

SportZ cast

Scorebot 4000 user manual

- Version 1.5

Scorebot 4000 series installation

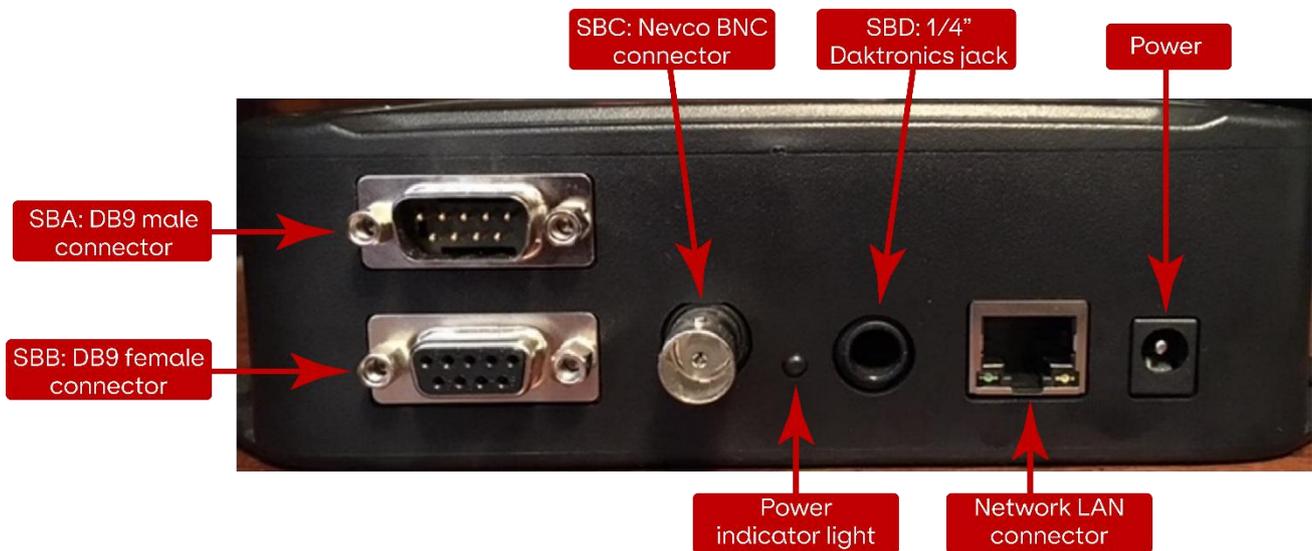
When you receive your Scorebot 4000 series from Sportzcast, the package should contain the following:

- Universal Scorebot
- Power Supply
- Set of Data cables
 - Daktronics, Fairplay, Electro-Mech, and Nevco
- Screws and anchors
- Installation instruction document

Please follow the instructions below when installing your Sportzcast Scorebot 4000 series. If you need assistance, please call Sportzcast Support at 321-888-3800 Option 2.

1. The CellBot should be mounted near your scoreboard control unit or suitable interface location. This may be under the press box or scoreboard operations table. It should be secured so power and associated interface cables are not kicked out or accidentally disconnected. Be sure to mount the CellBot so the supplied power and interface cable will reach their connection point.
 - a. The CellBot needs to be mounted according to the attached template. Be mindful that there is a cellular modem within the CellBot, so be sure to keep the CellBot away from metal objects.
 - b. Mount the CellBot vertically if possible. Be sure to use the supplied screws and anchors when mounting the CellBot.
2. There will be a set of scoreboard interface cables for different scoreboard manufacturers. The following data cables go with the following scoreboard manufacturer:
 - a. Daktronics and Electro-mech go to the SBD jack
 - b. Fairplay goes to the SB A (Top Male DB9)
 - c. Nevco goes to the SBC (BNC)
3. The power cords and other connected cables should be laced down so they do not become disconnected. Try to leave the CellBot powered on.
4. If there is an available wired Ethernet connection, plug an Ethernet cable into the LAN/WAN connector on the CellBot.

