a requirement that both servers are connected to the computer.

To use both Bridgemate Pro and Bridgemate II in one event:

1. Connect both a Bridgemate II USB server and a Bridgemate Pro serial server to your computer. The Bridgemate Pro server can be connected through the USB-to-serial “dongle.” Please refer to the Bridgemate Pro manual for operating instructions of the Bridgemate Pro server.
2. Start the Bridgemate system from your scoring program. This will start the Bridgemate II system first.
3. After BCS has been loaded and Bridgemates II have been activated, click on Session  Run Bridgemate Pro concurrently. This will load a second copy of BCS and this copy will start the Bridgemate Pro server. Both systems may now be used together.
4. When the session is finished, manually close both instances of BCS.

Please keep in mind the following when working with both systems together:

- All tables will be loaded into the Bridgemate II server and the Bridgemate Pro server. You decide which tables will use Bridgemates Pro, and which will use Bridgemates II. As a consequence, the Bridgemate “II BCS” and the “Pro BCS” will show that certain tables are not activated yet in the II or Pro server, since these units are logged into the other server.
- You may wish to use Bridgemate Pro’s and II’s in separate sections, e.g., Section A uses Bridgemates II, and Section B uses Bridgemates Pro. However, the units may even be “mixed” within a Section.
- Scores are exchanged between the two systems. Scores entered in Bridgemate Pro will also appear on the Bridgemate II scoring devices, and vice versa.
- A scoring-program movement update will first be carried out by Bridgemate II, and a few seconds later by Bridgemate Pro. This is done automatically.
- If the second instance of BCS is accidentally closed, it can be started again by using the same BCS menu: Session  Run Bridgemate Pro concurrently. It will remember that it has already been started before and will not start from round 1 but instead continue from where it was when the program was closed.
- Since Bridgemate II has more settings than Bridgemate Pro, Bridgemate Pro will only use those settings that are for Bridgemate Pro. For example, names may appear on Bridgemates II but will not on Bridgemates Pro.

# Declaration of Conformity

## Federal Communication Commission Declaration of Conformity (DoC) Statement



Responsible party: Bridge Systems BV  
 Address: Postbus 21570, 3001 AN, Rotterdam, The Netherlands

Hereby declares that the product:

Product Name: Bridgemate® II Wireless Scoring System .

Table Terminal: II                      Model No: BM2-1      FCC ID: UVIBM21

Server:                      USB – II                      Model No: BMS2-1      FCC ID: UVIBMS21

Conforms to the following regulations: FCC part 15, subpart B, section 15.47

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

### Caution:

Any changes or modifications not expressly approved by Bridge Systems BV could void the user's authority to operate the equipment.

### Canada Regulatory Compliance Statement

This device complies with Industry Canada Standard RSS-210. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Ce dispositif est conforme avec la norme CNR-210 d'Industrie Canada. Le fonctionnement du dispositif est sujet aux deux conditions suivantes: (1) le dispositif ne doit pas causer de brouillage, et (2) le dispositif doit accepter tous brouillages, incluant tous brouillages.

Table Terminal: II                      IC: 6946A-BM21  
 Server:                      USB – II      IC: 6946A-BMS21