

**PLEASE SAVE YOUR SALES RECEIPT!** Your receipt is your proof of purchase and confirms your product was purchased at an authorized dealer. It will need to be submitted to Core Brands LLC in order to process any warranty claims.

Core Brands LLC (hereinafter "the Seller"), warrants its BB-RS232 (the "Product") as follows:

The Seller warrants to the original purchaser of the product that the product sold hereunder will be free from defects in material and workmanship for a period of (3) three years from the date of purchase. If the product does not conform to this Limited Warranty during the warranty period (as herein above specified), purchaser shall notify the Seller of the claimed defects by calling 877-486-4738 or via email techsupport@furmansound.com. If the defects are of such type and nature as to be covered by this warranty, the Seller shall authorize purchaser to return the product to the Seller. Warranty claims **MUST** be accompanied by a copy of the original purchase invoice or receipt showing the purchase date. Shipping charges to the Seller must be prepaid by the purchaser of the product. The Seller shall, at its own expense, furnish a replacement product or, at the Seller's option, repair the defective product. Return shipping charges back to purchaser will be paid by the Seller.

THE FOREGOING IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

The Seller does not warrant against damages or defects arising out of improper use or abnormal handling of the product, or against defects or damages arising from improper installation. This warranty shall be cancelable by the Seller at its sole discretion if the product is modified in any way without written authorization from The Seller or Core Brands LLC. This warranty also does not apply to products upon which repairs have been affected or attempted by persons other than pursuant to written authorization by the Seller or Core Brands LLC.

**THIS WARRANTY IS EXCLUSIVE.** The sole and exclusive obligation of the Seller shall be to repair or replace the defective product in the manner and for the period provided above. The Seller shall not have any other obligation with respect to the products or any part thereof, whether based on contract, tort, strict liability or otherwise. Under no circumstances, whether

based on this Limited Warranty or otherwise, shall the Seller be liable for incidental, special, or consequential damages. This Limited Warranty states the entire obligation of the Seller with respect to the product. If any part of this Limited Warranty is determined to be void or illegal, the remainder shall remain in full force and effect.

**SERVICE**

NOTE: All equipment being returned for repair must have an RA (Return Authorization) number. To receive an RA number, please contact Technical Services at techsupport@furmansound.com or call, 877-486-4738. In order to issue an RA number, The Seller will require the Model and Serial Number of the product, your name, address, phone number, and a brief description of the problem. An email address, if available, will be helpful in expediting your RA. If the unit is being returned for warranty service, further information may be required to substantiate the warranty status.

Please be sure that your RA product it is adequately packed and cushioned against damage in shipment. We suggest that you retain and use the original packaging to ship RA materials for servicing. The Seller assumes no liability for damages that occur during shipment. The RA number should be prominently displayed on the shipping label or outside of the package. Please enclose a note with the RA number, the Serial Number, your name, address, phone number and a brief description of the problem – failure to do so may delay diagnosis and repair

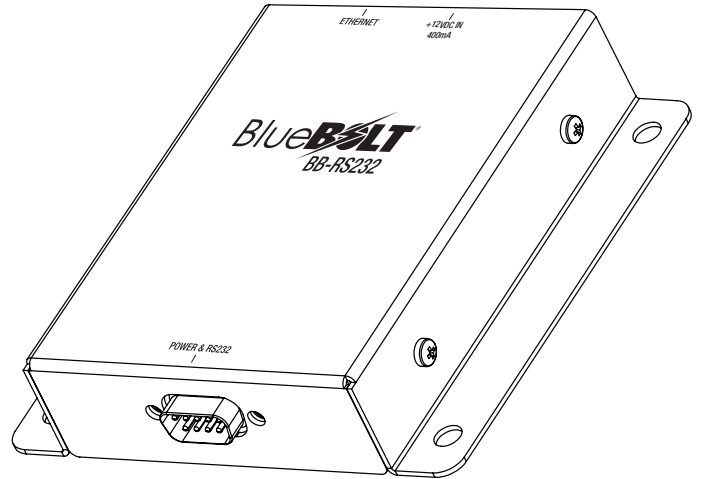
The Seller and Core Brands LLC. reserve the right to repackage and return repaired items using packaging materials deemed appropriate and suitable to for safe transit. Customer supplied materials, such as blankets, bubble wrap, packaging foam, and the like may be discarded if not suitable for shipment.

