

**MiraDeed** Technology Corp.,

**Car-MP3**

**MD-4**

**Operation Manual**

## **Thank you for Buying**

The versatile MD-4 built with the most advanced On-The-Go (OTG) technology for the best adaptability of Pen-Drives (USB-Drives) in market. The device reads MP3/WMA file stored in devices such as Pen-drives / MP3 / CD / MD player, through USB interface or Audio terminal. Plugging the device to the car-cigarette socket and tuning in your car stereo FM channel. You can enjoy your favorite songs via down-loaded digital music while driving.

## **HANDLE WITH CARE**

- Please operate within Temperature -20°C~80°C
- Keep it away from fire, water and magnet
- Please avoid dropping as possible as you can
- Please don't resolve this device

## **OPERATING NOTE**

- Please turn off the power when you don't use it
- When you want to plug-in or remove your Pen-Drive from this device, please turn-on or turn off first,

because the rash current may will damage your Pen-Drive

- Please don't plug-in your Pen-Drive violent
- Please don't turn around the player violent
- All violent using may will cause hang-up, please re-plug-in the Pen-Drive or reset while hang-up
- Please carefully operate the MP3 player when you are driving in order to avoid carelessly accident
- Please plug-in the external antenna or retuning the FM channel when noise occurred

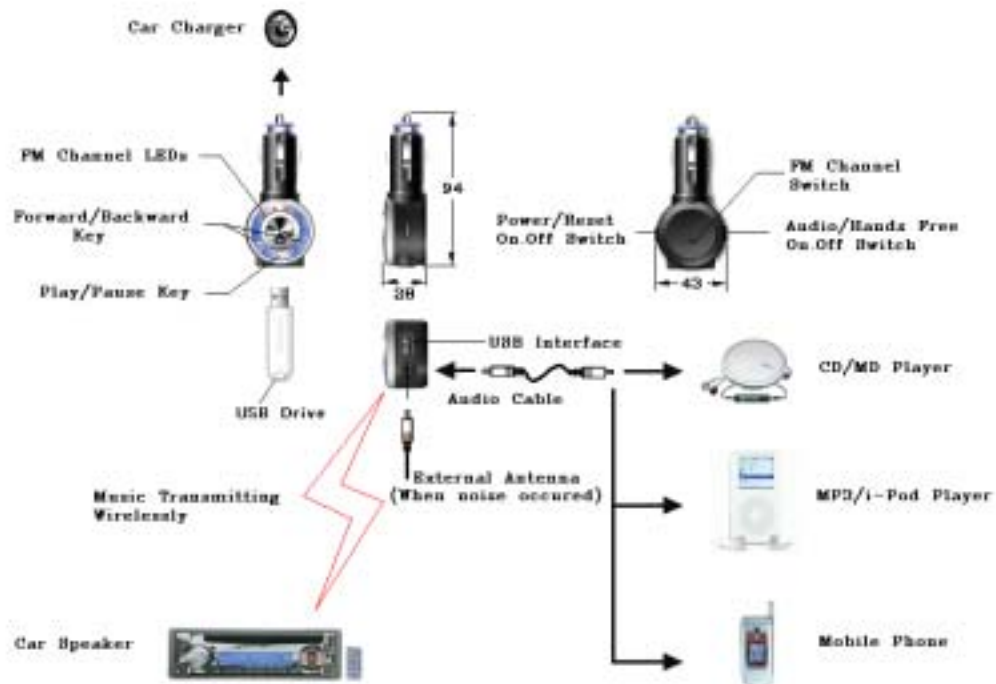
There's severe noise occurred when close by driving near by broadcasting station, please retuning the FM channel or turn-off the power for a while.

## **FEATURES**

- Built-in FM stereo transmitter
- The host controller conforms to Full-speed (12Mb/s) USB Specification, Version 1.1
- Supports the USB flash disk device (Version 1.1 or 2.0) with Mass storage class
- Supports File System including FAT12/ FAT16/ FAT32
- Supports all memory capacity (from 16MB to 1GB or above) USB Flash disk devices.

- Automatically searching for whole disk ( MP3 / WMA Files )
- Input buttons for Play-Pause, forward , backward, Reset , and Channel selection
- 4 channels ranging 106.7 ~ 107.3MHz, with LED indicators
- Extra Phone Jack For Stereo Audio input
- Power supply at 12 and 24V DC, switching automatically.

## CONFIGURATION



## **CONTROLS & FUNCTIONS**

### **CHANNEL INDICATORS**

An array of 4 LED's indicates the frequency channel being set for operation

### **CHANNEL SELECTING KEY**

Switching to set a transmitting frequency channel (on the back side)

### **PLAY-PAUSE KEY w/LED**

1. LED lights on when plug into car cigarette charger, indicating the device is powered .
2. Insert your USB drive and MD-4 searching the music automatically.
3. LED blinks at a low rate (about 2.5" interval) when system is ready to play.
4. Pressing PLAY/PAUSE key for starting to play.

### **POWER/RESET KEY**

Press POWER/RESET key twice to correct error

Or restart the system from default setting when system error occurred.

### **SKIP FORWARD KEY**

Press to skip to the next track / song .

## **SKIP BACKWARD KEY**

Press to skip to the previous track / song .

## **SYSTEM SET-UP**

1. Start your car engine
2. Plug MD-4 in the car cigarette charger and make sure of its firm contact, while Power LED lighting.
3. Insert a music-loaded pen-drive to USB interface, or connect to your audio equipment like CD/MD/MP3 player via Aux terminal.

## **OPERATION**

1. Select a transmitting channel.
2. Tune car-stereo FM band to receive the music from MD-4.
3. Repeat the procedure above until the best-reception frequency is found.
4. Adjust volume level of car stereo to your comfort.

## USEFUL CLUES

- **Pen Drive incompatible**

If PLAY –KEY LED keeps lit on without blinking after Pen Drive is inserted, it could be the pen drive is not a compatible type. Please change your Pen Drive to a suitable one.

- **DISPLAY –KEY LED blinks with no music from car speaker.**

This could be the data stored in your Pen-drive is not a MP3/WMA music format. Please check and make sure the Pen -drive is downloaded with MP3/WMA music format.

## CAUTION

Since your Car-MP3 is a delicate device using digital technology like computers, it is recommended that following cautions are well observed to assure its proper operation:

1. Plug the device only after your car engine started to avoid possible high-current damage.
2. Plug and unplug USB pen drive gently, as rapid actions may cause the device to hang up.

Switch "RESET" key to return its normal operation in case the device hangs up.

3. Connect one source only to the device, pen-drive or audio equipment, although there are two input sockets in the device. Input two sources simultaneously may cause the device to mal-function .



## **BRIEF SPECIFICATION**

- Net weight : about 55g
- Dimensions : 94H x 43W x 28D mm

# FCC Statement

## Federal Communications Commission (FCC) Statement

### RADIO FREQUENCY INTERFERENCE STATEMENT

**This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: 1) this device may not cause harmful interference, and 2) this device must accept any interference received, including interference that may cause undesired operation.**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try correct the interference by one or more of the following measures:

- Reorient the receiving antenna.
- Increase the separation between the equipment and receiver.

- Connect the equipment into and outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any special accessories needed for compliance must be specified in the instruction manual.

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.