



Auto Drive FM Transmitter Manual: ARTSUN VM-216 Bluetooth FM Transmitter User Guide

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The ARTSUN VM-216 Bluetooth FM Transmitter with Remote Control is a high-performance device designed specifically for use in cars. It features a Bluetooth module and audio decoding chip, AUX input, and a remote control that allows you to play music files from a U disk and transmit them to your car stereo via FM wirelessly. You can also connect your mobile phone via Bluetooth and transmit music wirelessly to your car stereo. The built-in hands-free phone call system enables you to switch seamlessly between music and incoming calls, allowing you to talk on the phone freely while driving. The device works by means of wireless transmissions, so you can keep the original classic setting of your car and still enjoy music on the road. The remote control can also be used as a steering wheel function control system, bringing you a brand new music listening experience during your driving. The user manual provides detailed instructions on how to use the device safely and effectively, including information on how to connect your smartphone, play music, pause/play, switch tracks, and make hands-free phone calls. The package includes the VM-216 Bluetooth FM Transmitter, VM-ROI Remote Control, User's Manual, O.SM 3.SMM Aux In Cable, and Pin. Please note that product features may be upgraded without notice.

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ARTSUN VM-216 Bluetooth FM Transmitter With Remote Control



VERSION: V-01

Thank you for choosing VM-216 Bluetooth FM Transmitter which is dedicated for cars. This product uses a high-performance Bluetooth module and audio decoding chip, supports AUX input and comes with a remote control. It can play music files in the U disk and transmit them to the car stereo via FM wirelessly. You can connect via Bluetooth, and transmit the music in the mobile phone wirelessly to the car stereo. Built in hands-free phone call system switches between music and incoming calls seamlessly and enables you talk on the phone freely during your driving.

This product works by means of wireless transmissions, so you can keep the original classic setting of your car and still enjoy music on the road.

At the same time, the remote control of this equipment can also be used as a steering wheel function control system, which can bring you a brand new music listening experience during your driving.

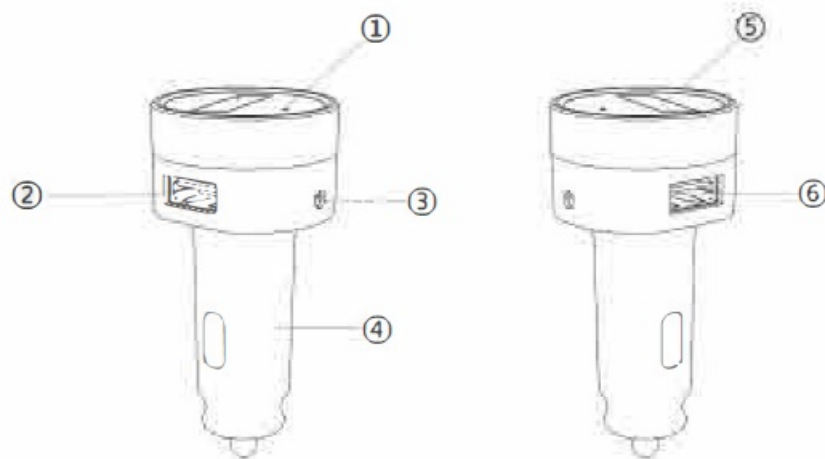
Safety Guide

1. Do not drop, puncture or disassemble this product;
2. This product is not waterproof, please do not expose it to rain or water splashing;
3. For safety, do not prolong exposure to direct sunlight;
4. Do not place this product in an open flame that may cause an explosion;
5. Clean with a clean soft cloth and do not use any corrosive cleaning agent;
6. Drive safely. Do not operate this product while driving.

Features

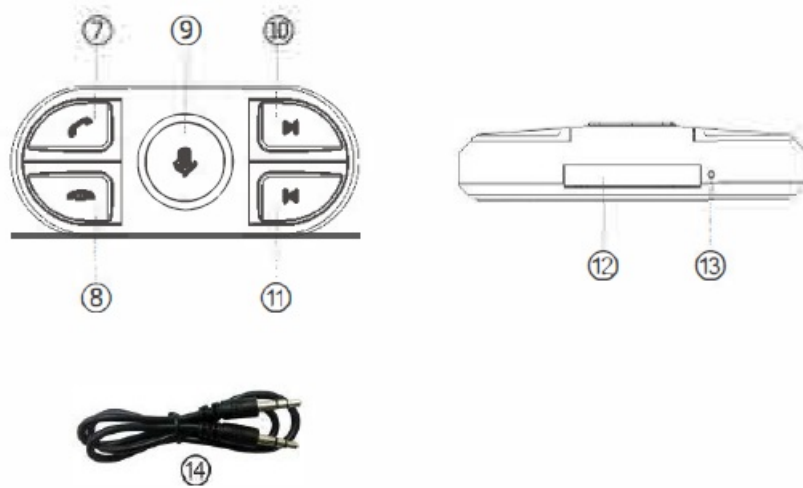
1. Short press the voice button to wake up the voice assistant, voice navigation and voice dial;
2. The remote control can be glued to the steering wheel to answer the phone and switch songs while driving;
3. Supports mobile phone A2DP function, plays high-quality mobile music directly after connecting to Bluetooth;
4. After connecting to Bluetooth, it will automatically connect back after power on and enter the pairing state automatically;
5. AUX supports U disk to play MP3/WMA/JWAV/FLAC/APE format music;
6. Comes with car charger, output 5V-2.4A;
7. This device has a car battery voltage display function;
8. Double-press the answering button on the remote control to call back the last call record;
9. Long press the previous track button on the remote control to disconnect the Bluetooth;
10. Long press the next track button on the remote control to switch Bluetooth/AUX/USB mode;
11. When the remote control battery is dead, please replace the battery.

