

SENCOR®

Let's live!



**CAR RADIO
WITH A MULTIMEDIA
PLAYER AND RDS
RADIO WITH
BLUETOOTH
SCT 8017BMR**

**USER'S MANUAL
EN**



IF YOU WANT TO USE THIS PRODUCT CORRECTLY, THEN CAREFULLY READ THIS USER'S MANUAL AND STORE IT FOR FUTURE REFERENCE. IF YOU GIVE (SELL) THE APPLIANCE TO SOMEBODY, PLEASE ALSO INCLUDE ALL THE DOCUMENTATION TOGETHER WITH THIS APPLIANCE, INCLUDING THIS USER'S MANUAL.

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1. Installation instructions

- The device is designed to be powered by 12 V direct current. Before installing the unit, check that your vehicle has a 12 V power supply with the negative pole going to ground.
- The negative pole of the battery must be disconnected before the device is connected. This reduces the probability of damaging the device by an accidental shorting of the circuit.
- Check that the unit is correctly connected according to the coloured leads based on the wiring diagram. An incorrect wiring connection could cause the malfunction of the unit or damage to the vehicle's electrical system.
- Do not forget to connect the loudspeaker lead marked (-) to the (-) terminal. Never connect the left and right loudspeaker leads together or to the car body.
- Do not cover the ventilation openings on the unit. Blocking them will increase the temperatures inside the unit, which may damage it or cause a fire.
- This device can playback MP3 and WMA digital sound file formats.
- Do not attempt to repair the unit, modifications to the unit may cause a malfunction or damage the device.
- Stop the vehicle before performing anything that could interfere with driving.
- Do not turn on the device in extremely high or low temperatures. The normal operating temperature is between -10 and +50 °C.

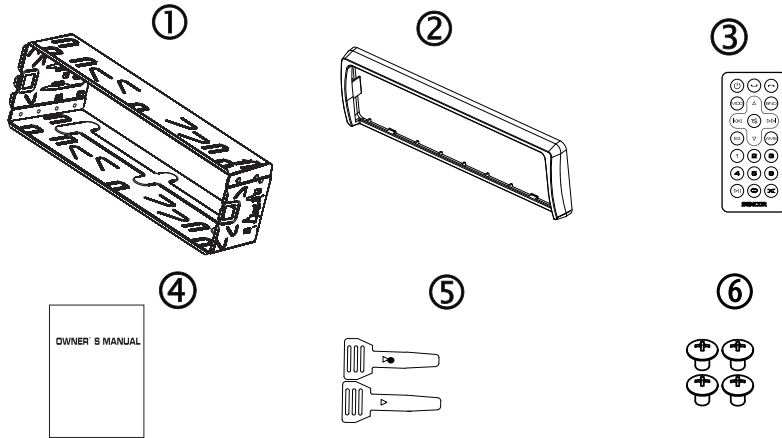


ATTENTION

Ensure correct connection, particularly the power supply (larger draw) and backup memory (smaller draw). This will keep the current draw in the turned off state to a minimum and maintain your set preferences in the car radio memory.

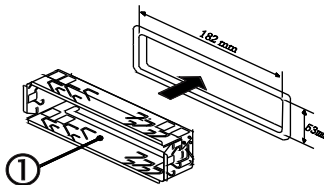
2. Installation

The following accessories are included with the device

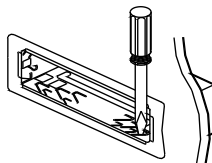


2.1. Assembly procedure

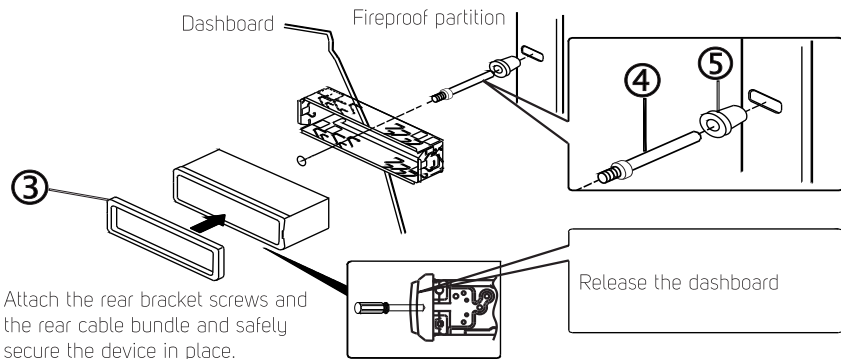
1. Insert the installation case into the dashboard.



