

RESPONSE

FM Transmitter with Bluetooth® Technology & QC 3.0 USB



User Manual

AR-3142

Box Contents:



1 x FM Transmitter with Bluetooth Technology



1 x 3.5mm to 3.5mm Auxiliary Cable



1 x Spare Fuse

Product Diagram:



#	Feature:	Description:
1.	Power On/Off	Press and hold for 3 seconds to turn the unit on or off
2.	LED Display	Displays the frequency, calls, volume and LED voltage display
3.	Line Out	Connect to the line input of your car stereo
4.	Line In	Connect to an audio device such as a smartphone using a 3.5mm auxiliary cable
5.	microSD Card Slot	Insert a microSD card up to 32GB
6.	CH Button	Changes the FM frequency

7.	Channel Down / Previous Track	Press to change the frequency channel down or skip to the previous track
8.	Call / Hang Up / Volume Dial / Frequency Adjustment	Press to answer calls, hang up, adjust the main volume or adjust the FM frequency
9.	Channel Up / Next Track	Press to change the frequency channel up or skip to the next track
10.	Mode	Change between Bluetooth, USB, microSD & Line In Modes
11.	Quick Charge 3.0 USB Charging Port	Charges a smartphone up to 3A using Qualcomm Quick Charge 3.0 for Android devices. iOS devices will charge up to 2.4A
12.	USB Music / 2.4A USB Charging Port	Insert a USB flash drive up to 32GB or charge a smartphone up to 2.4A

Operation:

FM Pairing:

1. Insert the FM Transmitter in to your vehicle's 12 or 24VDC cigarette lighter socket.
2. The FM transmitter will be automatically powered once your vehicle has been started.

3. Tune your car radio to an unused FM frequency between 87.5 and 108.0MHz.

Note: If you hear soft music, voices or loud static, then it is suggested to change to another FM frequency.

4. Press the CH button, you will now see the FM frequency flashing on the LED screen.

5. Press the channel up, down or the frequency adjustment/call button and select the same FM frequency of your car radio between 87.5 and 108.0MHz.

6. Once the FM frequency has been selected; press the CH button or the frequency adjustment/call button to set the FM frequency.

Bluetooth Pairing:

1. Open the settings of your smart phone and ensure Bluetooth is turned on.

2. Once your Bluetooth is enabled; Scan for devices and the Bluetooth name AR-3142 should appear. If the name doesn't appear then please ensure the FM transmitter is correctly turned on.

Bluetooth Name: **AR-3142**

3. Press the AR-3142 on the Bluetooth device list and your smartphone should show that it is connected.

Note: Please use the Bluetooth® password "0000" if required. Most smartphones don't require a Bluetooth® password.

4. You can now start playing audio from your smartphone to the FM transmitter.

5. In order to change the volume; rotate the volume dial up or down. The volume may also be controlled by your smartphone.

Bluetooth® Hands-Free:

1. Press the call button  or say the word "YES" to answer an incoming call.
2. Press the CH button or say the word "NO" to reject the incoming call if you wish not to answer it.
3. Once a call has been received; press the call button  again to hang up.
4. Press the call button  twice to dial the previous number automatically. Press the call button  again if you wish to cancel dialing.
5. Press the MODE button to change the audio output from your car stereo to your smartphone during calling if you wish to change it.
6. The phone numbers can only be dialed by your smartphone. Once the call is connected; you can use the hands-free function to call again, hang up and receive calls.

Note: When an incoming call is received; it will automatically switch from music mode. It will revert back to music mode once the call has ended.

USB/microSD Playback:

1. Insert a USB flash drive or microSD card up to 32GB in the USB or microSD card slot. The USB flash drive needs to be inserted in the music/charging port which is located at the bottom.
2. Once the USB or microSD has been inserted; it will automatically start playing.
3. Press the next or previous track button to change songs from your USB or microSD card. The format of the songs must be either in MP3 or WMA.

Note: When your car has started in Bluetooth mode; it will automatically switch to the last play mode. If you want to select the USB or microSD card when in Bluetooth mode then press the call button after 7 seconds. Press the play button on your smartphone if you wish to play Bluetooth mode again.

