Five

TRUST THE SOUND

USER'S MANUAL

CAR AUX /USB/microSD RECEIVER WITH BT FUNCTION

ДОСТУПНО В **App Store**   ДОСТУПНО В **Google Play**

APP CONTROL

50 WxA
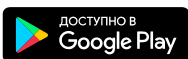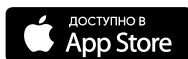
MAX POWER

AUX INPUT   BT MUSIC   MP3 PLAYER   USB INPUT   FM RADIO   SD SLOT

TRUST THE SOUND   TRUST THE SOUND   TRUST THE SOUND

C O N T E N T

P R E C A U T I O N S

If you encounter any difficulties in using the device, contact an authorized service center. The device has a built-in LCD monitor, so be careful when transporting and installing.

It is not recommended to wipe the surface of the device with abrasive detergents.

The operating voltage of the player is 12V (+/- 2V), direct current. At lower or higher voltage it is not recommended to use the device, since it can be easily damaged.

Before turning on the device, make sure that the temperature in the car is in the range from 0 to +45 degrees.

Use fuses rated for the current indicated on the fuse holder for replacement. If the fuse blows several times in a row, carefully check the electrical connections for a short circuit. Also check the voltage on the vehicle electrical system.

To prevent damage, do not expose the apparatus to direct sunlight, heat radiation or hot air. If the temperature in the passenger compartment is too high, do not turn on the unit until the temperature in the passenger compartment drops. Do not expose the device to sudden changes in temperature.

R E A D   B E F O R E   U S I N G

• Carefully read through this manual to familiarize yourself with this high-quality sound system.
• The moment of unit installation is considered the start of its operation. When using the device in winter it is recommended to heat the car interior for 15 minutes or up to operating temperatures.
• Use the unit with the temperature that goes beyond the operation temperature greatly decreases the operation resource of device.
• Disconnect the vehicle's negative battery terminal while mounting and connecting the unit.
• When replacing the fuse, be sure to use one with an identical amperage rating.
• Do not use the unit in places where it can be exposed to water, moisture and dust.
• Do not open covers and do not repair yourself. Consult the dealer or an experienced technician for help.
• Make sure you disconnect the power supply and aerial if you will not be using the system for a long period or during a thunderstorm.
• Make sure you disconnect the power supply if the system appears to be working incorrectly, is making an unusual sound, has a strange smell, has smoke emitting from it or liquids have got inside it. Have a qualified technician check the system.
• The unit is designed for negative terminal of the battery, which is connected to the vehicle metal. Please confirm it before installation.
• Do not allow the speaker wires to be shorted together when the unit is switched on. Otherwise it may overload or burn out the power amplifier.

PLAYER INSTALLATION AND REMOVAL

• Before final installation, connect the wiring according to the time diagram and make sure that it all works correctly.

• To ensure proper installation, use only the parts supplied with the device. Using foreign parts may cause malfunction.

• In order to maintain warranty, this product must be installed at an authorized dealer.

• Install the device in such a way that it does not interfere with the driver and does not injure the passenger in case of a sudden stop, for example, during emergency braking.

• Avoid installing the unit in places where it may be exposed to high temperatures, such as direct sunlight or hot air from the heater, and where it will be exposed to dust, dirt, or excessive vibration.

• Be sure to remove the front panel before installing the device.

For proper installation of the device, the compartment for installing radio equipment in the dashboard must correspond to the following dimensions

53мм

182мм
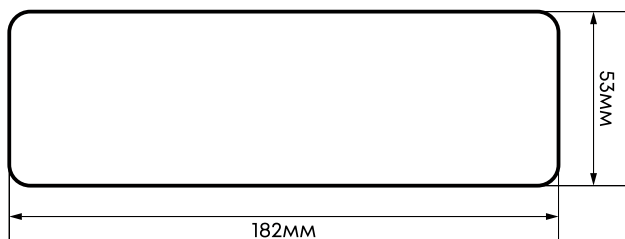
In addition, you should check if the depth of the compartment is sufficient to accommodate the receiver. Before starting work, make sure that the vehicle's ignition is off. It is recommended, if possible, to disconnect the wire from the "-" terminal of the car battery.

