



RM 250 BT
WIRELESS BLUETOOTH™ SPEAKER
BT / USB / SD / AUX / FM

USER MANUAL



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Thank you for choosing the RM 250 BT NEW AUDIO portable audio device™.

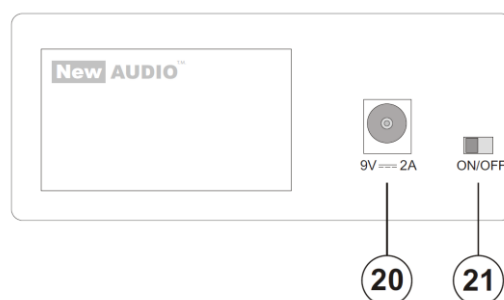
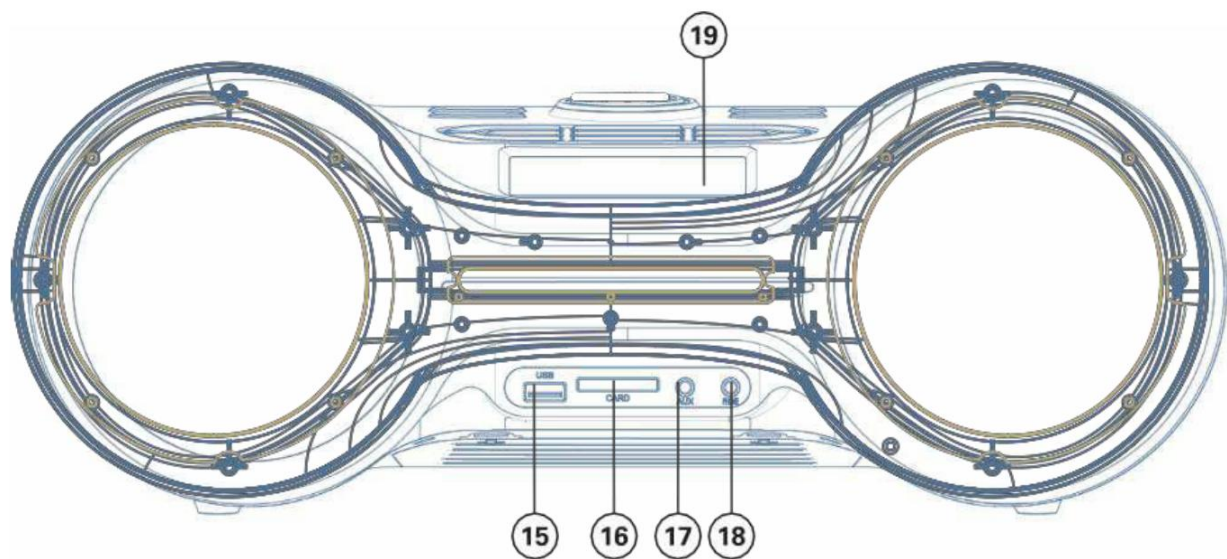
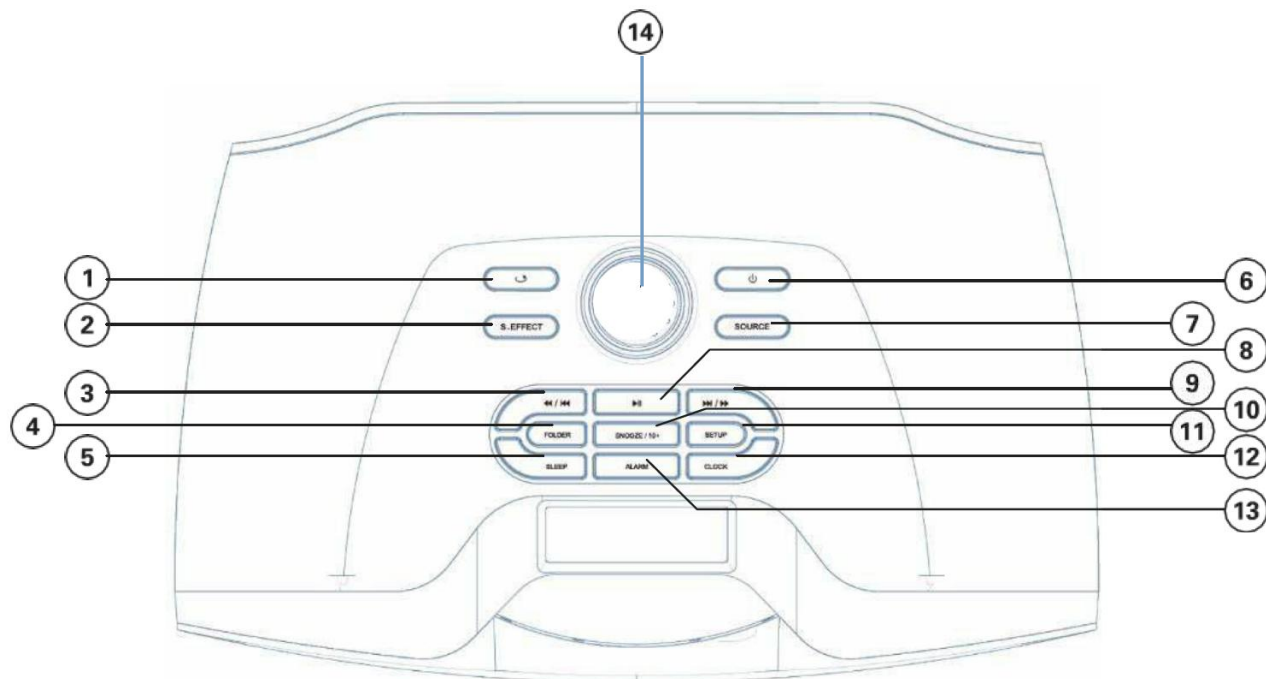
RM 250 BT is distinguished by very high sound quality, excellent build quality, the ability to play audio files from multiple sources such as SD memory cards, USB stick, mobile devices with Bluetooth™, and other any audio devices with small jack audio output.