Scorebot 4000 series user instructions



Scorebot data cable connections

- SBA: RS232 or RS422 (Fairplay, OES, All American, Daktronics RTD & Daktronics AllSportCG).
 - SBB: RS232 or RS422 (SBData packets out Fairplay MP69).
 - SBC: Nevco.
 - SBD: Daktronics and Electromech.
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Initial startup screen

When you initially plug in the Universal Scorebot you will see the following screen:



Scorebot 4000 series w/ Cell Modem



Scorebot 4000 series w/out Cell Modem

This screen shows the current software loaded onto the Scorebot. This software version can change as Sportzcast will remotely update your Scorebot to ensure the latest scoreboard protocols are loaded onto the Scorebot.

- **If your Scorebot 4000 series has the cellular modem enabled on the device,** you will be able to see the cellular signal strength from the main screen. The status connection to the cellular network is displayed in a digit 0-6. When the digit hits 6 you have connection to the cellular network and Sportzcast can see the Universal ScoreBot connected on our servers. Anything less than 6 will not have a connection to our servers.
- **If you are using the LAN connection of the Scorebot 4000 series,** then you can also see if there is a network connection or not. The screen will display Network or No Network. The S beside the CO means that the ScoreBot indicates the local BOTServer is running on the ScoreBot. If you are getting a No Network displayed, please check your Ethernet connection and make sure that ports 1402 and 1403 are open on the firewall at the venue.

Note: To open ports 1402 and 1403, please contact your IT department.

Screen 00 - PARAMETER

Screen 00 will allow you to save configurations for different scoreboard vendor codes and sport codes. When you change a parameter, it is not automatically saved. You will need to go to Screen 00 to save a configuration.

To save a preset:

- Go to parameter 00
- Go into parameter edit and set the parameter to the desired number
 - **Note:** Parameter 00 is read-only
- Set Read-Write from R to W
- Save the parameter
- To make the changes take effect, do a reset by going to Screen 04
- To read parameters go to parameter 00 and edit the it to the desired preset
 - Save the parameter to read the preset and reboot the Scorebot

Screen 01 - SB VENDOR

Screen 01 shows the scoreboard vendor code. This is a 3-digit code that goes with the vendor (scoreboard manufacturer) of the scoreboard controller.

This will need to be changed in order to interface with the scoreboard controller. For example, to use a Daktronics - the SB Vendor code is 001.

Please, refer to the Sportzcast Scoreboard Vendor Codes document for a complete list of SB Vendor codes in Appendix A.



To change the vendor code, tap the  button. When you tap the button an "E" will show up in the top right corner of the screen. This means that you are in edit mode.

From there use   buttons to change the digits.

To move to the right, tap the  button.

Once the vendor code is set to the desired number, hold down the  button until you see an "S" show up in the upper right corner to show the change was saved.

Screen 02 - SB CODE

Screen 02 shows the scoreboard sport code. This is a 3-digit code that corresponds to a particular sport for the vendor code that is already set.

This code will need to be set along with the SB Vendor code in order to have the correct scoreboard protocol for your controller and sport. For example, when using a Daktronics controller and it is for Football - the SB Vendor code is 001 and the SB Code is 002.

Please, refer to the the Sportzcast Scoreboard Vendor Codes document for a complete list of SB Codes in Appendix A.



To change the vendor code, tap the  button. When you tap the button an "E" will show up in the top right corner of the screen. This means that you are in edit mode.

From there use   buttons to change the digits.

To move to the right, tap the  button.

Once the vendor code is set to the desired number, hold down the  button until you see an "S" show up in the upper right corner to show the change was saved.

Screen 03 – IP ADDRESS

If the Cellbot 4000 is connected to a DHCP Wired connection, the local IP address of the ScoreBot will be displayed in the second row. If there is no Ethernet connection, the screen will display No Wired Network.

To do a LAN connection to the bot, under the server section in the NewBlue Titler Live software enter the IP address shown on screen 3.



Note: If the Scorebot has cellular capability enabled and an Ethernet cable is connected to the LAN, the wired connection will automatically override cellular.