Descriptions



Device

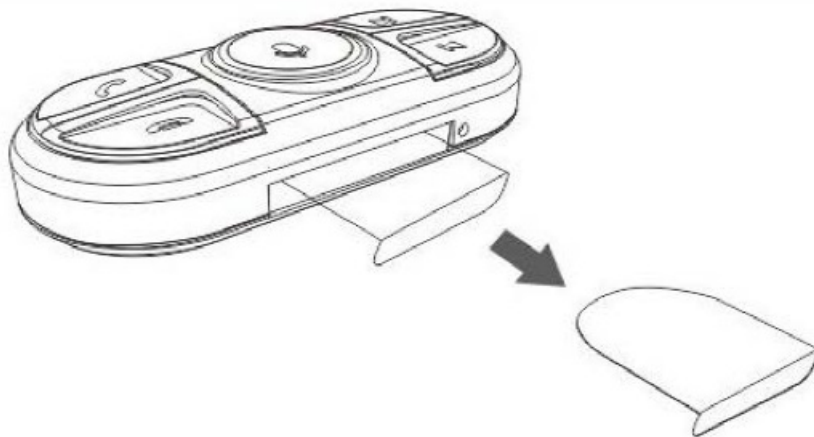
1. Microphon
2. U Disk Slot
3. 3.5mm AUX Port
4. Car Charging Adapter
5. LED Display
6. USB Charging Port Output 5V-2.4A



- 7. Remote Control
- 8. Answering Button
- 9. Hang Up Button
- 10. Voice Button
- 11. Next Track Button Previous Track Button
- 12. Battery Slot
- 13. Battery Removal Hole
- 14. O.S.M 3.5MM Aux In Cable

Instructions

1. Insert the product into the car cigarette lighter and start the car engine, it will be powered on automatically.
2. Take out the battery insulation sheet, tear off the 3M glue on the back of the remote control and paste it on the steering wheel where it is easy to operate;








3. Long press the voice button to enter the frequency setting interface, through the previous track button and next track button to adjust the transmit frequency;
4. Turn on your car's FM radio stations and adjust the frequency to match with the frequency on the transmitter which supports 199 frequencies between 88.1MHz-107.9MHz;
5. Enable Bluetooth on your smartphone and search for available Bluetooth devices, select "VM-216" and connect.







Music Play

When the VM-216 Bluetooth FM Transmitter is successfully connected to your smartphone, you can play music from your phone, the music will be transmitted to your car stereo via Bluetooth, you can also play the music from a U disk; And to further reduce the audio signal loss during the wireless transmission, you can even connect your phone or any MP3 audio device with our product by using a 3.5mm AUX cable.

Pause/Play	Press  to Pause/Play
Previous Track	Press  to switch to the previous Track
Next Track	Press  to switch to the previous Track
Clear Bluetooth Connection	Under Bluetooth mode, Long Press  to clear current Bluetooth connection.
AUX Mode	The mode will change automatically when AUX/U Disk is inserted under Bluetooth connection. Long press  on the remote control to switch modes between AUX/U Disk/ Bluetooth. When AUX/U disk is removed, the mode will resume to Bluetooth.

Hands-free Phone Calls

When the VM-216 Bluetooth FM Transmitter is successfully connected to your smartphone, you can enjoy convenient hands-free phone calls.

Answer/End	<p>Press</p> <p>to Answer/Press</p>  <p>to Hang Up</p>
Call Back the Last Call	<p>Press</p>  <p>Twice</p>
Voice Assistant	<p>Press</p>  <p>to wake the voice assistant. During a hands-free call, press</p>  <p>to</p> <p>switch to a private call, press again to</p> <p>resume to hands-free call.</p>

Charging

Contains two USBs, one is used for charging 5V-2.4A, and the other is used to play U disk music.

Replacement battery

The remote control is equipped with a battery slot. When the battery of the remote control is dead, insert the pin into battery removal hole, the battery slot will pop up and the battery can be replaced.

Note: You will need to purchase CR2032 button batteries for replacement.