1) Insert the keys all the way into the grooves on the sides of the device. Remove the player from the mounting frame.

Metal mantle

Key

Frame

Key
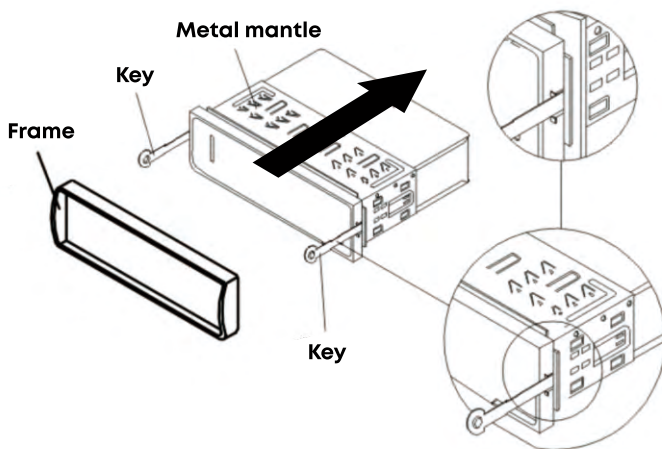
2) Insert the mounting frame (without the player case) into the dashboard compartment and bend the "tabs" with a screwdriver. Not all "tabs" fit the design of the dashboard of a particular car, select the most suitable.

3) Connect the power and speaker connectors, the antenna connector to the player. Make sure the wires are not pinched anywhere. Carefully insert the player into the mounting frame until the latches click, while observing the position of the connected wires so as not to accidentally damage them.

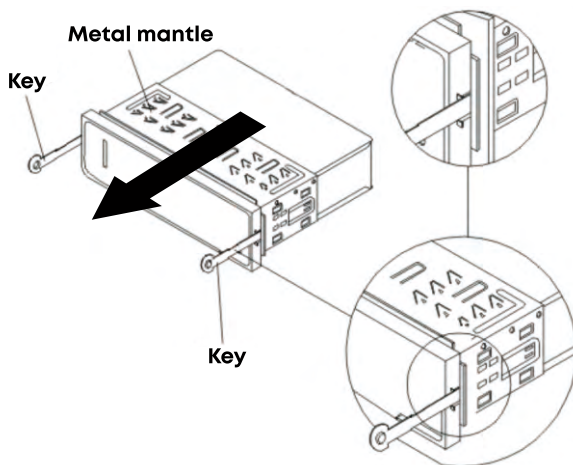**Instrument board**

Frame
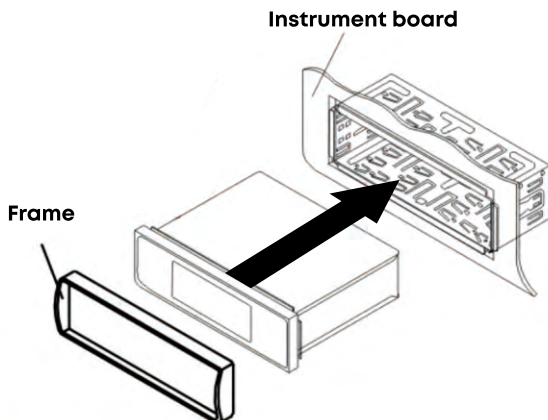
Removing the receiver

Make sure the ignition is off. Disconnect a wire from "-" plugs of the car battery.

Remove the metal bracket from the back of the device (if installed previously).

Insert the keys all the way into the slots on the sides of the front panel.