2. For safe installation bend the flaps inside into the dashboard.



- If necessary, use a metal strip to secure the rear side of the unit. The strip can be bent to the necessary angle by hand.




- To release the unit insert the keys on both sides and pull out the unit from the dashboard.

Note:

- Store small items in a location that is not accessible to children.
- Use only the supplied bolts for the installation.
- The installation method is modified depending on the car model and the supplied parts. You should have the unit installed by a qualified technician.

Detaching the front panel

Press button  to release the control panel from the main unit. The panel will be disconnected and can be removed. Likewise, after disconnecting the panel, you may insert an SD card into the slot to playback multimedia files.

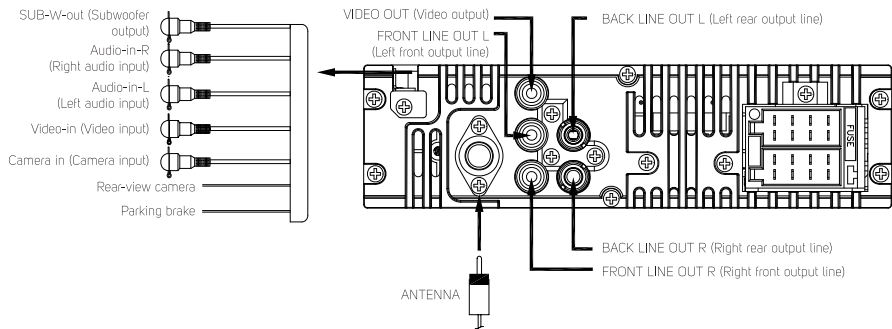
To remove the front panel, tilt it out, push to the right and pull out the left side.

To attach the front panel, first attach the right side in the tilted out position, lightly push to the right and attach the left side.

**ATTENTION:**

Do not touch the connector on the front panel of the main unit as this could result in a poor electrical contact. Only wipe the connectors using a clean and dry wiping cloth. After detaching the front panel from the main unit, store it in a protective case (if available).

2.2. Electronic connection



2.3. Connecting leads

INPUT / OUTPUT CONNECTOR

Audio Out (Audio output): White (L) Red (R)

Connect to the rear A/V system input

Line Out (Audio output) (Front): White (L) Red (R)

Line Out (Audio output) (Rear): White (L) Red (R)

Video Output (Video output): Yellow (Plug)

Connect to the external A/V system for display

Video In (Video input): Yellow (Plug)

Connect to an external video device

Rear camera In (Rear camera input): (Plug)

Connect to the rear-view camera output

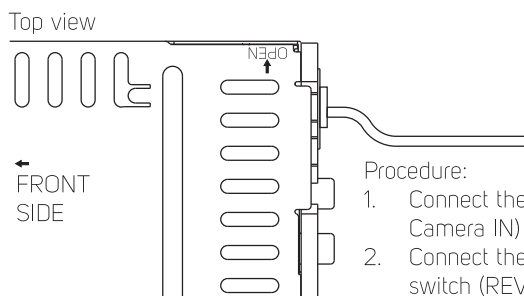
CONTROL LEAD

Parking brake: Connect this lead to the vehicle's hand brake system

Rear-view camera: Connect to the reverse indicator light. Voltage should be supplied to this lead when reverse is put into gear.

2.4. Installation of rear-view camera for reversing/parking

You may install a separate camera at the rear of the vehicle so that when parking or reversing the vehicle the display will automatically switch to this rear camera to assist the driver with manoeuvring.



Procedure:

1. Connect the rear camera input plug (Rear Camera IN) to the rear camera video output.
2. Connect the lead to the respective return switch (REVERSE).
3. Check the control switch on the reverse line and check that it is connected to +12 V voltage.