Before using, please read the user manual carefully.

ACCESSORIES INCLUDED:

- AC/DC ac adapter - 240V AC/ 9VDC, 2A - battery power supply and charging
- Manual

CONTROLS:



TOP SIDE OF THE CASE:

1. REPEAT
2. S.EFFECT - Sound Effect - digital equalizer
3. PREVIOUS - previous track
4. FOLDER - folder selection
5. SLEEP - function 'SLEEP' - sleeping - off after the set time has elapsed
6. STANDBY - on/off in standby
7. SOURCE - selection of sound source (FM / AUX / Bluetooth radio™ / SD / USB)
8. PLAY / PAUSE - play / pause
9. NEXT - next track
10. SNOOZE / 10+ - snooz / jump +10 tracks forward
11. SETUP - time setting: hours/minutes
12. CLOCK - clock and alarm time settings
13. ALARM - turn on 1 alarm clock / 2 alarm clock / both alarm clocks / turn off the alarm clock
14. VOLUME - vOLUME adjustment

FRONT SIDE OF THE CASE:

15. USB - USB memory port
16. SD CARD - SD card reader
17. AUX - Small Jack external audio input
18. PHONE - Little Jack Headphone Jack
19. LED DISPLAY

BACK SIDE OF THE CASE:

20. DC IN - AC/DC 9V power supply socket
21. ON /OFF - power on/off switch



REPEAT - by pressing one by one, you can select the mode of repeating the playback of songs



S.EFFECT - by pressing the button to select the equalizer mode



BACK / REWIND - press once to go back to the previous song, press longer to rewind



PLAY/PAUSE - press to stop playback (pause), press again to start playback again



FAST FORWARD - press to move to the next song, press longer to fast-forward



FOLDER - press once to play from folder 1, press again to go to folder 2, etc.



SNOOZE / 10+ press once to move forward by 10 tracks, press again to move forward by another 10 tracks, etc.

POWER ON.

