MB QUART®
MUSIC. DEFINED.

Quick Start
Installation Guide



DISCUS

DA2-500.2D
DA2-500.5D
DA2-520.4D
DA2600.1D

Before you start

CAUTION

Many new and factory radios require a reset code when disconnected from battery power. This is an anti-theft feature. Before unplugging power, you must determine if your radio/source unit requires a reset code. Check the operation manual for your vehicle or contact the dealer.

Congratulations on your choice of a MBQuart amplifier. This “Quick Start Installation” guide is meant to help you “hook up” and play music. For more detailed information, on system setting, speaker and subwoofer configuration and full specifications by model please visit our website at www.MBQuart.com

Power cable size

It is critical to use the proper power and ground cable. Select the size listed here for your amplifier model. Always use high quality copper cable.

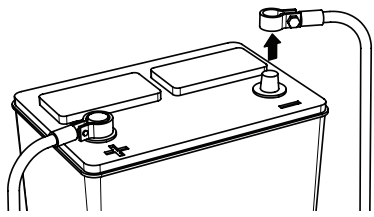
Model	Fuse Size	Cable Size
DA2-500.2D	20a External	4ga
DA2-500.5D	40a External	
DA2-520.4D	90a External	
DA2-600.1D	40a External	

Power cable size and fuse size based on a 17ft power (B+) (OFC) cable length and 18-inch ground (OFC) oxygen free cable.
Any other lengths used please consult a certified professional installer.

Installation

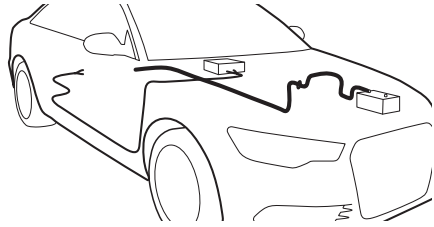
1 *Disconnect Negative Battery Terminal*

Place terminal in a secure position so that it won’t accidentally contact the negative battery post



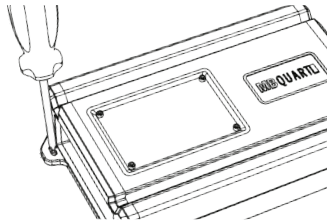
2 *Run Cables*

Properly route power, speaker and RCA cables through the vehicle.



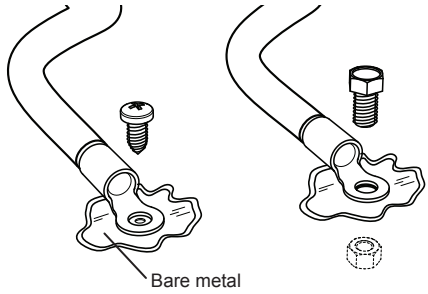
3 *Mount Amplifier*

Choose a mounting location that will provide adequate air ventilation. Mount the amplifier to a secure surface. Do not mount the amplifier upside down.



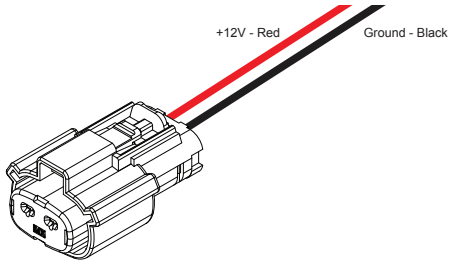
4 Ground

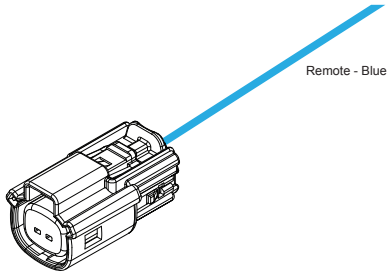
The ground connection is critical to the performance of the amplifier. Choose a location that is close to the amplifier. Completely scrape away the paint and use a nut and bolt if possible.
DO NOT USE AN EXISTING FACTORY BOLT!



5 Power Connection

Attach the chassis ground, +12V and amp turn on wire. It is important to make sure these connections are very secure.

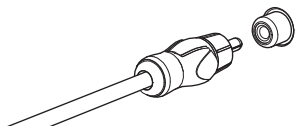




REM TURN ON This will turn on the amplifier when a +12v switched power typically from a source unit, is connected to the Amp Turn On - BLUE wire on the main power connection harness.

6 Signal Input Connection

Connect the RCA cables to the INPUT connectors. **PLEASE NOTE:** If using RCA connectors, the colors coininside with speaker wire color.



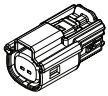
7 Level Control

Turn the LEVEL control completely counter-clockwise to minimum.

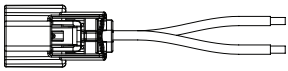


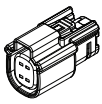
8 Speaker Connections

Connect the speaker cables to the speaker output connectors. Follow the diagram below that best fits your speaker configuration.

