

USER'S MANUAL

MC500

ALL-TERRAIN SPEAKER AND AMPLIFIER SYSTEM



BOSS[®]
AUDIO SYSTEMS

MC500 Motorcycle/UTV Amplified Speaker System

Congratulations on your purchase of a BOSS Audio Systems Off-road amplified speaker system. It has been designed, engineered and manufactured to bring you the highest level of performance and quality, and will afford you years of listening pleasure.

Thank you for making BOSS AUDIO SYSTEMS your choice for entertainment!



MC500 Motorcycle/UTV Amplified Speaker System

Features

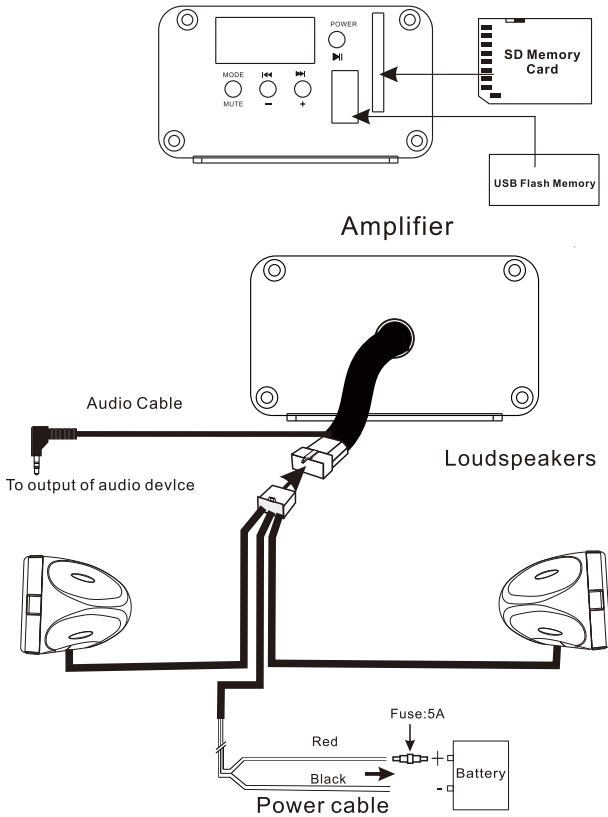
- Detachable amplifier
- Weatherproof loudspeakers with cable wire harness
- Laminated LCD display
- Built in FM radio with electronic auto-scan tuning
- USB interface:support USB flash memory
- SD slot: support 128MB,256MB,512MB,1GB,2GB/4GB SD card
- Automatically playing function:play the music automatically when you insert USB device/SD card with Mp3 format songs
- Remote controller
- Mute function
- 3.5mm stereo input plug
- Easy installation
- Suitable for 12V motorcycles,scooters and boats

Contents

Amplifier	1 PC
High-Performance, Weatherproof Speakers	2 PCS
Amplifier Mounting Screws	4 PCS
Mounting Hardware	2 PCS
Rubber Mounting Shims	4 PCS
Fuse	1 PC
Remote controller	1 PC
User's manual	1 PC

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Connection Diagram

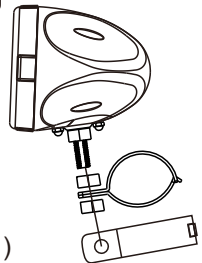


Amplifier and Loudspeaker Mounting

Install Reminder

These should not be installed around any moving parts, keep away from ignition parts, fuel lines, or any hot exhaust

Speakers should not be installed where they might inhibit safety features on the vehicle (i.e. lights, horns, brake levers, etc...)



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Operation Instruction

First Time to Use the System

Plug in the female connector loudspeakers to the male connector at amplifier

Connect an external source to the 3.5mm stereo input plug at loudspeaker wire harness

Connect the power cable to 12VDC power supply

Turn on/Turn off the system

Pressing the button POWER on the front panel for more than 2 seconds, the system will be turned on and ready for operation*.

Pressing the button POWER again for more than 2 seconds will turn off the system.

**Note:* The system will memorize and recall the last state of operating mode (FM radio /AUX/USB /SD) .

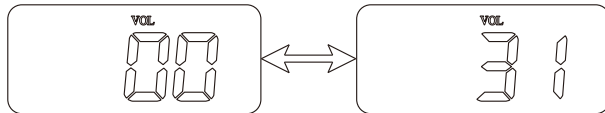
Select an Operation Mode

Pressing the button MODE on the front panel can change the mode from one to other (FM Radio—AUX—USB--SD mode) and select one of the mode you like.