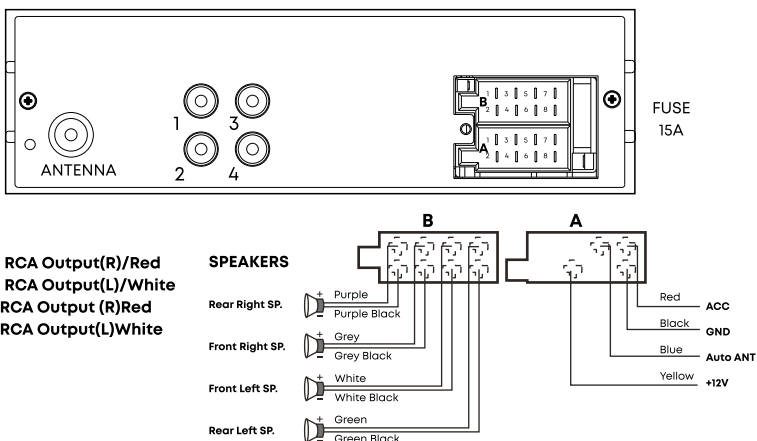Pull the receiver out of the frame by pulling it towards you.

Metal mantle

Key

Key

W I R E D   C O N N E C T I O N S

· Make sure your vehicle's on-board voltage is +12 volts with a negative value on the chassis.

· Before starting installation, turn off the on-board power by removing the fuse from the receiver. After connecting all the wires, install it in place.

· Connect the wires as shown.

· If your vehicle does not have an ISO connector, you can purchase it at an auto accessories store.

Notes: Improper connection may damage the receiver and void the warranty on this unit.

F U S E   R E P L A C E M E N T

To replace a fuse, remove the blown fuse from the socket and insert a new one of the same rating.

1. **Front RCA Output(R)/Red**
2. **Front RCA Output(L)/White**
3. **Rear RCA Output (R)Red**
4. **Rear RCA Output(L)White**

SPEAKERS

Rear Right SP.	+ Purple	
	− Purple Black	
Front Right SP.	+ Grey	
	− Grey Black	
Front Left SP.	+ White	
	− White Black	
Rear Left SP.	+ Green	
	− Green Black	

Red	**ACC**
Black	**GND**
Blue	**Auto ANT**
Yellow	**+12V**

FRONT PANEL DESCRIPTION
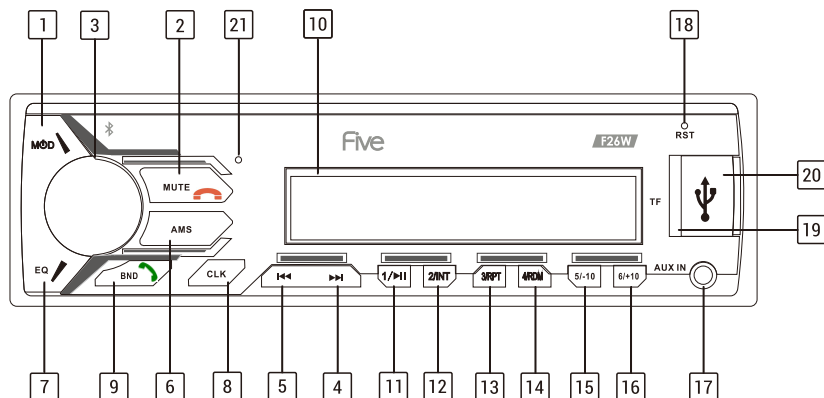
1. **MOD** button ON/OFF the device, select the receiver modes
2. **MUTE** mute ON/OFF button, in Bluetooth mode, interrupts the call
3. **VOL / SEL** volume control / multi-select button sound modes
4. Button: ▶▶ switching to the next track in media player mode, search next radio station in radio mode
5. Button: ◀◀ switching to the previous track in media player mode, search previous radio station in radio mode
6. **AMS** button for automatic tuning of the radio, scanning stored stations
7. **EQ** (equalizer) button for selecting sound settings
8. **CLK** button to display and set the current time
9. **BND** button to select the frequency range of the receiver, answering a mobile phone call in Bluetooth mode
10. **LCD** Display
11. **1 / ▶II** button to turn on the installed radio station in radio mode, in media player enable Play / Pause
12. **2 / INT** button to turn on the installed radio station in radio mode, in media player modeenabe demo mode
13. **3 / RPT** button to turn on the installed radio station in radio mode, in media player modeenable track repeat / repeat of all tracks
14. **4 / RDM** button to turn on the installed radio station in radio mode, in media player modeenable random playback.
15. **5 / -10** button to turn on the installed radio station in radio mode, in media player modeenable transition of playback 10 tracks back
16. **6 / + 10** power button of the installed radio station in radio mode, in media player modeenable playback transition 10 tracks forward
17. **AUX IN** - audio input for an additional device
18. **RST** device reboot button
19. **MicroSD** card reader
20. **USB** port for an additional device
21. **Microphone**