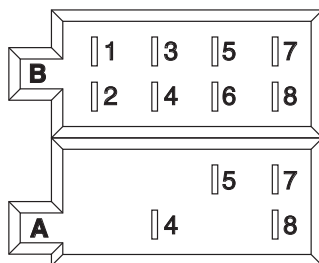
CONNECTOR A

4. MEMORY +12 V
5. VEHICLE ANTENNA OUTPUT
7. +12 V (TO IGNITION)
8. GROUNDING

Note: (connector A no.7) must be connected by means of a key to the vehicle's ignition so that the vehicle's battery is not discharged in the event that the vehicle is not used for an extended period of time.

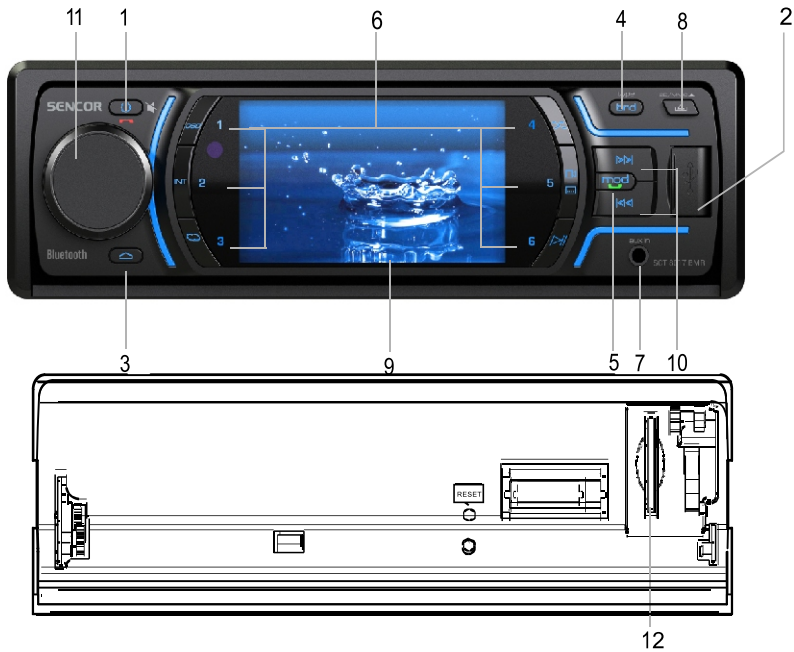
CONNECTOR B

1. RIGHT REAR SPEAKER (+)
2. RIGHT REAR SPEAKER (-)
3. RIGHT FRONT SPEAKER (+)
4. RIGHT FRONT SPEAKER (-)
5. LEFT FRONT SPEAKER (+)
6. LEFT FRONT SPEAKER (-)
7. LEFT REAR SPEAKER (+)
8. LEFT REAR SPEAKER (-)



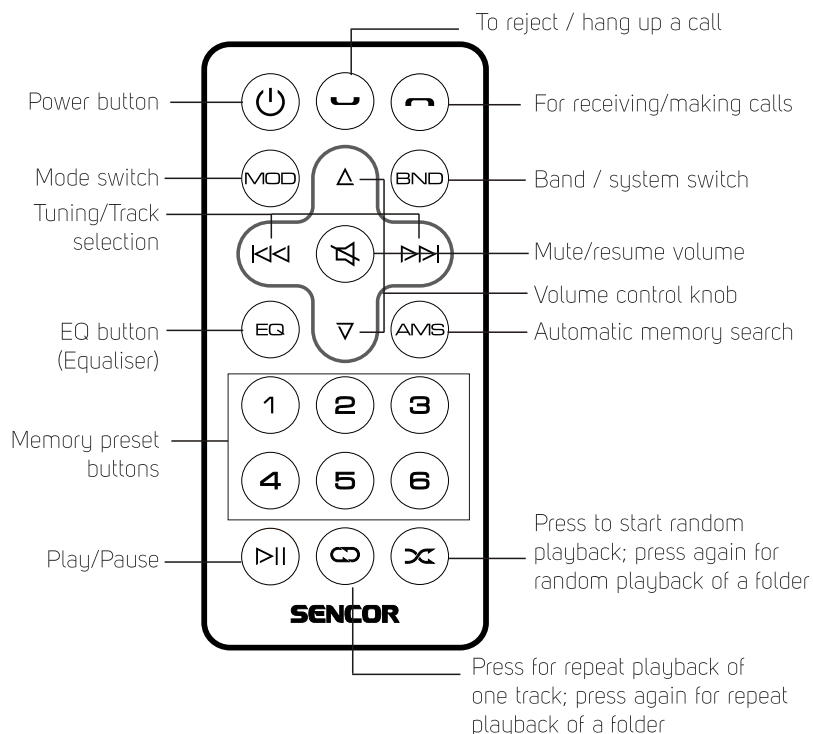
3. Control panel and the remote control

The following pictures show the control panel and the remote control. The display and symbols shown on the picture above may differ from the actual control panel and of the remote control. Follow the exact functions found on



