

MobileSpec™

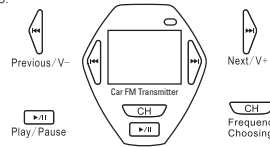
connect. listen. live.®

FM Transmitter with LCD Display

MBS13200

Function

1. Mini body can be adjusted to any angle to conveniently read the modulator display. Can be used in any vehicle with a 12-Volt port.
2. MP3/WMA FM transmitter.
3. Use with 128 MB to 16 GB SD™ cards, Micro SD or USB memory device.
4. For best results, match the frequency on the FM Transmitter to the frequency of the car radio, 87.5 MHz to 108.0 MHz.
5. LCD display shows frequency, song title, and lyrics on the screen.
6. Press the EQ button to select the mode of music you wish to listen to.
7. Infrared wireless remote control function.
8. Song, frequency and volume memory functions.
9. Quick and easy selection of frequency and song folder.
10. Supports 16 languages.
11. Supports folder function.
12. Can be used as a card reader when connected to a PC.
13. Serves as a high-level FM Transmitter to input music from MP3/VCD/CD/DVD. Transmits music to your car radio through the transmitter. In order to reduce "noise" remove USB drive or the SD card while using with other devices.





Key Operation

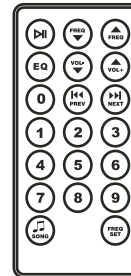
1. Press "CH" button to choose your frequency from 87.5 MHz to 108.0 MHz. Press the "CH" button once to display the current frequency. Press the "Left" or "Right" arrows **◀** or **▶** to increase or decrease the frequency. Hold down and press the "Play/Pause ▶/||" button to enter the main menu setting.
2. Press the "Left Arrow Key **◀**" to select the previous song, keep pressing the button to decrease the volume.
3. Press the "Right Arrow Key **▶**" to select the next song, keep pressing the button to increase the volume.
4. Select "▶/|| Play/Pause" when you plug the FM transmitter into the 12-Volt port in your vehicle to play music from your USB device or SD card. It will play automatically. Press the button once to play/pause; press this button again to start replay. Press and hold down this button to enter shut down mode; press and hold this button again to reboot.

Audio Line

1. Insert one end of the 3.5 mm audio cable into the audio jack on the FM transmitter. (Your FM transmitter MUST be on PAUSE when you plug in your cables so you don't distort your music).
2. Insert the other end of the 3.5 mm audio cable in your MP3/MP4 player or CD/DVD player.
3. Turn "On" your device and music will be transmitted to the FM transmitter through the audio line.
4. Enjoy your music through your vehicle radio.

Infrared Wireless Remote Control

1. Press "Left and Right"  or  arrow buttons to select your song, the number of the song will show on the screen.
2. To select a song that you like, enter the number of the song using the number keypad and then press "Pick Song". Example: Press "1", "3", "5", then press "Pick Song". You will see "135" on the screen and it will play the song number 135.
3. Press the "Minus Sign (-)" to reduce the volume and press the "Plus Sign (+)" to increase the volume. You can also use your radio volume adjustment to control the volume.
4. Press "CH" button to reduce the frequency; press "CH+" to increase the frequency. The selected frequency will be shown on the screen.
5. You can also adjust the frequency by entering the numbers using the number keypad and pressing "CH Set". Example: Press "1", "0", "7", "5" and then press "CH Set", you will see "107.5" on the screen.
6. Press the "EQ" button to choose music mode: Acoustic, Pop, Rock, Classical, Jazz, Soft, DBB.
7. Press "▶/||" button to play and pause.
8. When music is playing, press "Pick Song" and "CH Set" to choose last or next folder.



Specifications

Power:	Direct Current 12-Volt to 24-Volt
File Format:	MP3/WMA
Working Current:	<100 mA
Transmit Power:	32 k bps to 320 k bps
FM Frequency Range:	87.5 MHz to 108.0 MHz, 0.1 MHz as one level
Frequency Response:	45 dB
Frequency Distortion:	<1%
Transmit Distance:	<5 M
Support languages:	Chinese, English, Japanese, Korean, German, French, Italian, Spanish, Swedish, Czech, Dutch, Portuguese, Danish, Polish, Russian and Turkish.

Operating Instructions

1. Insert FM Transmitter adapter into a 12-Volt or 24-Volt port in your vehicle and insert a USB device or SD card into the transmitter. The screen will show the frequency and the song name.
2. Adjust the frequency to be the same frequency you are using on your vehicle radio. Example: Vehicle radio shows 88.1, the FM Transmitter should be adjusted to 88.1.
3. Press "CH+" or "CH-" button to change the frequency. You can select any frequency. Choose a frequency that is not used by your local broadcasting stations or one that has a weak signal to get the best sound.
4. When using your transmitter press the "▶/|| Play/Pause" button, it will pause and remember the current song and frequency.

Attention

1. Please use the recommended voltage, 12 Volts or 24 Volts. If you use a voltage out of this range it may affect how the transmitter works and may damage the product.
2. Do not plug the unit into your 12-Volt port before starting your vehicle or after using your cigarette lighter socket. This may damage the unit.
3. Please disconnect the transmitter from your 12-Volt port after each use.
4. It is recommended to use the car's speaker to control the volume. If you have the volume of your FM transmitter turned up too loud it may cause static or distort the sound quality of the music.
5. Please avoid using a local strong radio station when you select a channel, it may also affect the quality of the sound.
6. If you are not hearing your music be sure to check that the frequency on the FM transmitter is tuned to the same as your vehicle radio. Also check to be sure you have the volume turned up on the vehicle radio.

If you can hear sound being delivered into a person's ear via headphone or earphones, it indicates the sound is too loud and over an extended period can lead to permanent hearing loss.

ONE-YEAR LIMITED WARRANTY

For product information, technical support and warranty information, please visit www.mobilespec.com

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NOTE: 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

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.