Local area connections

One of the unique features of the Scorebot 4000 series is the ability to connect to the ScoreBot through the local network instead of having to go through the cloud. To do this follow the steps below:

1. Within LiveSportzCG or LiveXML, go to File > Edit Config.
2. Instead of scorebot.sportzcast.net which is what the standard setting is, set that to the IP address of the Universal Bot that is displayed on screen 03.
3. None of the other settings in the Edit Config window need to be changed, click save.
4. Close the program and open it back up. This is necessary to establish the new network connection to the Universal ScoreBot.

Screen 04 – RESET

The reset screen is one of the most important screens on the Scorebot 4000 series. This is the screen you will need to go to any time a setting is changed on the bot.

For example, if the SB Vendor code is changed, once you make the change you will need to go to this screen to reset the ScoreBot in order for the change to take place.

When you first arrive at this screen, it will look like this:



To reset the Scorebot, tap the  button, then  button to increase the 0 to a 1.

Once you have done that, hold down the  button until an "S" appears in the upper right corner of the screen to show that the changes have been saved.

Screen 05 – SB DATA

The SB Data screen shows the scoreboard data that the Scorebot 4000 series is currently picking up. The data should align with what is seen on your scoreboard controller.



Screen 06 – BOT NUMBER

The Bot number screen displays the 4-digit bot number that has been assigned to the ScoreBot by the Sportzcast servers. This 4-digit number is how you will connect to the ScoreBot through LiveSportzCG or LiveXML.

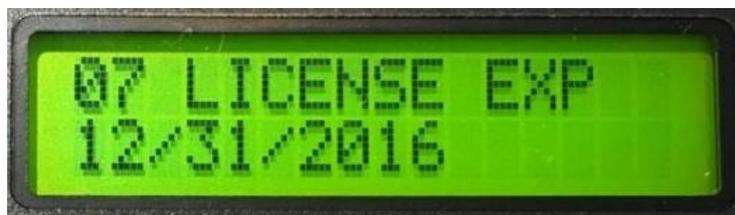


Here the bot number is 2143.

Screen 07 – LICENSE EXPIRE

This screen displays the date when the bot license will expire. The bot has an annual subscription, and payment is due by the date displayed on this screen.

If you notice that your Universal Bot is expired, please contact sales@sportzcast.net to renew your data subscription.



Screen 08 – MAC ADDRESS

This screen displays the Universal Scorebot's Mac Address. This address is important in case the bot has not been assigned a bot number from the Sportzcast servers.



Screen 09 – DHCP

This screen allows to turn DHCP on or off. This needs to be done if you need to set a static IP address for the Universal Scorebot. You would need to set a static IP address to the Scorebot if there is no network activity.

- DHCP 1 = DHCP is on.
- DHCP 0 = DHCP is turned off.



This can be changed in the same way as the SB Vendor code and the SB Code.

Screen 10 – STATIC IP

This screen allows to set a static IP to the Scorebot 4000 series. This needs to be done if you are unable to get network activity.

Follow the steps below to set a static IP address to the Universal Scorebot:

1. Go to screen 09 and turn off DHCP. This can be done by tapping  and then  to increase the 0 to a 1. Once the change is made, hold down  until an "S" appears in the upper right hand corner of the screen. The "S" will show that the change has been saved.
2. On screen 10, set the IP address to the desired IP. You can do this by tapping  button. When you tap the button an "E" will show up in the top right corner of the screen. This means that you are in edit mode. From there use   buttons to change the digits.

In order to move to the right, tap  button. Once you have the vendor code set to the desired number, hold down the  button until you see an "S" show up in the upper right corner to show the change was saved.

If a static IP address does not need to be assigned to the Universal Bot, there will be an IP address in this screen. This will not affect the bot.



Screen 11 – SUBNET MASK

This screen displays the Subnet Mask of the Scorebot 4000 series. Unless needed, you do not need to change anything on this screen. This screen only needs a valid entry.



Screen 12 – GATEWAY

This screen will display the Gateway of the Scorebot 4000 series. Unless needed, you do not need to change anything on this screen. This screen only needs a valid entry.



Screen 13 – DNS

This screen displays the DNS of the Scorebot 4000 series.