Note: USB and SD modes are active only when a device is connected to the USB port/SD slot.

Volume Control

Pressing the button + or – for more than 2 seconds at any state, the system will be ready for the volume control with the range of 0~31 displayed on the screen. Adjust it to your desired setting without audio distortion.

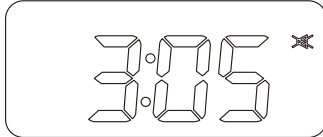



Note: The worlds VOL will be displayed on LCD screen during adjusting system volume.

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Mute Function

Pressing the button MUTE for more than 2 seconds will mute sounds from the outputs of the system at any state. disable it by pressing button MUTE again for more than 2 seconds.

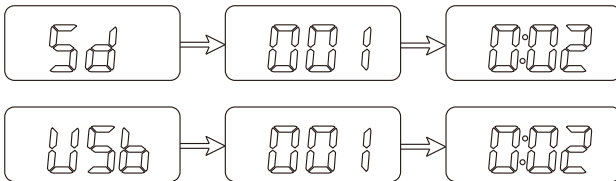



Note:  will be blinking on the LCD when in MUTE state.

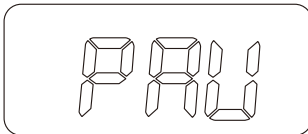
USB/SD Mp3 Automatically Playing Function

The system will play Mp3 format songs automatically when an USB flash memory/SD card is inserted to the USD port/ SD slot on the front panel at any state.

1) Pressing the button /  to select last or next song.



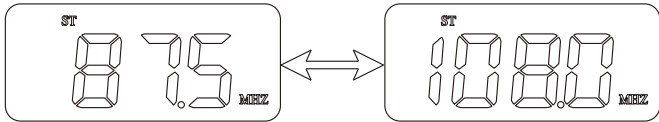
2) Pressing the button  will pause the music playing and disable it by pressing it again.



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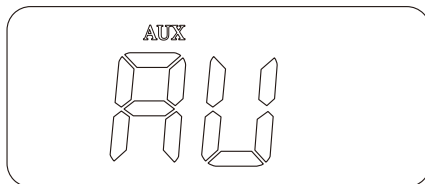
FM Radio Operation

- 1) Press the button MODE on the front panel to select FM Radio Mode.
 - 2) Press button **⏪/⏩** to locate a radio station. The system will keep auto-scan tuning till catching one station.
- Note:* The letters 'ST' will be displayed on the LCD screen when tuned into a stereo station.



AUX Mode Operation

- 1) Press the button MODE to select AUX mode operation.
 - 2) Adjust the volume control to a desired level.
- Note:* AUX will be displayed on LCD indicating the system works in AUX mode.

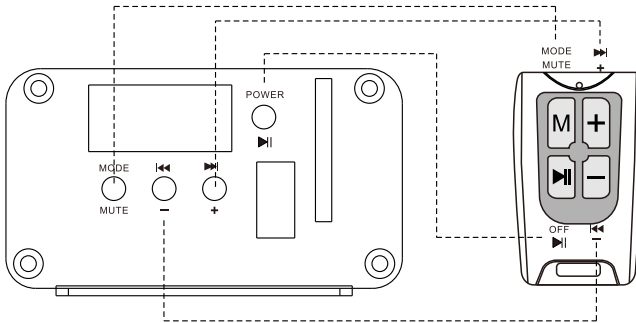


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Remote Control

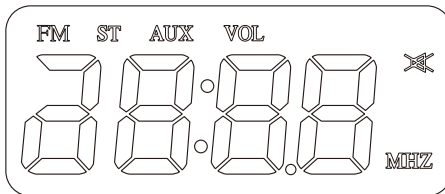
The remote control can take place of the 4 same buttons on the main unit*.

*Note: The key ⊕ (Power) on the remote control can't power up the system but it can power off the system.



Remote controller function diagram

LCD Display



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Specifications

Operation Voltage-----	10~16V
Max Power-----	600W
THD-----	<0.1%
S/N-----	>50dB
Channel Separation-----	>50dB
Channel Balance-----	<2dB
Frequency Response-----	20Hz-20kHz
FM Frequency Range-----	87.5-108.0MHz
FM Sensitivity-----	10 μ V@S/N 30dB
USB Port-----	Support USB 2.0
SD Slot-----	Support 128MB,256MB,512MB,1GB,2GB/4GB

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