3.5mm Line In:

1. Insert the 3.5mm to 3.5mm auxiliary cable to the line input located on the side of the FM transmitter.
2. Connect the opposite end of the 3.5mm cable to the 3.5mm audio socket of your smartphone or MP3 player.
3. Once your device has started playing music; it will automatically output to the FM transmitter or you can select by pressing the mode button.

3.5mm Line Out:

1. Insert the 3.5mm to 3.5mm auxiliary cable to the line output located on the side of the FM transmitter.
2. Connect the opposite end of the 3.5mm cable to the 3.5mm audio socket of your car stereo if it has one.
3. Select the Aux input of your car stereo and it will automatically play from the FM transmitter through your

car stereo. This will eliminate any static noise from the FM radio.

Intelligent Voice Answer:

This FM transmitter features intelligent voice answering when an incoming call is received. You can say "YES" or "NO" to answer or reject a call.

YES – Answer Call

NO – Reject Call

Start Up LED Voltage Display:

The FM transmitter will automatically display the car battery voltage when the car is turned on for the first time.

Note: The battery voltage will not display any other time besides on start up.

Power On/Off:

Once the FM transmitter has been inserted in to the cigarette lighter power socket, then it will automatically turn on once your car has been started.

To turn the device on or off, press and hold the power button for up to 3 seconds.

USB Charging:

1. Insert a USB cable (Not Included) to your smartphone, MP3 player or any other device for charging.
2. Insert the opposite end of the USB cable to the USB charging socket of the FM transmitter.
3. The top USB socket is a Qualcomm Quick Charge 3.0 fast charging port of up to 3A. This will fast charge Android devices if they're supported with Quick Charge.
4. If you have an iOS device then it will charge up to 2.4A.

5. The second USB socket located at the bottom has a standard charge of 2.4A only. If you use both sockets at one time, then it will charge up to 5.4A.

Note: Your device must support Chick Charge 3.0 in order for it to charge up to 3A.

Troubleshooting:

Problem:	Solution:
LED Display Won't Turn On	Check to see if the device has been inserted correctly and your car has been turned on.
	Check if the cigarette lighter socket in your car is functioning correctly.
	Check to see if the fuse has blown by unscrewing the end of the cigarette lighter socket. Replace it with the spare fuse included.

USB/microSD Not Recognised	Check to see if the microSD or USB has been inserted correctly.
	Ensure the format of the USB/microSD is FAT32 or exFAT otherwise it will not work. Connect it to your computer to check the format or in order to change it from NTFS to FAT32 or exFAT.
No Audio	Check to see if the volume is turned up on your smartphone.
	Check if the volume on the FM transmitter has been turned up.
	Check if the USB or microSD has been inserted correctly and formatted to FAT32 if playing in music mode.

Problem:	Solution:
Loud Noise & Static While Playing	Change the FM frequency to a more clear and unused channel otherwise this noise will continue.
	If your car has a 3.5mm audio input socket, then connect the auxiliary cable from the line

	output of your FM transmitter to the line input of your stereo. This will avoid any static noise.
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Safety:

1. Do not open the case of this product to prevent the unit from damage.
2. Keep the FM transmitter away from high temperatures as it may damage the device.
3. Do not expose the FM transmitter to water or liquids to prevent the unit from damage.

Features:

. Quick Charge QC3.0 & 2.4A Charging Ports

- . Hands-Free Calls & Voice Prompt
- . USB & microSD Card Playback
- . Intelligent Voice Answer & Rejection
- . 3.5mm Line In & Line Out
- . Start Up LED Voltage Display
- . In-Built Microphone

Specifications:

Display: 2.0" LED

Bluetooth Version: 4.2+EDR

Bluetooth Protocol: AVRCP, HFP, A2DP

Bluetooth Device Support: Requires V2.1+

Input Voltage: 10-28VDC

FM Frequency: 87.5-108.0MHz (206 Channels)

USB/microSD Capacity: Up to 32GB

USB/microSD Audio Format: MP3, WMA

USB/microSD Card Format: FAT32, exFAT, FAT16, FAT12

USB Output: 3A Max (QC3.0 Charging Port)

2.4A Max (Music/Charging Port)

5.4A Total

Dimensions: 186(H) x 77(W) x 48(D)mm

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