BASIC OPERATIONS AND RECEIVER OPERATION MODES

Turn on / off the player
Press the power button on the front panel to turn on the head unit. To turn off the receiver, in any mode, press and hold the button for 3 seconds. To select a mode, you can sequentially press the button **MOD** on the front panel. The modes are displayed in the following sequence: RADIO / USB / SD / AUX / BT. USB and SD memory card modes are available only if the appropriate drive is inserted in the slot of this unit

Volume control
The desired volume level is set by rotating the encoder on the front panel of the receiver.

Mute
To block the sound instantly, press the MUTE button on the front panel. To return to the previous sound level, press the MUTE button again.

Sound setting
Press on the encoder to select a custom parameter:
BAS / TRE / BAL / FAD / LOUD OFF / EQ OFF / STEREO / DX / VOL.
· **BASS *** Adjusts the bass tone.
· **TREBLE *** Adjusts the treble tone.
· **BALANCE** Adjusts the balance between the right and left speakers.
· **FADER** Adjusts the balance between the front and rear speakers.
· **LOUD Off/On** Turns the loudness mode on / off.
· **EQ Off/On** Turns the equalizer on / off.
Rotate the encoder to select one of the five settings:
POP / ROCK / JAZZ / CLASSIC / COUNT
equalizer settings.
· **STEREO / MONO**, switch between modes.
· **DX / LOC** switch between receive all radio stations / receive radio stations with the strongest signal.
 When setting, the selection of parameters is carried out by rotating the encoder. After this, do not take any action for 3 seconds to save your settings.
Note: * Bass and treble adjustments are available only when the equalizer is off (EQ OFF mode)

EQ settings
Press the volume control repeatedly to select the equalizer setting mode EQ. By turning the encoder, you can select one of four modes for adjusting the equalizer: POP / ROCK / JAZZ / CLASSIC / COUNT. Or you can just use button EQ.

DATE AND TIME SETTINGS

To display the clock on the screen press CLK button. To set the current time, press and hold CLK. The hour numbers will blink. The digital value is set by rotating the volume control. Press the parameter select button to go to the minute setting; numbers meaning minutes will blink. Rotate the VOLUME knob to adjust the minutes. Click on CLK button to confirm the clock setting.

RADIO MODE

FREQUENCY RANGE SELECTION

In radio mode, press the **BND** button repeatedly to select required range. Switching occurs in the following order: **FM1> FM2> FM3**

Auto Radio Tuning
Press and hold the AMS button for several seconds. The automatic scanning of the radio range and storing of the found stations in the device memory will begin. After scanning, listening to the first radio station found will begin.

Introductory listening
Briefly press the AMS button. Sequential playback starts for few seconds. each of the 18 preset radio stations.

Manual tuning of the radio
To search and tune in radio stations manually, press the ◄◄ ►►I button to scan the band backward or forward, respectively. The found radio station can be entered into the memory cell by pressing and holding one of the digital buttons 1 - 6. This default setting is made in AUTO mode. Press and hold the button ◄◄ ►►I until MANUAL appears. Manual tuning mode allows you to change the frequency in 0.1 MHz steps.

