

www.mobass.com.tr

MoBass

User Manual

MB-68DSP.A

Product Introduction:

Car Digital Audio Processor.
You could enjoy powerful bass and beat by using it.

Product Feature:

- Nondestructive Installation, socket suits original car, no need to change original car circuit, safety assured.
- Adopt newest and double accurate DSP processor with calculation of floating-point, 100% acoustics improved.
- Zero quiescent current, no need current at standby mode, protect car storage battery well.
- Mute control, CPU detects output noise level, automatically filter unnecessary noise.

Note:

- Please observe the butted wires and install in right ways before installation.
- If the original car is equipped with independent power amplifier or modified audio power amplifier, please consult the local dealer before installing this product, so as to improve the sound effect more effectively with correct connection.
- Please turn off the sound effects of the original car navigation or CD.

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Main unit overview A :

- BYPSSAA/DSP contrast switch
- Mode selection button:
Optional system storage 1-6 sound mode.
- Power/High Level Input/Amplifier Output
- Boot switch
Choose high level start or ACC start.
- Power / sound mode indicator: The indicator light flashes after power on, and the number of flashing intervals represents 1-6 mode.
- External auxiliary signal input.
- Low level signal output.
- USB port.

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- Low level signal output.
- Low frequency signal output.
- USB port.

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Wiring definition:

POWER		HIGH LEVEL INPUT				HIGH POWER OUTPUT					
1	ACC	REM	RR+	RL+	FL+	FR+	FR-	FR+	FL-	FL+	10
11	+12V	GND	RR-	RL-	FL-	FR-	RL-	RL+	RR-	RR+	20

Computer interface:

- Copy the computer debugging software to the operating computer.
- Connect the USB port of DSP with the data cable to the USB port of the computer.
- Open the debugging software (as shown in the figure below).
- The system automatically transmits data, and the upper left corner shows that the connection has successfully entered the debug state.

NOTE:

Wifi system device, turn on the pc Wifi function, search DSP Wifi device and establish connection.

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For Android users, scan the above QR Code to download and install it

For Windows users, scan the above QR Code to download and install it

For iPhone, please search "CAR DSP BLE" on App Store

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High pass filter:

Frequency setting range: OFF/20Hz-20000Hz
High pass filter action: sets the highest high frequency through.
For example, if the high pass filter frequency is set at 800Hz, then the frequency above 800Hz can pass, and the frequency below 800Hz cannot pass.

Low pass filter:

Frequency setting range: OFF/20Hz-20000Hz
Low pass filter function: sets the lowest high frequency through.
For example, if the frequency of the low-pass filter is set at 800Hz, then the frequency below 800Hz can pass, and the frequency above 800Hz cannot

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Graphics equilibrium:

Normal icon equalizer, cannot set the frequency and Q values.
Slowly adjust according to field sound to increase or decrease gain.

EQ equilibrium:

Advanced equalizer, can set the frequency and the Q value, the frequency point can change arbitrarily
Q value: the Q value is small, the width of the frequency band is large, and the adjustment is obvious.
Large Q value, small frequency width and small adjustment change (adjustable range: 0.3-50)

Volume/Phase Control:

Total volume: power amplifier gain adjustment, the default is 0dB, can be adjusted according to the actual situation.
The gain can be independently adjusted for 4 door speakers, medium horn and bass, the default is 0dB, which can be adjusted according to the actual situation, or the whole vehicle interconnection, front field interconnection and back sound field interconnection can be selected.
The phase of 0/180, you can change the horn

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Delay adjustment:

The delay function is to create the effect of the center of the sound field (also called the emperor position) by delaying each loudspeaker.

Digital positioning

The sound field is positioned by input value in the corresponding channel.

Graphical positioning

Click GRAPHIC to enter the quick positioning interface, and moves the blue cursor to locate the sound field according to different car models.

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System options:

Optio : >Advanced/Mixer Sett /Factory Reset/PC Save/PC Load/Save All/Load Ail/
Chinese-English shift/Upd te Firmware/About Advanced>REM boot delay update Firwmare
>Select Firmware Upgrade/Start

Amplifier startup delay:

The startup time of the external power amplifier can be adjusted by software to eliminate the noise when the external power amplifier is turned on. (REM boot delay)

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Bluetooth Player:

- The phone turns on the Bluetooth function, searches for the " Car Music " Bluetooth device, and establishes a connection.
- After the Bluetooth connection is successful, the mobile phone player will automatically open and automatically play music. At this time, you can enter the phone player interface to play music.
- Adjust the volume of the Bluetooth music on your phone.
- When playing mobile phone Bluetooth music, if you answer or make a call at this time, Bluetooth music will pause playing, and the Bluetooth music will resume playing automatically after the call is finished.
- If you want to turn off the Bluetooth music, turn off the Bluetooth function of the phone, and automatically connect and automatically play the Bluetooth music when you turn on the Bluetooth function of the phone next time.

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Product Information:

Operation voltage 14.4V (10.5V-16V)
Max.Output Power 60W x 4
Frequency Response 20Hz-20KHz
Sensitivity 105dB
Distortion(THD) > 0.01%
Input Sensitivity 2-15 V RMS
Low level RCA output voltage 2.5 V

NOTE:

Specifications and the design are subject to possible modification without notice due to improvements.

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