By default, it is set to 8.8.8.8 which is the Google DNS. Unless needed, you do not need to change anything on this screen.



Screen 14 - UNLOCK

This screen allows an authorized Sportzcast support specialist to unlock the Universal Scorebot. An authorized Sportzcast support specialist will inform you if your Universal Bot needs to be unlocked.



For assistance, please contact Sportzcast Support:

sportzcastcs@geniussports.com

321-888-3800



APPENDIX A
Scoreboard Vendor Codes

Scoreboard	SB Vendor	SB Code
All American Baseball	14	131
All American Basketball	14	130
Daktroncis 1600 Baseball	1	39
Daktronics 3000 Football	1	180
Daktronics AllSport CG Basketball	6	72
Daktronics AllSport CG Volleyball	6	75
Daktronics Baseball	1	1
Daktronics Basketball	1	3
Daktronics Football	1	2
Daktronics Football (GA Dome)	1	19
Daktronics Hockey	1	18
Daktronics Lacrosse	1	22
Daktronics Public Baseball	5	30
Daktronics Public Basketball	5	32
Daktronics Public Football	5	31
Daktronics Public Hockey	5	34
Daktronics Public Lacrosse	5	34
Daktronics Public Softball	5	30
Daktronics Public Swimming	5	78
Daktronics Public Volleyball	5	35
Daktronics Soccer	1	23
Daktronics Softball	1	1
Daktronics Swimming	1	77
Daktronics Volleyball	1	26



Electro-Mech 14X_15X Baseball	4	160
Electro-Mech 14X_15X Baseball	10	160
Electro-Mech 14X_15X Baseball	11	160
Electro-Mech Baseball	4	9
Electro-Mech Baseball	10	9
Electro-Mech Baseball	11	9
Electro-Mech Basketball	4	11
Electro-Mech Basketball	10	11
Electro-Mech Basketball	11	11
Electro-Mech Football	4	10
Electro-Mech Football	10	10
Electro-Mech Football	11	10
Electro-Mech LS Baseball	4	67
Electro-Mech LX Soccer	4	66
Electro-Mech LX Soccer	10	66
Electro-Mech LX Soccer	11	66
Electro-Mech Soccer	4	65
Electro-Mech Soccer	10	65
Electro-Mech Soccer	11	65
Electro-Mech Softball	4	12
Electro-Mech Softball	10	12
Electro-Mech Softball	11	12
Fairplay Baseball (Code:32)	2	32
Fairplay Baseball (Code:33)	2	33
Fairplay Baseball (Code:34)	2	34
Fairplay Baseball (Code:35)	2	35
Fairplay Basketball (Code:1)	2	1
Fairplay Basketball (Code:12)	2	12

Fairplay Basketball (Code:2)	2	2
Fairplay Basketball (Code:4)	2	4
Fairplay Basketball (Code:5)	2	5
Fairplay Basketball (Code:6)	2	6
Fairplay Basketball (Code:9)	2	9
Fairplay Football (Code:23)	2	23
Fairplay Football (Code:24)	2	24
Fairplay MP69 Baseball	7	142
Fairplay MP69 Baseball	13	141
Fairplay MP69 Basketball	7	140
Fairplay MP69 Basketball (Code:3)	13	141
Fairplay Soccer (Code:10)	2	10
Fairplay Soccer (Code:22)	2	22
Fairplay Soccer (Code:36)	2	36
Nevco Baseball	3	40
Nevco Baseball (Code:925)	3	169
Nevco Basketball	3	42
Nevco Football	3	41
Nevco Football (Code:827)	3	47
Nevco Hockey	3	44
Nevco MPC7 Baseball	3	170
Nevco MPC7 Basketball	3	171
Nevco MPC7 Football	3	49
Nevco Soccer	3	69
Nevco Soccer	3	45
Nevco Softball	3	40
Nevco Volleyball	3	46
Nevco Wrestling	3	48

OES 9000 Baseball	9	50
OES Basketball	9	54
OES Football	9	52
OES Hockey	9	51
OES Long Format Baseball	9	53
Spectrum Basketball	12	80
Spectrum Football	12	81
Varsity Baseball	8	17

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