

FOR-X



MAESTRO-DSD Car Use DSD Lossless Music Player

OWNER'S MANUAL

Chapter I Introductions

1.Product Features

- Manufacturing Technology of High Precision CNC Aluminum Alloy Shell;
- Supports TF card and USB flash disk playing with capacity up to 512G;
- High definition 2.4 inch true color IPS display screen , music file name and pictures display function;
- MIPS + DSP dual-core high-speed CPU, single thread, hardware decoding, HIFI sound quality;
- Intelligent Classification Function for Songs Classified play by album, artist and style;
- Break-point memory function, which can memorize the information, mode and volume of playing track;
- When in car mode and connected to car ACC power supply, it play automatically when power on and shut down automatically when power off;
- Support 24Bit 192KHz APE/FLAC/WAV, DSD64/128/256,and MP3, WMA, AAC, OGG, AIFF and other file formats;
- Supporting CUE Track Separation Playback Function;
- Equalizer function, preset six sound modes;
- Multiple playback modes: Sequential, Repeat 1,Repeat all, View Playing, Shuffle;
- Delete function (press mode key in playback state);
- Support SPDIF digital audio output (need optical/coaxial converter) ;
- Upgradable for multiple languages, support local firmware upgrades (Copy the firmware to the TF card and upgrade from the card);

2.Product Diagram and Function

Font view:



Side views :

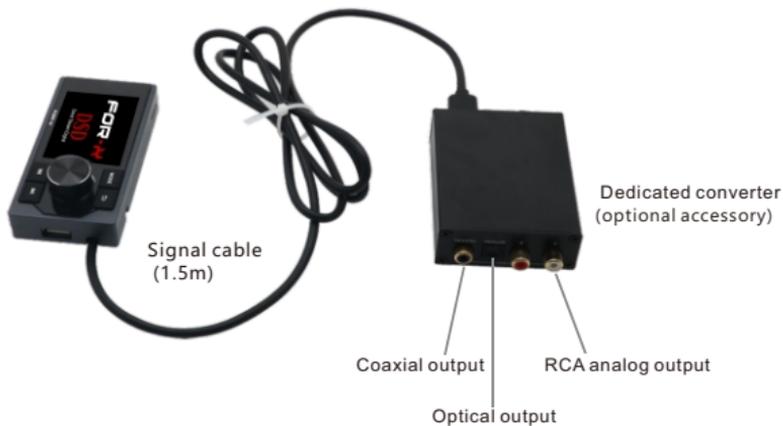


TF card slot



3:Wiring diagram:

Voltage : 12V, current: 0.5A
power supply



CHAPTER II Quick Actions

1. Turn-on

When the power is turned on, the player will start automatically. After the startup logo is displayed, it will enter the playback state before the last power failure.

2. Shutdown

Auto shut down when power off.

3. Standby and restart

After the player is powered on, press the knob for 3 seconds to enter the standby mode; In standby mode, press any key to restore the power on state.

4. Last song/Next song key

In playing state, short press to jump to the previous / next song, long press to fast rewind / fast forward function. In setting / menu selection state, the key function is to scroll up/down menu.

5. Play/Pause

In playing state, press the knob to play / pause; In the Settings/Menu Selection State, it is Enter (Enter/Confirm) function.

6. MODE key

Press the mode key in the playback status to enter: DSP mode / sound setting / deletion operation. If there is a corresponding cue file, you can also enter the cue to select songs for playback.

7. Return key

Press the return key to return to the previous menu. When you return to the top menu, press the up/ down key, and the main menu "music, file browsing, setting, playing" will be cycled.

8. U disk/TFcard switching

After USB flash disk is inserted into the player, enter the music playing menu, press the up/down key to select the USB flash disk directory, and enter the USB flash disk playing; Select SD card directory to enter TF Card playback.

ALL songs
Update Music List
SD card directory
U-disk directory

Chapter III DSP Function Settings

DSP settings
Play mode
Sound settings
Delete

1. DSP sound source

After entering settings, there are 6 sound sources options: High level / Low level / Aux / Optical / Bluetooth / USB.