- | | |
|-------------------------------|----------------------------|
| 1. Power button / Reject call | 10. Tuning/Track selection |
| 2. USB port | 11. Volume control knob |
| 3. Return to home screen | 12. SD card slot |
| 4. BND mode (Band) | |
| 5. MOD mode / Accept call | |
| 6. Numerical buttons | |
| 7. AUX IN (External input) | |
| 8. Release button | |
| 9. LCD Display | |

3.1. Description of the remote control



3.1.1. Changing the batteries

If the range of the remote control is reduced or the device does not respond to any functions during operation, replace the battery with a new one. Ensure that you maintain the correct polarity when inserting the battery into the remote control. Please see the provided procedure below for replacing the battery.



3.2. Remote control and batteries

- Do not expose the remote control or the batteries to direct sunlight or sources of heat, such as heaters, heat exchangers, stoves or other appliances (including amplifiers) that produce heat. Do not use or leave the device in the vicinity of an open fire.



- Neither the remote control nor the batteries may be exposed to dripping or running water and objects filled with water must not be placed on them, e.g. vases. Protect against exposure to rain, spraying or pouring of any kind of liquid. Do not use outdoors. Not following these instructions creates a danger of damage to the remote control or to the batteries.
- Do not use this device near water.
- It is necessary pay attention to the environmental impact aspects of battery disposal.
- The incorrect use of batteries may cause the leakage of the electrolyte and corrosion. To ensure that the remote control works correctly, proceed according to the instructions below:
 - Make sure when inserting batteries to correctly align the polarities.
 - Do not recharge, heat, open or short circuit the batteries.
 - Do not throw batteries into a fire.

3.3. General controls

Turn the device on / off, mute volume

Press button  to turn the power on. In any mode, hold it down to turn the power off. In any mode, press button  to activate or deactivate mute.

Selecting a source

Press button  to select the desired source or press  to switch to the home screen and then turn the volume knob to select the desired source and press the volume control knob to confirm.



Audio settings

In any mode, press the volume control knob to set the audio parameters (BAS/TRE/BAL/FAD/EQ/LOUD/BEEP), turn the volume control knob to change the value and then press the volume control knob to confirm and skip to the next option.

- Do not leave flat batteries in the remote control.
- Do not combine various types of batteries or new and old batteries.
- If you will not be using the remote control for a long period of time, remove the batteries to prevent potential damage caused by a subsequent battery leakage.
- If the remote control is not working correctly or its operational range is reduced, change all batteries for new ones.
- If electrolyte leaks out from the batteries, have the remote control cleaned at an authorised service centre.

3.4. Basic operation

Main unit = MU

Remote control = RC

3.5. Equaliser

MU: See previous part **Audio settings (Audio Control / Function Selector)**.

RC: Press the **EQ** button repeatedly to select the equaliser, Classic / Pop / Rock (OFF).

3.6. Radio

Selecting a mode

During operation, repeatedly press the **MOD** button and select the radio mode.

Selecting a broadcast band width

MU: Press the **BND** button repeatedly to select the desired band. RC: Press the **BND** button repeatedly to select the desired band.

Automatic scanning and saving of stations

In the radio mode, with functions TA, AF & PTY turned off, press and hold button **BND** to start scanning frequencies and check signal strength until tuning is complete (message "SEARCH"). Stations with strong signals are then stored under preset digits 1 -6. The device then goes through the stations stored in memory and plays them for a short period. During this process, press the **APS** button again to end this function.

Note: the automatic scan stores stations with an acceptable/quality reception.

In areas with poor reception (e.g. also caused by an insufficient antenna) it is possible that it will not store any stations. In such a case, improve reception using a better quality antenna.

Manual scanning and saving of stations

You may store the tuned station (found using buttons **▶▶|/|◀◀**) in memory under numbers 1-6 by pressing and holding down buttons 1 to 6. The number that you are selecting flashes when held down. When it is lit permanently, the station has been stored.