Units under warranty shall be returned free of charge as stated in the Limited Warranty section of this manual. If you have any questions, please contact Furman Technical Services 877-486-4738, or via email techsupport@furmansound.com

DWS-00002-A

EFFECTIVE DATE: 5/14

# Quick Start Guide



The BB-RS232 Adaptor provides Ethernet connectivity to BlueBOLT® supported products that are otherwise only capable of RS232 communication. Once the Adaptor is connected between the BlueBOLT® supported product (via RS232) and the site's Local Area Network (via Ethernet), the product can communicate with our BlueBOLT® servers or a local control system.

## BlueBOLT® REGISTRATION

**IMPORTANT!**

Before you get started, register online to get BlueBOLT access for BB-RS232. See the BlueBOLT® REGISTRATION section on next page.



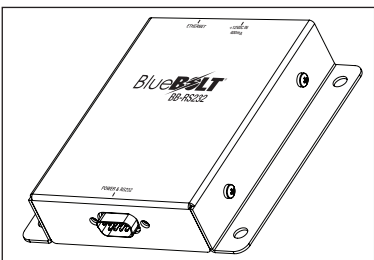
## IMPORTANT SAFETY INSTRUCTIONS

1. Please read and follow all instructions.
2. Keep these instructions.
3. Heed all warnings.
4. **WARNING: This device is intended for indoor use only.** Do not use this device near water. To reduce the risk of fire or electric shock, do not expose this device to rain or moisture.
5. **CAUTION:** To reduce risk of shock, please disconnect the BB-RS232 from power before servicing any equipment connected to the BB-RS232.
6. Clean only with a dry cloth.
7. **CAUTION:** Do not install near any heat sources such as radiators, heat registers, stoves, or other equipment that may produce heat.
8. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit the device.
9. Please, only use accessories specified by the manufacturer.
10. Refer all servicing to qualified personnel. Servicing is required when the unit has been damaged in any way or fails to operate.

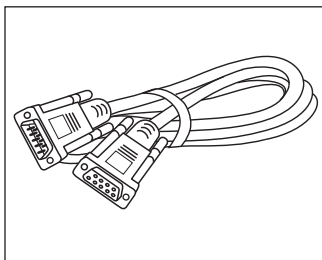
## BEFORE YOU BEGIN, INSPECT UPON RECEIPT

**Please read IMPORTANT SAFETY INSTRUCTIONS**

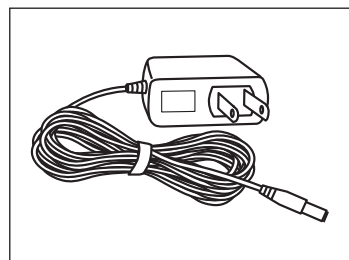
- No serviceable parts. Please see manual online for details.
- Please inspect the BB-RS232 and included accessories (below) unit thoroughly.
- Please contact Furman Customer Service at 877-486-4738, if there is any noticeable damage to product or product does not operate out of box.
- Contents of this package include:



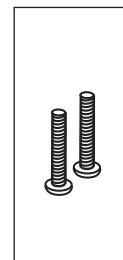
BB-RS232 Adaptor



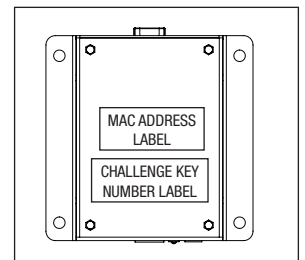
3 ft., 9-Conductor Cable for RS232



6 ft., AC to DC Adaptor (12VDC)



Rack Screws



MAC Address and Challenge Key Numbers (Labels on back of BB-RS232) and in box.