Switch to saved radio stations
Briefly press one of the number buttons 1 - 6 to switch to the radio station stored under this number in the current frequency range.

MEDIA PLAYER MODE

There is a USB interface on the front side of the device. To the USB connector a USB flash drive can be connected. When connecting a USB flash drive to the USB interface, the receiver switches to USB mode by default regardless of current mode and starts searching for supported audio files on the flash drive. When files are found, playback will start. When USB flash drive connected to activate the USB mode, press the button MOD repeatedly, until "USB" appears on the display of the unit.

Track selection

Briefly press the ⏮ or ⏭ button to switch to the previous file or the next. The display will show the file number. Press the ⏮ or ⏭ button while holding to scroll backward / forward. Playback starts when the button is released.

Pause playback

Press the **1/ ▶II** button to pause playback. Press the **1/ ▶II** button again to resume playback.

Preview all files

Press the **2 / INT** button on the front panel. The **INT ON** indicator will appear on the display, after which overview playback of each file will begin for 10 seconds. After the scan of the last file has finished, playback of the file from which the scan started will begin. To interrupt the scan operation, press the **2 / INT** button again.

Repeat file playback

To enable the file repeat mode, press the **3 / RPT** button. When the **3 / RPT** button is pressed again, all files will be played back.

Play all files in random order

Press the **4 / RDM** button to play all files in random order. Press the button again to cancel the function.
Note:
The INT, RPT, RDM modes are switched on the first time the corresponding buttons are pressed, and a brief indication appears on the screen to turn on the mode (INT ON, RPT ON, RDM ON). Pressing the corresponding buttons again disables the modes with a brief indication on the screen that the mode is turned off (INT OFF, RPT OFF, RDM OFF). At the same time, INT, RPT, RDM cannot work. Only the last selected mode remains active with the corresponding indication on the screen.

Skip 10 tracks back

To go back 10 tracks, press the **5 / -10** button with hold

Skip 10 tracks forward

To go forward 10 tracks, press the **6 / + 10** button with hold

SD card management

On the front panel of the receiver there is a slot for connecting **SD**-memory cards (card reader). When you connect an **SD** memory card to a compatible interface, the system will search for audio files on the memory card. When files are detected, playback will start. Management of the **SD** interface is similar to the management of the **USB** interface, which was described above. **SD** mode selection is initiated using the button **MOD**

Note:
1. The device only supports standard USB flash drives that are approved by Microsoft.
2. USB-MP3-players are not standardized, which means that different brands and different models may have their own standards. The system may not support all MP3 players.

AUX MODE

The **AUX** jack is for connecting an external audio device to enhance sound. To do this, connect an external source to the **AUX** line-in input on the front panel. After connecting the equipment by successive pressing the button on the front panel, select the **AUX** mode. If connected correctly, the audio signal from an external source will be transmitted through the acoustics of the head unit. This makes it possible to adjust the volume and sound quality. For example, you can connect an **MP3** player to listen to audio through the car speakers.

RESET FUNCTION

The **RESET** button can be activated using a ballpoint pen or a thin metal tool. This option may be required in the following cases:
First installation, after connecting all wires.
None of the control buttons work.
The message **ERROR** on the display.

BLUETOOTH MODE

Turn on the receiver and use your BT-enabled mobile device to search for CAR-BT. If necessary, enter "0000" after detection.
After pairing, the device will display   `BT ON`
The device supports A2DP exchange protocol.
To start playing / pausing music, press the button **1/▶II**
Press the button 📞 to answer the call. The display will show   `TALK`
To end the conversation, press the button 📞
To switch between BT and mobile device during a call, press the button **1/▶II**
To call the last person in the call list, press and hold the button 📞
After disconnecting, the device will display   `BT CONN`

You can control the receiver from your Android or IOS smartphone usingofficial application of the **FIVE** company.