Manual scanning upwards / downwards

To activate the manual scan, press and hold the **▶▶|/|◀◀** button, and the words "MANUAL SCAN" will briefly appear on the LCD display. During the manual scanning process, repeatedly press the **▶▶|/|◀◀** buttons to tune a frequency upwards or downwards to the desired frequency. When the manual scan is not active for 5 seconds, the automatic scanning mode will again be set.

Memory presets

Each band (FM1-3, AM1-2), selected using the **BND** button has 6 preset positions. In the radio mode, press one of the numbers 1-6 to select a station that was stored in memory.

Automatic scanning up / down

In the radio mode and when the TA, AF & PTY functions are off, press the **▶▶|/|◀◀** buttons to scan frequencies up / down for the next strong signal.

3.7. Controlling the RDS

3.7.1. Overview of RDS functions

The Radio Data System (RDS) is a service, which makes it possible for FM stations to broadcast other digital information together with the standard program signal. Some of them are listed below. It depends on the specific station, which data is used for transmission and when. The device monitors the received data and reacts to it based on its settings.

Important note

The RDS function only works in countries or areas that have RDS broadcasting. Not all countries or areas have broadcasting with full RDS functionality. RDS may not work correctly if the signal is weak or in the event that the tuned station are not broadcasting RDS data. The reception of RDS will be significantly affected by geographical conditions.

AF (Alternative Frequencies)

A list of alternative frequencies providing information about various transmitters broadcasting the same program in the same or neighbouring area.

TA (Traffic Announcement)

Information about whether traffic information is being broadcast.

PI (Program Identification)

This is a code that identifies the RDS station.

PS (Program Service Name)

The name of the current broadcasting station is shown on the display. Sometimes it is used for other messages of the broadcaster.

TP (Traffic Program)

Information that a given station is using a traffic announcement / news system.

PTY (Program Type Codes)

This code is used to designate the current program material. This function is used to search for stations corresponding to your selected program category, such as news, easy music, sport, etc. There is a relatively large number of program types and the inclusion of a broadcast program in a certain category also depends on the focus of the given station.

3.7.2. Setting up the RDS mode

In Radio mode, hold down the volume control knob to open the RDS settings menu and set the AF function (alternative frequency) and the TA function (Traffic announcements) to on/off, and select PTY (Program type) by turning the volume control knob to select various items and press the volume control knob to make settings.

3.7.3. Setting up the RDS mode

Set the device as required so that when receiving the given specific RDS information (described above) it reacts appropriately.

Alternative frequencies AF

When AF is turned on (AF ON), the device will monitor reception quality. If it declines, it will search for a better quality reception of the same station based on the broadcast data, and when it finds it, it will automatically switch to the strongest signal of the given station.

Traffic announcements

When the TA function is activated, the device scans for a station broadcasting traffic announcements ("TA SEEK"). When it finds such a station, it stays tuned to it and the TP indicator is lit. If reception quality declines, again start a scan for the reception of other stations with sufficient quality.

If the TA mode is activated and a traffic announcement is being broadcast:

- "TRAFFIC" will appear on the display.
- when the device is in a different operating mode than FM radio, it will temporarily switch to radio

When the TA function is activated:

- And you use the **▶▶/◀◀** buttons to scan for stations, it will always find stations that provide TA broadcasts.
- And a station with TP information is tuned, TP is shown on the display.

PTY program – selection

After selecting the PTY mode, the radio will start to scan for corresponding PTY information and will stop if it detects corresponding PTY information. If the corresponding PTY information does not exist, the PTY mode will switch back to normal mode.

3.8. USB / SD


USB / SD mode selection

During operation, repeatedly press the **MOD** button and select either a USB or SD input.

USB port

MU: Insert a USB device into the USB port to playback MP3/WMA audio files. After inserting a device into the USB slot playback will commence automatically.

SD slot



MU: Press the  button for releasing the front panel. Insert an SD card into the SD slot to playback MP3/WMA audio files.

Note:



Ensure that you insert the USB device / SD card in the correct direction. Do not use force to insert the USB device / SD card into the device. Otherwise you could damage the USB device / SD card and the device.