## FEATURES

### COMMUNICATION PORTS

RS-232 with DSUB 9 Male connector. Pins 2 (RXD), 3 (TXD) and 5 (COM) are used for communication, pins 1 (GND) and 9 (+12V) are used for power.

100BaseT Ethernet Communication with BlueBOLT service or a control system on the Local Area Network.

### INDICATORS

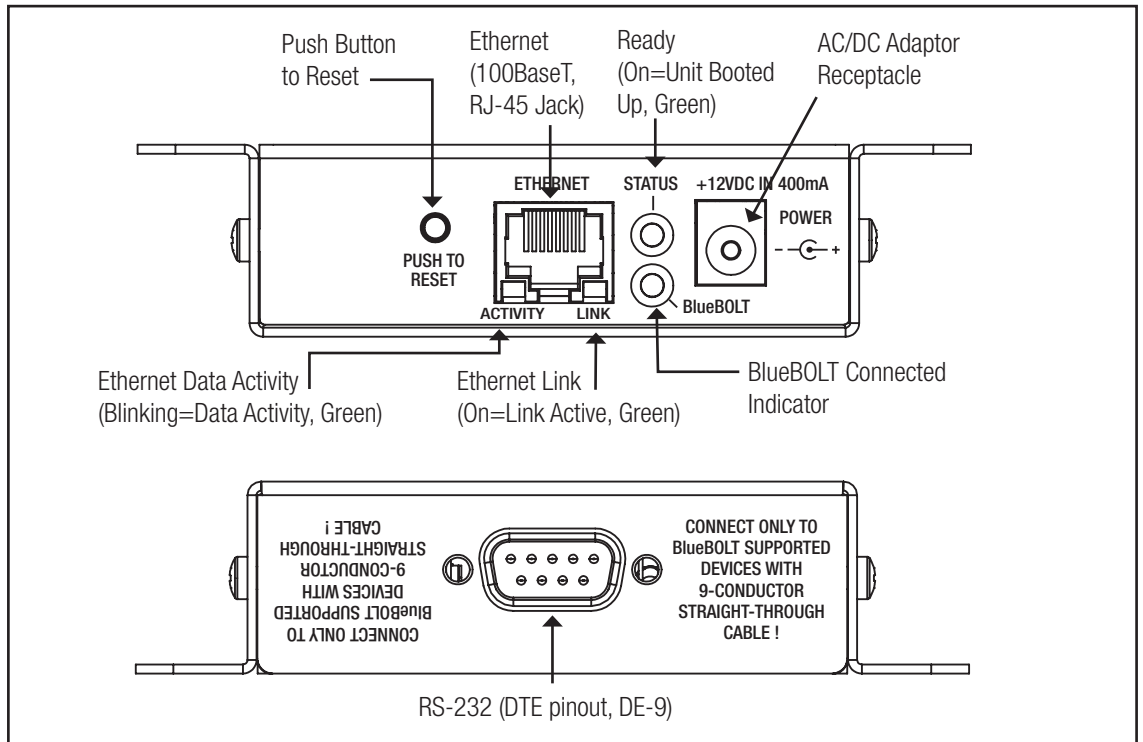
For BlueBOLT connected, Status, Ethernet Link Status, and Data Activity.

### RESET BUTTON

Short press of Reset causes adaptor to re-set the device. Holding down Reset for >10 seconds causes adaptor to revert to its default setting.

### POWER

Powered through non-communication signal wires of supplied 9-conductor cable (for RS232 port) or with included wide-range AC/DC switched-mode wall adaptor.



## LOCATION AND MOUNTING

BB-RS232 can be mounted on the rear rack rails using included rack screws (2).

BB-RS232 can also be zip-tied (zip-ties not included) to the inside of the equipment rack or mounted to the wall utilizing its flange holes. The Adaptor may also be situated on the floor, provided there is no risk of the product being damaged.

