

HA141

MP3 FM TRANSMITTER



INSTRUCTION MANUAL

SAFETY INSTRUCTION

Caution: The user is cautioned that changes and modifications made to the equipment without the approval of manufacturer could void the user's authority to operate this equipment.

Notes: 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 to correct the interference by one or more of the following measures:

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

FCC Warning:

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.

Description of product

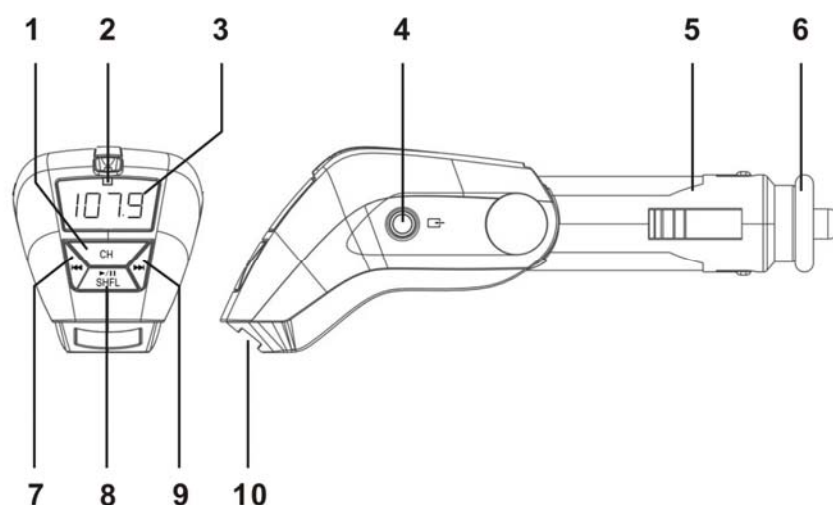
This MP3 FM Transmitter is a in-car use device, using car cigar-lighter terminal as DC power input, when user plug in a U drive to the USB end of this product, if there is MP3/WMA media preloaded into the U drive, transmitter will playback the MP3/WMA music and transmits a FM channel signal automatically, user can receive this FM signal by using the in car radio and enjoy music freely while driving, also user can select a right FM channel from 14 preset channels.

14 preset stations are:

88.1. 88.3. 88.5. 88.7. 88.9
106.7. 106.9. 107.1. 107.3. 107.5. 107.7. 107.9

LOCATION OF CONTROLS

1. CHANNEL UP BUTTON - SELECT DESIRE TRANSMISSION FREQUENCY
2. RED LED INDICATOR - INDICATES MODE OF POWER/PLAY/PAUSE/SHUFFLE
3. CHANNEL DISPLAY - DISPLAY TRANSMISSION FREQUENCY
4. LINE IN JACK - FOR LINE IN TRANSMISSION
5. CIGARETTE END FOR 12V DC INPUT - FOR DV12V INPUT
6. FUSE COVER - OPEN TO CHANGE FUSE
7. PREVIOUS TRACK/VOLUME DOWN BUTTON - SKIP TO PREVIOUS TRACK;



DECREASE VOLUME LEVEL

8. PLAY/PAUSE/SHUFFLE BUTTON - PRESS TO PLAY/PAUSE/SHUFFLE MODE
9. NEXT TRACK/VOLUME UP BUTTON - SKIP TO NEXT TRACK; INCREASE VOLUME LEVEL
10. USB DRIVE INPUT - FOR U DRIVE INPUT

OPERATION

U DRIVE PLAYBACK TRANSMISSION

Getting start

-Start the vehicle's engine without the USB-FM Transmitter HA141 in the cigarette lighter socket. Starting the engine with the USB-FM Transmitter plugged in may cause it damage.

-Then plug the 12 Volt adaptor end of the USB-FM Transmitter into the vehicle's 12 Volt cigarette lighter socket or 12 Volt Power Outlet.

-The Red Power LED will light up indicating the unit has power and the LED for the radio frequency will show 88.9, the first FM pre-set radio frequency.

-Insert a USB flash drive with MP3/WMA audio files, that do not have Digital Rights Management (DRM), with a bit rate of 128 Kb per second or less. Save the files on the disk in the root directory and not in folders.

-Press the Channel Button to select one of the following 12 FM Presets that is not being used by any local radio stations. USB-FM Transmitter remembers the last broadcast frequency used.

88.1. 88.3. 88.5. 88.7. 88.9

106.7. 106.9. 107.1. 107.3. 107.5. 107.7. 107.9

Playback

-Press the Play/Pause/Shuffle button to play the first MP3/WMA file on the flash drive. The Red LED will flash to indicate the MP3/WMA player is working.

Shuffle Playback mode

-Press and hold the Play/Pause/Shuffle for 3 seconds to play files in shuffle mode, files will be played at random in shuffle mode, the Red LED will flash faster to indicate Shuffle play.

Skip forward and Volume control up

-Press the Next Track/Volume Up Button once to advance the to the next track. Press and hold this button to increase the volume of the file being played. Too high a volume will cause distortion. If you hear distortion, decrease the volume on the USB-FM Transmitter then increase the radio's volume.

Skip backward and Volume control down

-Press the Previous Track/Volume Down Button once to return to the previous file played. Press and hold this button to decrease the volume of the MP3/WMA file being played.

LINE-IN PLAYBACK TRANSMISSION

Getting start

-Plug the 12 Volt adaptor end of the USB-FM Transmitter into the vehicle's 12 Volt cigarette lighter socket or 12 Volt Power Outlet.

-The Red Power LED will light up indicating the unit has power and the LED for the radio frequency will show 88.9, the first FM pre-set radio frequency.

-Connect a headphone output(MP3 player, Personal CD Player/ Boombox etc..) to the LINE-IN JACK.

-Press the Channel Button to select one of the following 12 FM Presets that is not being used by any local radio stations. USB-FM Transmitter remembers the last broadcast frequency used.

88.1. 88.3. 88.5. 88.7. 88.9

106.7. 106.9. 107.1. 107.3. 107.5. 107.7. 107.9

-Then transmitting will be activated automatically.

SPECIFICATION

-INPUT SOURCES	USB PORT AND AUDIO INPUT
-COMPATIBLE MUSIC FORMAT	MP3, WMA
-SHUFFLE MODE	YES
-LAST STATION RECALL	YES
-14 FM FREQUENCIES:	88.1, 88.3, 88.5, 88.7, 88.9 106.7, 106.9, 107.1, 107.3, 107.5, 107.7, 107.9
-DIGITAL DISPLAY	4 DIGITS LED DISPLAY
-STEREO AUX AUDIO INPUT JACK	YES
-AUDIO CABLE INCLUDED	YES
-RED (LED) INDICATOR	POWER AND PLAYBACK INDICATION
-FOUR FUNCTION KEYS	CENTRE (PLAY/PAUSE/SHUFFLE), LEFT (REW), RIGHT (FFW) DOWN (CHANNEL UP)
RF OUTPUT IMPEDANCE	50Ω
MODULATION	FM MODULATION
SUPPLY VOLTAGE	12V
OPERATING TEMPERATURE	-10 - +65°C
HUMIDITY	≤ 85%
AUDIO INPUT LEVEL	-14 dBV
AUDIO INPUT FREQUENCY RANGE	30 - 15K HZ
CHANNEL SEPARATION	25db
TOTAL HARMONIC DISTORTION	0.1 %
TRANSMISSION OUTPUT LEVEL	1.5 dbm 50Ω
ANTENNA TYPE	BUILT-IN

All specification is subject to be revised without any further notice