1. Connect the AC/DC ac adapter to the 240VAC 50Hz ac power outlet. Connect the power supply plug to the power supply socket (20) on the back of the.
2. Power on /off - switch (21) on the back of the case.
Power on: on switch, off: OFF.
3. Switching the device / switching to standby (STANDBY) - using the Standby button (6):
on - one press of the button, switching on the standby state - pressing the Standby button again (6).
4. When the power supply is connected, the battery starts charging. The battery is charged at all times when an AC adapter is connected. Charging the battery is signaling a flashing green LED on the display. When fully charged, the LED will stop flashing.
5. When the AC adapter is disconnected, the device is powered by a battery. Battery life depends on battery charge status and usage conditions.

Completely turn off the power of the device - using the button (21) when you move it to OFF.

Complete disconnection of the device from power supply - by disconnecting the AC/DC ac adapter from the 240VAC 50Hz mains power socket.

CHOOSING A SOUND SOURCE

When the device is switched on, select the audio source by pressing the SOURCE button (7):

- FM RADIO - the frequency and message "FM FM" will appear on the display "
- AUX - audio from an external audio device connected via a Small Jack cable (not included) to the AUX jack (17) on the front side of the case.
- Bluetooth™ - message "BLUE" - play audio from a mobile device with Bluetooth™ after pairing the device.

- USB: playback mode from usb external memory - when you push the USB stick into the USB port (15) the screen will display the message "USB" and playback will start automatically.
- SD: Playback mode from SD memory card - when you push the SD memory card into the SD CARD (16) the screen will display the message "sd" and playback will start automatically.

With the USB memory stick and SD memory card re-inserted, you can select the audio source freely by pressing the SOURCE button (7): FM radio - SD - USB - AUX - Bluetooth™.

FM RADIO - SEARCHING AND MEMORIZING RADIO STATIONS.

1. Use the SOURCE (7) button to select fm radio mode. The "FM" message and the current frequency of the tuner will appear on the screen.
2. Press the PLAY button briefly (8), the device will automatically search for and store all available FM radio stations in memory. When the search is complete, the tuner switches to receiving the first stored station.
3. Briefly press the right (9) or left scroll buttons (3): Select more saved radio programs.
4. Long press the scroll buttons right (9) or left (3) - manual radio station signal search - search the band and search for more radio stations.

Note: The FM antenna is built into the device. By changing the device setting, you can get better fm radio reception.

The presence of sources of strong FM signal interference and other obstacles to fm reception may interfere with or prevent the reception of.

In FM radio mode, the Sound Equalizer (S.EFFECT) function is not available

PAIRING WITH A BLUETOOTH™ DEVICE.

Before using Bluetooth™ (BLUE), the device must be paired with a Bluetooth-enabled mobile device™ (smartphone, tablet, computer, other devices).

1. Turn on the power and select the "blue" mode with the SOURCE button (7) - Bluetooth.
2. On your mobile device, turn on Bluetooth™, then select the NewAUDIO RM250BT from the list of bluetooth devices you have searched for and connect to that device.

After pairing, the device can play songs from a Bluetooth™. Play control - using PLAY / PAUSE buttons, fast forward, rewind.

NOTE - For some Bluetooth devices™ playback control functions may not work, depending on the Bluetooth standard™.

If pairing fails, repeat the procedure. When pairing a Bluetooth mobile device™ device should be within 1m of the bluetooth.

SETTING THE CLOCK TIME AND WAKE-UP TIME (ALARM).

1. When the device is put into standby (STANDBY) (6), press the CLOCK button (12). On the screen, the clock time will flash.
2. Press setup button - the clock hours will start flashing on the screen. Use the scroll buttons to set the time. Then press setup again. Minutes start flashing on the screen. Use the scroll buttons to set the minutes.
3. Then press the CLOCK button again, the clock will switch to alarm time setting mode 1 (alarm 1): a flashing alarm symbol 1 will be displayed on the left side of the screen, the alarm time will flash. Use the SETUP and scroll buttons to set the alarm time to 1.
4. Press the CLOCK button again. The clock switches to alarm 2 time setting mode (alarm 2). As above, set the alarm 2 time.
5. Once set, press the CLOCK button again. The clock enters the display state of the current time.