**NOTE:** That the placement of the Adaptor should take into consideration the proximity of the BlueBOLT-enabled product it is connected to. The supplied 9-conductor cable is 3 feet. Additionally, the AC Wall adaptor cord length is 6 ft. (if needed).

## INSTALLATION

It is recommended that you read the entire list of instructions before proceeding.

**ATTENTION: PLEASE RETAIN MAC ADDRESS IDENTIFICATION NUMBER AND CHALLENGE KEY.** This is unique to every BB-RS232 adapter and will be required for registration. Connect an Ethernet cable (sold separately) between the BB-RS232 and an Internet router or modem with an established Internet connection.

## BlueBOLT REGISTRATION

Your BB-RS232 is BlueBOLT® enabled and can be accessed from anywhere in the world using your favorite internet browser, such as Internet Explorer, Firefox, or Chrome.

To access you BB-RS232 you will need to go to: [www.mybluebolt.com](http://www.mybluebolt.com) and create a BlueBOLT® user account using the "Create an Account" button

Once you have setup a BlueBOLT® account, you can log in and use the "Add a Location" button to add a new location.

Once you have added a new location, you can click on the name of the location and then add your BB-RS232 device by clicking on the "Add Device" button.

After you click on the "Add Device" button, a screen will appear and you will be asked to fill in the MAC ID number from your device's label. The label appears on the underside of the BB-RS232.

After entering the information from your BB-RS232, click on the "Register Now" button and our BlueBOLT® servers will attempt to find your BB-RS232. This should take less than a minute.

If your BB-RS232 is not found within five minutes, check and re-enter the device information and attempt to register your

BB-RS232 again. If you are still unsuccessful, confirm that the Ethernet connection to the BB-RS232 is working. If you need further assistance please call our technical support at the following number: 877-486-4738 or 800-472-5555.

## DE-9 - PIN CONNECTOR

The BB-RS232 uses a Male 9-Pin DE9 (D-Sub) connector for power and serial communications. A BlueBOLT® enabled host device will have the opposite gender (Female) of the same type of 9-Pin DE9 connector. To connect the BB-RS232 to a BlueBOLT™ enabled device, use the DE9 Male to Female cable supplied with BB-RS232.

The table below shows the pin and signal designations for the DE9 connector on the BB-RS232.

PIN NO.	SIGNAL
1	ACCESSORY POWER ONLY (12VDC RETURN)
2	RECEIVE DATA
3	TRANSMIT DATA
4	ACCESSORY ACTIVE SIGNAL
5	SIGNAL GROUND
6	NO CONNECTION
7	REQUEST TO SEND
8	CLEAR TO SEND
9	ACCESSORY POWER ONLY (POSITIVE 12V)

## TROUBLESHOOTING

**Q.** Is your BB-RS232 receiving power?

**A.** Check the Status LED and confirm the unit is on.

**Q.** Is your Internet connection functioning?

**A.** The "Link" light should be illuminated (solid green) and the "Activity" light should be blinking intermittently (green).

**Q.** Is your BB-RS232 connected to your internet router or modem?

**A.** Check the Ethernet cable and confirm that the unit is connected to an active Internet connection, and make sure those connected devices are receiving power.

If you have answered "Yes" to all of these questions and are still unable to connect your Power Management component, contact Panamax/Furman customer service at 1-877-486-4738.

## FOR MORE INFORMATION

[www.furmancontractor.com](http://www.furmancontractor.com) or [www.mybluebolt.com](http://www.mybluebolt.com)

Or call:

**877-486-4738** or **800-472-5555**

- Pour le document Français, veuillez contacter:
- Para ponerse en contacto con el documento Español:
- Für deutsche Dokument Kontakt:
- Для российского документа обращайтесь:

[www.furmancontractor.com](http://www.furmancontractor.com) or [www.mybluebolt.com](http://www.mybluebolt.com)

## FCC CLASS B DIGITAL DEVICE

**NOTE:** This equipment has been tested and found to comply with the limits for a Class A 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.