Specifications

- DC Input: 12V-24V DC 2A
- Output: 5V-2.4A Max
- Bluetooth Version: vs.a
- Audio Frequency: 20H-20KHZ
- Working Current: B0mA Max
- Stand-by Current: 60mA Max
- Bluetooth Working Frequency: 2402-2.480ghz
- Bluetooth Effective Distance: 32ft
- FM Emission Effective Distance: 6ft
- Sensitivity: -89dBm

- RF Output: 4dBm
- FM Frequency: 88.1MHz-107.9MHz
- Transmitting Power: 87dBuV/107dBuv
- Please note product features will be upgraded without any notice.

FCC Compliance Statement

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.

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

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.

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<https://www.walmart.com>

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What's in the Package

1. VM-216 Bluetooth FM Transmitter
2. VM-ROI Remote Control
3. User's Manual
4. O.SM 3.SMM Aux In Cable
5. Pin

* Please note product features will be upgraded without any notice.

Specifications

Product Specifications	Details
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Brand	ARTSUN
Model	VM-216
Type	Bluetooth FM Transmitter with Remote Control
Version	V-01
Bluetooth Version	vs.a
Audio Frequency	20Hz-20kHz
DC Input	12V-24V DC 2A
Output	5V-2.4A Max
Working Current	BOmA Max
Stand-by Current	60mA Max
Bluetooth Working Frequency	2402-2.480ghz
Bluetooth Effective Distance	32ft
FM Emission Effective Distance	6ft
Sensitivity	-89dBm
RF Output	4dBm
FM Frequency	88.1MHz-107.9MHz
Transmitting Power	87dBuV/107dBuv

Features	<ul style="list-style-type: none"> • Bluetooth module and audio decoding chip • AUX input • Remote control • Supports U disk to play MP3/WMA/JWAV/FLAC/APE format music • Built-in hands-free phone call system • Can be used as a steering wheel function control system • Short press the voice button to wake up the voice assistant, voice navigation and voice dial • Comes with car charger, output 5V-2.4A • Car battery voltage display function • Double-press the answering button on the remote control to call back the last call record • Long press the previous track button on the remote control to disconnect the Bluetooth • Long press the next track button on the remote control to switch Bluetooth/AUX/USB mode • Contains two USBs, one is used for charging 5V-2.4A, and the other is used to play U disk music • Remote control can be glued to the steering wheel to answer the phone and switch songs while driving
Package Contents	<ul style="list-style-type: none"> • VM-216 Bluetooth FM Transmitter • VM-ROI Remote Control • User's Manual • O.S.M 3.5MM Aux In Cable • Pin

FAQ's

What is the ARTSUN VM-216 Bluetooth FM Transmitter with Remote Control?

The ARTSUN VM-216 Bluetooth FM Transmitter with Remote Control is a high-performance device designed specifically for use in cars. It features a Bluetooth module and audio decoding chip, AUX input, and a remote control that allows you to play music files from a U disk and transmit them to your car stereo via FM wirelessly.

How does the device work?

The device works by means of wireless transmissions, so you can keep the original classic setting of your car and still enjoy music on the road. The remote control can also be used as a steering wheel function control system, bringing you a brand new music listening experience during your driving.

What is included in the package?

The package includes the VM-216 Bluetooth FM Transmitter, VM-ROI Remote Control, User's Manual, O.S.M 3.5MM Aux In Cable, and Pin.

What are the safety guidelines for using this product?

Do not drop, puncture or disassemble this product; This product is not waterproof, please do not expose it to rain or water splashing; For safety, do not prolong exposure to direct sunlight; Do not place this product in an open flame that may cause an explosion; Clean with a clean soft cloth and do not use any corrosive cleaning agent; Drive safely. Do not operate this product while driving.

How do I connect my smartphone to the device?

Enable Bluetooth on your smartphone and search for available Bluetooth devices, select “VM-216” and connect.

Can I play music from my U disk?

Yes, you can play music from your U disk. The AUX supports U disk to play MP3/WMA/JWAV/FLAC/APE format music.

How do I pause/play music?

Press the play/pause button to pause/play music.

How do I switch tracks?

Press the previous track button to switch to the previous track and press the next track button to switch to the next track.

How do I make hands-free phone calls?

When the VM-216 Bluetooth FM Transmitter is successfully connected to your smartphone, you can enjoy convenient hands-free phone calls. Press the answering button to answer and the hang-up button to hang up. Press twice to call back the last call record.



How do I wake up the voice assistant?

Press the voice button to wake up the voice assistant.

What is the FCC Compliance Statement for this product?

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.

Documents / Resources

	ARTSUN VM-216 Bluetooth FM Transmitter With Remote Control [pdf] User Manual VRR010004, 2AY9HVRR010004, VM-216, Bluetooth FM Transmitter With Remote Control
	ARTSUN VM-216 Bluetooth FM Transmitter with Remote Control [pdf] User Manual VRR010001, 2AY9HVRR010001, VM-216 Bluetooth FM Transmitter with Remote Control, Bluetooth FM Transmitter with Remote Control