DSP sound source
DSP mode
DSP volume
DSP communication

2. DSP mode

After entering settings, there are 4 sound sources options which are mode 1 \ mode 2 \ mode 3 \ mode 4. Please set the preset mode on PC in advance. The player only works for checked preset mode on PC.

3. DSP volume

The volume here only works for the total volume of DSP.

4. DSP communication

In case of abnormal conditions such as no sound, enter the setting to determine whether the abnormality is caused by DSP.

Chapter IV File Management and player

1 .Delete files

In the playback/pause state, press the "MODE" key to display the "Delete" menu, select Delete and confirm, that is, delete the current song.

DSP settings
Play mode
Sound settings
Delete

2.Classification of songs

In the main menu state, press the "◀◀ " key or"▶▶ " key to select the "music" menu. After pressing the "play/ pause" key to enter, the following options appear: all songs, playlists, SD card directory, U disk directory.

3.File browsing

In the main menu state, press "◀◀ " or "▶▶ " key to select "File browse" menu, press "▶| " key to display all folders, then press"◀◀"key or"▶▶"key to select folder, press"▶|"key to enter the folder.

4.Equalizer

In the playback/pause state, press the "MODE" key to display the "Sound Settings" menu, select and enter the sound settings.

5.Play mode

In the play/pause state, press the "MODE" key to display the "Play Mode" settings menu, and then enter the Repeat playback, browse playback and random playback mode settings.

Chapter V System Settings

In the main menu state, press the "◀" or "▶" to select the "set" menu, which has the following options: Audio output mode, Display settings, Language, Information, Format device, Auto upgrade, Factory settings.

1. Audio output mode

After entering settings, there are digital / analog output modes options. Please choose "digital" output mode by default; If analog output is selected, there will be no signal output.

2. Display settings

Backlight brightness and timer can be set. Backlight timers are available for 10 seconds, 20 seconds, 30 seconds and always on.

3. Language

The operating language can be set to Chinese, English, Korean.

4. Information

Information: Player information, Disk space and file type supported.

5. Format device

After entering, TF card can be formatted according to the prompt. (Note: All data can not be recovered after formatting, please operate with caution!)

6. Auto upgrade

Local upgrade is supported. When new firmware is officially released, it can be copied to TF card for automatic upgrade. (Firmware file names are unified as: upgrade.hex)

7. Factory settings

Factory settings: Can be restored to factory settings

Chapter VI Other

I. Troubleshooting :

- ▶ No display after power-on

Solution: check whether the power wiring is correct.

The black power line is the ground wire, the yellow line is connected to the 12V positive pole of the normal power supply, and the red line is connected to the 12V positive pole of the key power supply.

- ▶ When playing a file, there is no sound or the sound is rustling

Possible causes: wrong signal line connection, song format problem, DTS coding (rustling, not supported).

- ▶ No signal output

Possible causes: the TF card is in poor contact; the playlist is not updated; the audio output mode is analog.

- ▶ In case of crash, please unplug the power supply and re-energize it in 2 minutes.

2. Technical specifications:

Product Name	MAESTRO-DSD Car use lossless music player
Support memory card capacity	Maximum 512G
LCD Display Screen	Size: 2.4 inch IPS TFT display Resolution: 320*240
Power supply	Dedicated adapter box power supply (optional)
S/N	≥110dB
THD	0.0005%
Break-point play	Support break-point play and power-off memory
Audio format	MP3/ WMA /WAV /APE /FLAC/ ACC/ OGG/ AIFF DSD (DSF/DFF) 64-25
Audio bit rate	WAV/APE/FLAC maximum support 24Bit 192KHz(9216bps), DSD maximum support 1BIT DSD256(11289.6bps)
Adapter box power supply	12V (9-16V) Maximum current: 500MA
Optical output	4V Vp-p
RCA output	2V RMS
Size(LxWxH)	50mm*100mm*18mm (knob height not included)
System language	English(default), Chinese, Korean

The contents of this owner's manual is subjected to change without further notice.