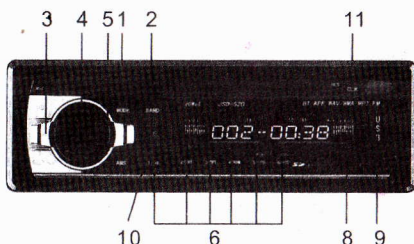


# OPERATION MANUAL

USB/SD/MMC/MP3/WMA PLAYER  
WITH RADIO RECEIVER

**MP3/USB**

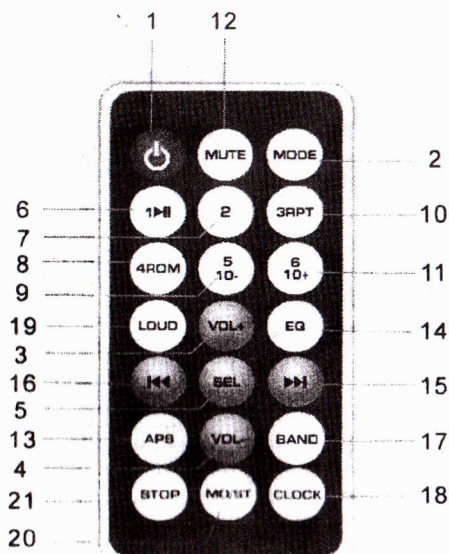


This picture is for reference only,  
Please take the actual prototype.

## Panel function

1. The **power** switch and **MODEL**
2. Band controls **BAND**
3. Station tuning, fast forward and rewind **◀▶**
4. Multi functional selection key **SEL**
5. Button to adjust volume or functional changes in **VOL 5**
6. Storage key "**1,2,3,4,5,6**"
7. Display window
8. **SD** card slot
9. **USB** connector
10. **IR** remote control window
11. Clock adjustment **CLK**

## Remote function



1. The **power** switch
2. **Mode** conversion
3. Volume increase
4. Volume reduction
5. Multi functional selection key
- 6,7,8,9,10,11: digital key
12. **Mute** function
13. Search for stations a **APS**
14. Sound settings **DSP**
15. Scan feature selections
16. Scan feature selections
17. Band conversion **BAND**
18. **Clock** disp
19. **Equal** loudness
20. **Mono&Stereo**
21. **Stop** play

## WELCOME

Thank you for purchasing our products, Read all "manual" to understand the correct operation of this type product method, Keep reading after the completion of, To service future reference.

## Important Reminder

If your car in direct sunlight where, Cause excessive heat inside the car, Should enable the unit to cool before use.

If your car on the outside a very cold place, Should first start the car, To be temperature before using the machine.

If the machine does not power supply, Please check the connection status. If everything is normal, Check the fuse.

Play USB, Please be careful not to crash, Cause the machine to prevent damage, For a long time when not, Remove the USB or SD card.

To prevent a short circuit, Do not place metal objects(Screws, coins, tools) and other components falling into the device.

To protect traffic safety, Please do not concentrate on driving the process of regulating the product.

Before installation ,Refer to wiring diagram, Note that connection, Avoid short circuit.

The unit accepts music format MP3 \ WMA, Do not download pictures and video files to play on this unit, Or can not play or slowdown play back. If the current player is the MP3 format, Display shows MP3, If the WMA format will be displayed as WMA.

In the USB or SD card, please be careful not to other line of wool or hair into the USB or SD tilting deck, To avoid poor contact.

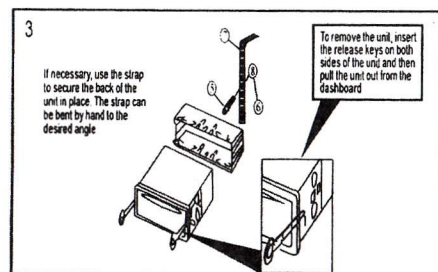
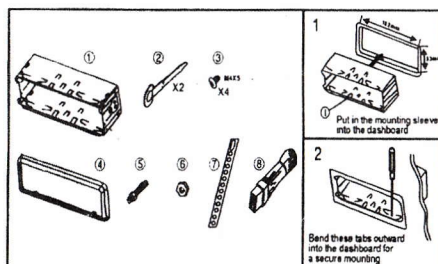
Connect the computer to add, delete files, please make full use of the rear computer USB port.