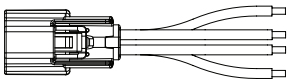


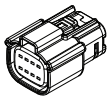
DA2-600.1D



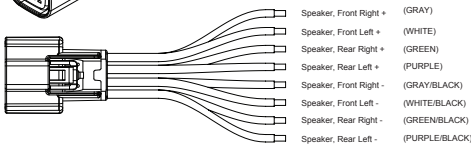


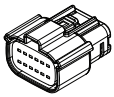
DA2-500.2D



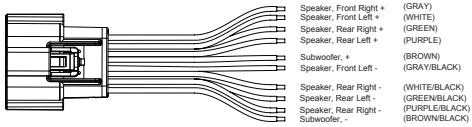


DA2-520.4D



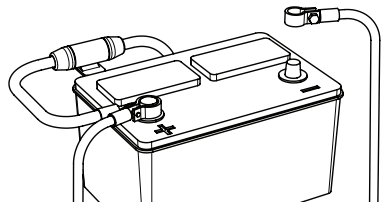


DA2-500.5D



9 Positive Battery Connection

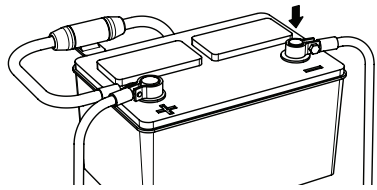
Connect the power cable to the positive battery terminal. The power cable must be fused within 18 inches of the battery terminal.



Be prepared to disarm your vehicle's alarm and to enter your radio / source unit code.

10 Re-connect Negative Battery Terminal

Re-connect the negative battery terminal making sure it is securely tightened.

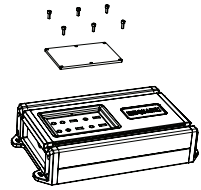


Setup

A Open Control Panel

To gain access to the DISCUS amplifier series top mount setting control panel carefully remove the six screws and lift the face plate up.

When you're finished with the control panel mindfully put the face plate back together with the six screws. Make sure not to over tighten.



B Settings

The illustrations below describe the various controls. Refer to the illustration that matches your amplifier.

1 LEVEL Adjustment

The level control purpose is to match the output of your source signal to the amplifier. Refer to the section C for detailed instructions.

2 X-OVER Switch

This switch will set the amplifier to have a full frequency output or to filter out high or low frequencies.

3 Frequencies Adjustment

The Low Pass Filter will cut off the frequencies above the setting. The High Pass Filter will cut off the frequencies below the setting.

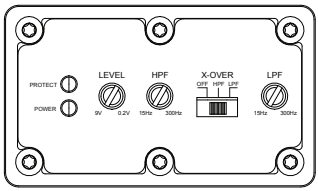
4 SUBSONIC Switch

The Subsonic Switch will cut off the frequencies below the setting.

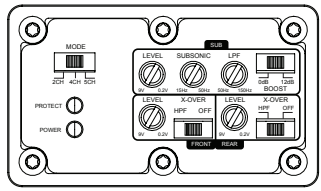
5 BASS BOOST

The Bass EQ control will increase the power output at 45Hz for more pronounced bass. Exercise caution when using this control. Increase the level in small amounts until distortion is noticed, then back off a little.

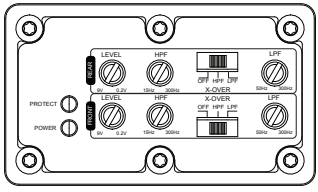
DA2-500.2D



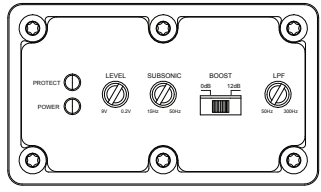
DA2-500.5D



DA2-520.4D



DA2-600.1D



C Level Setting

This is a critical step to insure your amplifier is properly adjusted to match the signal output level of your source unit.

THIS IS NOT A VOLUME CONTROL!



1. If possible, with the source unit off, confirm that the primary volume control is turned down (counter clockwise).
2. Turn on the source unit (CD, or MP3 player). Re-confirm that the volume is turned down. Make sure the source unit controls; balance, fader, bass and treble are all set to center or “0” adjustment. Make sure that the green LED on the end of the amplifier is illuminated.
3. Play a clean musical selection of which you are very familiar. CD is preferred. Do not use radio signals for level setting. Hit play and start turning the volume of the source unit up.
4. Stop increasing the source unit volume when you reach 3/4 (about 75%) or until you hear speakers begin to slightly start producing distortion.
5. Increase the amplifier gain (clockwise) until distortion is heard, then back the level down (counter clockwise) until the distortion is eliminated. Small adjustments may need to be made to balance the levels of multiple amplifiers.

D Remote Level Control

Some models include a bass remote. Avoid adjusting the bass remote while operating vehicle.



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WARRANTY

Maxxsonics, LLC. warrants this product, to the original consumer purchaser, to be free from defects in material and workmanship for a period of one (1) year from the date of purchase. Maxxsonics, LLC. will, at it’s discretion, repair or replace defective products during the warranty period. Components that prove to be defective in materials and workmanship under proper installation and use must be returned to the original authorized Maxxsonics, LLC. retailer from where it was purchased. A photocopy of the original receipt must accompany the product being returned. The costs associated with removal, re-installation and freight are not the responsibility of Maxxsonics, LLC. This warranty is limited to defective parts and specifically excludes any incidental or consequential damages connected therewith. To view the full warranty, please visit the website.

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