Play/pause (PLAY / PAUSE)

MU: Press the **PLAY/PAUSE (6)** button to pause playback and to resume normal playback. "PAUSE" will appear on the LCD display.

RC: Press the  button to pause playback and to resume normal playback. "PAUSE" will appear on the LCD display. In the stop mode, press the  button to start playback from the beginning.

Fast forward / fast rewind (FAST FORWARD/FAST REWIND)

MU: Press and hold the /  buttons to forward / fast rewind. When the button is released the device will resume normal playback.

Play the beginnings of tracks

MU: Press the **INT (2)** button to start or cancel playback of the beginnings of tracks.

Repeat playback

MU: Press the **RPT (3)** button to select the repeat playback mode.

RC: Press the **RPT (3)** button to select the repeat playback mode.


Playback in random order


MU: Press the **RDM (4)** button to start or cancel playback in random order.

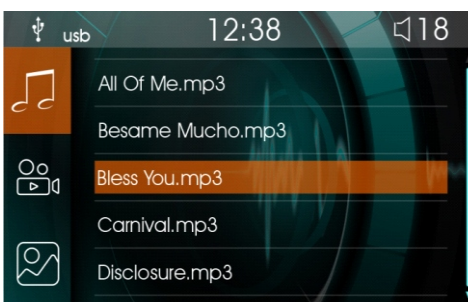
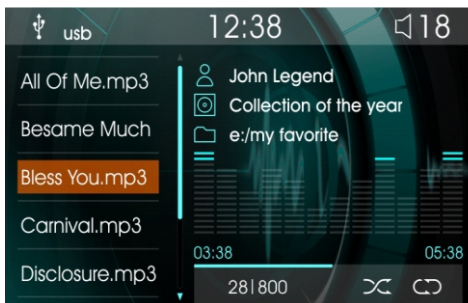
RC: Press the **RDM** button to start or cancel playback in random order.

When playing a film, press the Preset 1 button to change the multi-language audio track, press the Preset 5 button to enable / disable CVBS input.

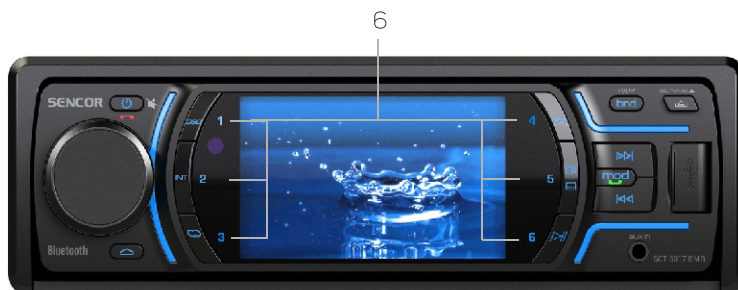
Note: WHEN CVBS INPUT IS ENABLED, THE DEVICE'S TFT DISPLAY WILL BE DARK.

During playback, press the  button to open the file list mode, turn the volume control knob to make a selection and then press the volume control knob to confirm.

Press the   buttons to switch between the media selection and list of Song/Movie/Photo.



3.9. Description of the control panel



Numerical buttons

1. OSD BUTTON (OSD menu).

- Press the OSD button to display the elapsed playback time and the remaining playback time of the disc.
- Press the OSD button once for additional information such as disc type, current chapter or track, and the total number of chapters or tracks. Likewise, the current title and the total number of titles will be displayed.

Press the OSD button for a second time for additional information such as disk type, language/type/number of audio channels, subtitle language and angle selection.

- c. Press the OSD button for a third time to hide the OSD menu.

2. INT BUTTON (Track intros)

Press this button to select the Intro Scan function (Playback of beginnings), which gradually plays the first 10 seconds of every track until the button is pressed again - then it resumes normal playback of the current track.



3. REPEAT BUTTON

Press this button to activate the Repeat function in the following order: RPT ONE (Repeat one)→RPT ALL (Repeat all)

4. RANDOM PLAY BUTTON (Random playback)

When the random playback mode is selected, tracks are played in random order; to cancel the random playback mode, press this button again.

5. M5 BUTTON

- a. Press and hold the  button or the M5 button to change the subtitle language during MP5 playback.
- b. Press the  button for less than 1 second to switch the video output.

6. PLAY/PAUSE BUTTON AND FIRST TRACK

Press this button briefly to pause MP3 playback, press it again to cancel the pause.