## Installation Instructions

### Please refer to installation, wiring diagram

Installation of metal sleeve: See installation drawings, the metal set into the instrument panel, with the driver put the top card of metal to fixed locations. Power and Polarity: positive and the car battery positive and negative ground (battery negative or frame at the end (note that, in order to prevent a short circuit, all installed, then the negative battery connected))

### Installation Drawing:

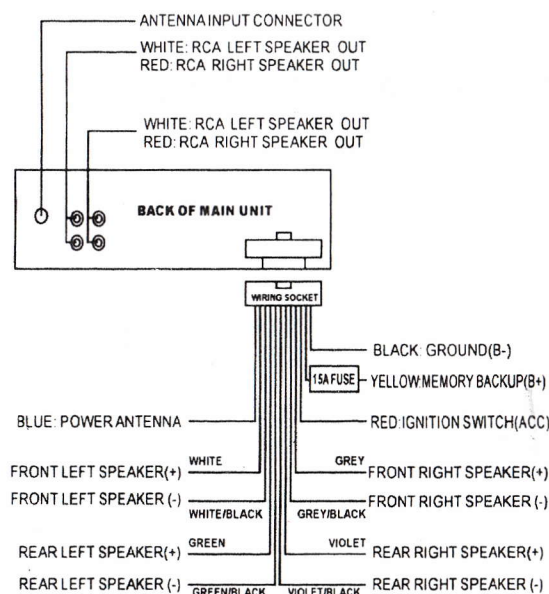


③

## Installation Instructions

⊙yellow (memory wire): the positive connections with 12V constant voltage (provided to the machine's memory lines);  
 ⊙red (power line): 12V power switches and connected (this line with the vehicle ignition switch control); Speaker wire connection:  
 This device is designed to use the "4-8" Ω load impedance speakers, connected to speakers before you disconnect the power and prevent short circuits.  
 Note: Do not use the speakers connected to ground with the body or even touch each other, not to collide with power lines, otherwise it will damage the machine. Replace the fuse: bad first pull out the fuse, the new standards have the same fuse inserted in the output blocks (see wiring diagram).  
 Install the host: the antenna into the antenna base, the right to adjust the antenna if they can, you may get a good reception.

### Wiring diagram:



## Troubleshooting and Maintenance

Sometimes considered a failure phenomenon, is a small operation or a result of wiring errors. Before calling service that, please refer to the following description of a brief examination:

### 1. Unreasonable power?

Fuse box: Make sure there is no short circuit between wires, replace the fuse the same melting capacity. Auto Ignition System ACC position: the same guide wire connected to the ignition wire as the battery wire, the memory is connected to power lines and power supply positive.

### 2. Press the off button does not work:

panel has a reset button please reset, in general, you can work, if it is still not working properly, unplug the power cord then plug the time (probably not plugged in) and then re-plug. Should be able to work properly.

### 3. Does not respond after opening LOUD:

such cases the tuning source used for the selection of tuning the source, no bass compensation

### 4. Silent or whispered:

volume control or balance settings are set on one side, the fader and balance settings at the central position; input / output wires or wiring harness are connected properly. Please refer to wiring diagram sound too excessive or load Weight, the machine automatically protection: after the machine automatically after cooling back to normal.

### 5. Sound quality (distortion):

Speaker wires is being pinched by a screw, check the speaker wires are not wired the speaker: the speaker output terminals, respectively, to the speaker terminals.

### 6. Radio reception is poor

Check the telescopic antenna is normal, check the antenna input socket is good, with or without contact with the defect.

④

## Specifications

### FM radio

Tuning Range	87.5 ~ 108.0 MHz
Sensitivity	≤ 20 dB
Stereo Separation	≥ 25 dB
SNR	≥ 60 dB

### Some playback

Music format support	MP3, WMA
Display Format	ID3 display
Distortion	≤ 0.3%
SNR	≥ 60 dB

### Panel Size

188 wide X 150 deep X 58 high-MM

### Installation dimensions

178 wide X 150 deep X 50 high-MM

### Power supply

12V Machine 11~16V

Note: This machine is 12V machine, not according to the 24V power supply

### Audio

Operating temperature	-20 ~ +60°C
Quiescent current speaker impedance	4Ω
Frequency Response	20 ~ 20000 Hz

### Fuse

Red	1A
Yellow	15A