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› MobileSpec 12V Charger with 2.1A USB Port, FM Transmitter, Hands-Free Mic, and Large LED Display User Manual

Mobile Spec MBS13203

MobileSpec 12V Charger with FM Transmitter

MODEL: MBS13203

Introduction

This user manual provides detailed instructions for the MobileSpec 12V Charger with FM Transmitter. This device enhances your driving experience by allowing you to stream audio from your Bluetooth-enabled device through your vehicle's FM radio and make hands-free calls. It also features a 2.1A USB port for charging your mobile devices. Please read this manual thoroughly before using the product to ensure proper operation and to maximize its features.

Package Contents

Upon opening the package, please verify that all items are present and in good condition:

- MobileSpec 12V Charger with FM Transmitter
- User Manual



Image: The MobileSpec FM Transmitter shown within its retail packaging, highlighting the product's presentation and included accessories.

Product Features

The MobileSpec 12V Charger with FM Transmitter is equipped with the following key features:

- **Bluetooth 3.0 Wireless Technology:** For seamless audio streaming and hands-free calling.
- **Single 2.1A USB Port:** Provides efficient charging for smartphones, tablets, and other USB-powered devices.
- **Large LED Display:** Offers clear visibility of FM frequency, volume, and connection status.
- **Built-in, Hands-Free Microphone:** Enables clear communication during calls without needing to hold your phone.
- **Flexible Neck Design:** Allows for easy adjustment of the device's position for optimal viewing and access.



Image: A clear front view of the MobileSpec FM Transmitter, showcasing its large LED display, control buttons, and the flexible neck connecting to the 12V power adapter.

Setup

Follow these steps to set up your MobileSpec FM Transmitter:

1. **Insert into 12V Socket:** Plug the FM Transmitter firmly into your vehicle's 12V (cigarette lighter) power socket. The device will power on automatically, and the LED display will illuminate.
2. **Find an Empty FM Frequency:** Tune your vehicle's FM radio to an unused frequency. This should be a frequency with no active radio station broadcasting, typically indicated by static or silence.
3. **Match Frequencies:** On the FM Transmitter, use the frequency adjustment buttons (usually the 'Previous' and 'Next' track buttons when in FM mode, or a dedicated frequency knob/buttons) to match the frequency displayed on the device to the empty frequency you found on your car radio.
4. **Pair Bluetooth:** Once the FM frequency is set, the device will enter Bluetooth pairing mode (indicated by a blinking Bluetooth icon on the display). On your mobile device, enable Bluetooth and search for available devices. Select "MobileSpec" or a similar name from the list to pair. Once paired, the Bluetooth icon on the transmitter's display will become solid.



Image: A side view of the MobileSpec FM Transmitter, highlighting the flexible neck that connects the main unit to the 12V car adapter, and the 2.1A USB charging port located on the adapter.

Operating Instructions

Bluetooth Audio Streaming

After successful Bluetooth pairing, you can stream audio from your mobile device (music, podcasts, navigation) through your vehicle's speakers. Ensure your car radio is tuned to the same FM frequency as the transmitter.

- **Play/Pause:** Press the 'M' (Multi-function) button once to play or pause audio.
- **Next/Previous Track:** Use the 'Next' (▶▶) and 'Previous' (◀◀) buttons to skip tracks.
- **Volume Control:** Rotate the 'M' knob clockwise to increase volume and counter-clockwise to decrease volume. Adjust your car radio's volume as well for optimal sound.

Hands-Free Calling

The built-in microphone allows for convenient hands-free communication.

- **Answer Call:** When an incoming call rings, press the 'M' button once to answer.
- **End Call:** During a call, press the 'M' button once to end the call.
- **Reject Call:** Press and hold the 'M' button for 2 seconds to reject an incoming call.
- **Redial Last Number:** Double-press the 'M' button to redial the last dialed number.

USB Charging

The 2.1A USB port on the 12V adapter provides power for charging your devices.

- Connect your device's USB charging cable to the 2.1A USB port on the FM Transmitter.
- Ensure your vehicle's ignition is on for power delivery.



Image: A detailed view of the MobileSpec FM Transmitter's display and control panel, illustrating the layout of the buttons for mode selection, track control, and the multi-function knob.



Image: A close-up of the MobileSpec FM Transmitter's LED display, showing the Bluetooth connection status (indicating 'Disconnect'), the current FM frequency, and the vehicle's battery voltage (14.0V), providing key operational information.

Maintenance

To ensure the longevity and optimal performance of your MobileSpec FM Transmitter, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the device. Do not use liquid cleaners or abrasive materials, as they may damage the surface or internal components.
- **Storage:** When not in use for extended periods, store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping the device or subjecting it to strong impacts, which can cause internal damage.

Troubleshooting

If you encounter issues with your MobileSpec FM Transmitter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power/Display off	Loose connection; Vehicle 12V socket not active; Blown fuse in vehicle.	Ensure the device is firmly plugged in. Check if the vehicle's 12V socket is receiving power (e.g., with ignition on). Consult vehicle manual for fuse box location and replacement.
Poor sound quality/Static	FM frequency interference; Incorrect frequency match.	Find a new, completely empty FM frequency on your car radio and match it on the transmitter. Avoid frequencies near strong local radio stations.
Bluetooth not connecting	Device not in pairing mode; Bluetooth off on mobile device; Already connected to another device.	Ensure the transmitter's Bluetooth icon is blinking. Turn Bluetooth off and on again on your mobile device. Forget the device from your mobile's Bluetooth settings and re-pair.
Hands-free call quality is poor	Microphone obstruction; Background noise.	Ensure the microphone is not obstructed. Reduce background noise in the vehicle (e.g., close windows, turn down fan).
USB port not charging	Loose cable; Device not powered; Cable fault.	Ensure the USB cable is securely connected. Verify the transmitter is powered on. Try a different USB cable.

Specifications

Brand	Mobile Spec
Model Number	MBS13203
Connectivity Technology	Bluetooth, USB
Power Source	Corded Electric (12V DC)
USB Output	2.1A
Material	Plastic
Item Weight	7.7 ounces
Product Dimensions	2.5 x 5 x 8.6 inches
Country of Origin	China

Warranty and Support

MobileSpec products are designed for reliability and performance. For specific warranty details and terms, please refer to the warranty card or documentation included with your product at the time of purchase. Warranty periods and coverage may vary.

For technical support, troubleshooting assistance, or inquiries regarding your MobileSpec FM Transmitter, please contact MobileSpec customer service through the contact information provided on the product packaging or the official MobileSpec website. Please have your model number (MBS13203) and proof of purchase ready when contacting support.

ASK A QUESTION ABOUT THIS MANUAL

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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