ДОСТУПНО В
App Store

ДОСТУПНО В
Google Play
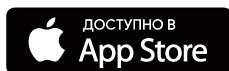
• Install the **FIVE sound** app from **Google Play** or **App Store** on your smartphone.
• Connect your smartphone to the receiver via Bluetooth.
• Run the application to gain access to the receiver controls.

T R O U B L E S H O O T I N G   G U I D E

Below is a table describing simple measures that can help you eliminate most problems likely to emerge when this unit is in use. If below measures do not help, turn to a service center or to the nearest dealer.

Symptom	Cause	Solution
No power	Wiring is connected incorrectly.	Make correct wiring connection.
	The car ignition is not on.	If the power supply is properly connected to the car accessory, switch the ignition on.
	The fuse is blown	Replace the fuse.
	Failure in the software.	Initialize the system by pressing the RESET button with a thin pointed object.
No sound or the sound is very quiet.	Volume is in minimum.	Adjust volume to the desired level.
	Wiring is not properly connected.	Check wiring connection.
	Unbalanced audio output.	Adjust the balance in the sound settings menu.
The radio does not work	The antenna cable is not connected	Insert the antenna cable properly.
The radio station automatic tuning does not work	The signals are too weak.	Try to select stations manually.

Cleaning the device case
Wipe the surface of the device with a soft cloth. Do not wet the case! If the case is very dirty use a cloth slightly moistened with soapy water and then wipe the case with a dry cloth.

ATTENTION:
If problems persist using the methods listed above, contact your nearest authorized service center.

S P E C I F I C A T I O N S

R A D I O

Operating frequency: FM 87.5 - 108 MHz
The number of memory cells for storing tuned radio stations 18
Intermediate frequency: 10.7 MHz
Sensitivity (30 dB): 15 dB
Reflection Ratio: 40 dB
Signal to Noise Ratio: 65dB
Frequency response: 30 Hz-15 kHz

M E D I A   P L A Y E R

File System: FAT16 / FAT32
Flash cards SD, USB: no more than 32 GB
Types of playable files: MP3/WMA/WAVE/FLAC
Support ID3 tags encoded in ISO-8859-1.
Signal to Noise Ratio: 85dB
Stereo Channel Separation: 80dB
Frequency response: 20Hz-20kHz

A U X

Maximum input voltage: 1.0 V
Input Impedance: 30 kOhm
Frequency response: 20 Hz-20 kHz
Connector: Mini Jack 3.5 mm

Bluetooth mode, support for profiles A2DP, HFP (ver. 4.0)
Maximum output power (10% distortion coefficient): 4 * 50 W
Tone Control: ± 8dB (low frequencies 100Hz, high frequencies 10kHz)
Speaker impedance: 4-8 ohm / channel
RCA stereo audio output
Supply voltage: direct current +10.8 - 14.7 V, on the case "-"
Maximum current consumption: 5 A
Overall dimensions: 178x90x50 mm
Weight: 0.44 kg

Dear customers!
Please note that the specifications, design and algorithms of the device are subject to change without notice! All illustrations in this manual are schematic images of objects and may differ from their actual appearance.

The manufacturer sets the product life to 3 years.

Safe disposal.
Your device is designed and made of high quality materials and components that can be recycled and reused. If the product has a crossed-out wheeled bin symbol, this means that the product complies with European Directive 2002/96 / EC. Check out the local separate collection system for electrical and electronic products. Observe local regulations. Dispose of old devices separately from household waste. Proper disposal of your product will help prevent potential negative consequences for the environment and human health.

WARNING!

USB device slot is designed to connect exclusively to storage devices (USB memory sticks) and is not intended to charge any external devices. In order to avoid damage to the receiver and the deprivation of warranty service, categorically it is NOT RECOMMENDED to use the car receiver as a charger.

TRUST THE SOUND TRUST THE SOUND TRUST THE SOUND

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.

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

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.