Note:

It depends on the selected music files, displayed ID3 tags will vary or will not be available.

3.10. Bluetooth controls

Bluetooth controls are used for connecting to a mobile phone and making calls and for reception of played back music. It is limited only to receiving incoming calls, ending incoming calls, rejecting incoming calls, dialling and playback of audio. First connect the telephone via Bluetooth and pair if necessary. When a mobile phone is connected, a call interrupts playback from other sources and when the call is finished it automatically resumes playback.



Selecting a mode

Press the **MOD** button repeatedly to select BLUETOOTH mode.

Note:

In the BLUETOOTH mode the microphone on the main unit is active.

Pairing

When the mobile phone is connected for the first time, it is necessary to pair the devices. Proceed as follows:

1. Activate the Bluetooth feature in your mobile telephone.
2. On your telephone, start a scan for new devices for pairing.
3. After the scan is complete select "SCT 8017BMR" from the list and confirm the pairing.
4. The entry code, which you may be asked for is "0000" and confirm.
5. The display will show "CONNECTED" for a moment when the pairing is successfully completed.

Note:

The steps described are only a reference. The specific pairing procedure may differ depending on the type of mobile telephone. For this reason, follow the instructions in the user's manual for your telephone.

Connecting / disconnecting the telephone

All the radio functions are limited in the BLUETOOTH mode if you are receiving a call or dialling a number. As soon as the dialling stops or the call is ended, all the functions of the car radio will automatically be renewed.

Receiving a call

The phone number of the caller will appear on the display when a call is being received (depending on the type of mobile telephone). Press the **MOD** button on the main unit or the "ANSWER" button on the remote control.

Dialling in Bluetooth mode

Enter the number on the mobile phone as usual, once the number starts being dialled, "CALLING" will appear on the display.

Redialling

To redial the last called number, press and hold down the **MOD** button ("ANSWER").

Hang up / rejecting an incoming call

Press the  button (HANG UP) on the main unit or on the remote control to hang up or reject an incoming call. The unit will switch to the initial mode.


Playing music

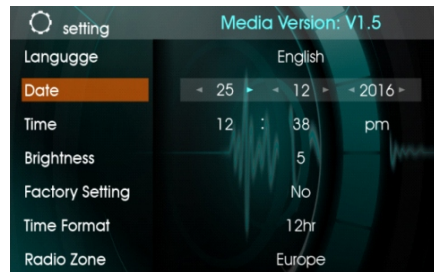
The Bluetooth mode also makes it possible to playback music files stored on your mobile telephone. According to your mobile phone's manual, use the appropriate software for this purpose. If your mobile phone and applications support it, the main functions can be controlled from the main unit – PAUSE/PLAYBACK, NEXT, PREVIOUS. The way that your application in your phone performs the commands depends on your telephone and the application.

4. External input mode (AUX-IN)/AV input (AV-IN)



4.1. Settings mode

Press the  button to go to the home page, turn the volume control knob to select Setting and then press the volume control knob to open the Setting menu. Turn the volume control knob to select a setting, press the volume control knob to confirm and then turn the volume control knob to change the value and again press the volume control knob to return to the settings selection mode.



5. Troubleshooting

The device is not working:

- Check that all connections are connected correctly.
- Check for a burned fuse.

No audio

- Check that the loudspeakers are connected correctly.

The device has "frozen"

- Turn off the device and restart it or disconnect it from the power supply and reconnect it.

The device does not respond when buttons are pressed

- Turn off the device and restart it or disconnect it from the power supply and reconnect it.

Weak reception or unavailable radio signal

- Check whether the antenna is connected and the quality connection cable is not interrupted.
- The antenna is not long enough. Extend the length of the antenna.
- The antenna is not thoroughly grounded. Thoroughly ground the antenna.

No stereo signal reception

- Tune exactly to the required frequency.
- The signal is too weak, set to the MONO mode.

Remote control is not working

- Replace the battery in the remote control.
- Point the remote control at the remote control sensor on the main unit.
- Clean the surface of the sensor.

Note:

If you have performed all the above mentioned steps and the device still does not work, please contact your vendor. Never attempt to disassemble or repair the device yourself.

