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

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
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 Drawings:

Wiring diagram:

- **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" Q 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. First pull 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.

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 wire 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.

Specifications

- **FM radio**
  - Tuning Range: 87.5 - 108 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%

- **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