6. Technical specifications

General

Power supply requirements	DC 12 V, negative grounded
Impedance of speakers	4 Ohm
Maximum power output	40 W × 4 channels
Chassis dimensions (built-in)	178 (w) × 121 (d) × 50 (h) mm
Approximate weight	0.7 kg

Audio

Maximum output level	2 Vrms
Frequency range	20 Hz to 20 kHz
Noise to signal ratio	65 dB
Channel separation	60 dB

FM radio

Frequency range	87.5 -108 MHz
MF	10.7 MHz

AM radio

Frequency range	522 -1620 kHz
MF	450 kHz

The technical specifications provided above may change without prior notice. Address of the manufacturer: FAST ČR, a.s., Černokostecká 1621, 251 01 Říčany The original version is in the Czech language.

The CE symbol displayed on the unit, the user's manual and on the packaging shows that the unit meets the basic requirements of the R&TTE directive, 1995/5/EC, and the Low voltage directive 73/23/EEC. The declaration of conformity can be found at www.sencor.cz.

INSTRUCTIONS AND INFORMATION REGARDING THE DISPOSAL OF USED PACKAGING MATERIALS

Dispose of used packaging material at a site designated for waste in your municipality.

DISPOSAL OF USED ELECTRICAL AND ELECTRONIC EQUIPMENT



This symbol on products or original documents means that used electric or electronic products must not be added to ordinary municipal waste. For proper disposal, renewal and recycling hand over these products to determined collection points. Or as an alternative in some European Union states or other European countries you may return your products to the local retailer when buying an equivalent new product. Correct disposal of this product helps save valuable natural resources and prevents damage to the environment caused by improper waste disposal. Ask your local authorities or collection facility for more details. In accordance with national regulations penalties may be imposed for the incorrect disposal of this type of waste.

For business entities in European Union states

If you want to dispose of electric or electronic appliances, ask your retailer or supplier for the necessary information.

Disposal in other countries outside the European Union

This symbol is valid in the European Union. If you wish to dispose of this product, request the necessary information about the correct disposal method from the local council or from your retailer.



This product meets all the basic requirements of EU directives related to it.

Changes in the text, design and technical specifications may be made without prior notice and we reserve the right to make such changes.

The CE symbol displayed on the unit, the user's manual and on the packaging shows that the unit meets the basic requirements of the R&TTE directive, 1995/5/EC, and the Low voltage directive 73/23/EEC. The declaration of conformity can be found at www.sencor.cz.

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EN Warranty conditions

Warranty card is not a part of the device packaging.

This product is warranted for the period of 24 months from the date of purchase to the end-user. Warranty is limited to the following conditions. Warranty is referred only to the customer goods using for common domestic use. The claim for service can be applied either at dealer's shop where the product was bought, or at below mentioned authorized service shops. The end-user is obligated to set up a claim immediately when the defects appeared but only till the end of warranty period. The end user is obligated to cooperate to certify the claiming defects. Only completed and clean (according to hygienic standards) product will be accepted. In case of eligible warranty claim the warranty period will be prolonged by the period from the date of claim application till the date of taking over the product by end-user, or the date the end-user is obligated to take it over. To obtain the service under this warranty, end-user is obligated to certify his claim with duly completed following documents: receipt, certificate of warranty, certificate of installation.

This warranty is void especially if apply as follows:

- Defects which were put on sale.
- Wear-out or damage caused by common use.
- The product was damaged by unprofessional or wrong installation, used in contrary to the applicable instruction manual, used in contrary to legal enactment and common process of use or used for another purpose which has been designed for.
- The product was damaged by uncared-for or insufficient maintenance.
- The product was damaged by dirt, accident of force majeure (natural disaster, fire, and flood).
- Defects on functionality caused by low duality of signal, electromagnetic field interference etc.
- The product was mechanically damaged (e.g. broken button, fall).
- Damage caused by use of unsuitable media, fillings, expendable supplies (batteries) or by unsuitable working conditions (e.g. high temperatures, high humidity, quakes).
- Repair, modification or other failure action to the product by unauthorized person.
- End-user did not prove enough his right to claim (time and place of purchase).
- Data on presented documents differs from data on products.
- Cases when the claiming product cannot be indentified according to the presented documents (e.g. the serial number or the warranty seal has been damaged).

Authorized service centers

Visit www.sencor.eu for detailed information about authorized service centers.

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