In standby mode, the device screen will display the current time and symbols of the alarm clocks currently on (alarms).

TURN THE ALARM ON AND OFF (alarm 1 and alarm 2).

The device has 2 independent alarm clocks (alarms). You can turn on one alarm clock or two alarm clocks at the same time, set to different waking hours.

In standby mode, by pressing the ALARM button in turn, you can turn on: alarm clock 1 - alarm clock 2 - both alarm clocks simultaneously - turn off the alarm.

The symbols of the currently enabled alarm clock will be displayed on the screen on the left: alarm clock 1 / alarm clock 2 / two alarm clocks simultaneously / alarm clock off: alarm symbols go out.

FUNCTION 'SLEEP' - SLEEPING - off after the set time has elapsed

When playing a sound, you can use the SLEEP button to select the time after which the device will turn off automatically.

By pressing the SLEEP button one by one, you can select the switch-off time in minutes: 120 - 90 - 60 - 45 - 30 - 15 - SLEEP function off.

When SLEEP is activated, a function symbol appears on the screen: "Zzz ".

MUSIC BACKLIGHT 'PARTY LIGHT'

The device has a music backlight flashing in the clock of the music track. The backlight turns on at a higher level of sound strength.

LISTEN THROUGH HEADPHONES.

1. Connect stereo headphones equipped with a Small Jack plug to the PHONE headphone jack (18) on the front of the device.
2. When the headphones are connected, the sound in the speakers of the device will turn off automatically.
3. When the headphones are disconnected, the sound in the speakers of the device will turn on again.

S.EFFECT - EQUALIZER.

By pressing the S.EFFECT (2) button in turn, you can select one of the electronic equalizer settings, adapted to the music track, so as to get the best sound possible (NOR - POP - ROCK - JAZZ - CLASSIC).

For subsequent equalizer settings, the sound level is raised or lowered for the appropriate frequencies to best match the sound to the music track and individual user preferences.

Sound equalizer is not available for FM radio mode.

CHARGING THE BATTERY.

The device has a built-in rechargeable battery. After purchasing the device, fully charge the battery.

The charged battery starts when the AC adapter is connected. When charging, a green LED flashes on the screen to indicate charging. When the battery is fully charged, the LED will stop flashing.

The operating time on a fully charged battery depends on usage and voice strength. Increasing the power of the voice means increasing the power consumption and reducing the operating time of the device on a fully charged battery.

Sound disturbances, interruptions and decreases in dynamics and sound power usually mean that the battery is discharged. In this case, fully charge the battery immediately.

Storing and using equipment at low temperatures results in reduced performance and accelerated discharge and battery consumption.

The battery should be charged fully regularly depending on the intensity of use, recharge regularly even when the equipment is not in use for a long time, and do not allow the battery to be completely discharged.

☐ Use the battery at temperatures up to 5°C to 35°C. ☐ Never expose the battery to high temperatures above: 40°C - there is a risk of explosion. ☐ Battery life depends on how you use the device. ☐ The battery wears out and may be shorter over time. ☐ If the battery is not used, it will automatically discharge after some time.

Pay attention to the environmentally compliant disposal of used batteries and/or accumulators. Used batteries and/or accumulators must not be disposed of together with other waste; must be forwarded to the appropriate return points for used batteries and accumulators.

INSTRUCTIONS FOR SAFE USE OF THE BATTERY.

Do not heat the battery device, expose it to very low temperatures, or expose it to any liquid.

☐ Dispose of the used appliance at a specialist disposal point. ☐ The battery is subject to normal wear during use. Battery life when fully charged is reduced over time. This is normal for all these types of devices.

☐ Battery life depends on how the device is used; primarily from factors such as voice power, operating modes and functions used, ambient temperature, continuity of use or intermittent use. ☐ The battery also discharges when the device is not in use.

☐ If you do not use the device for an extended period of time, charge the battery regularly. Completely discharging the battery and leaving it in a discharged state for an extended period of time shortens the battery life and may damage the battery.

☐ Always charge the battery up to full charge. Incomplete charging shortens battery life.

☐ Do not overload the battery. The charging must be completed immediately after the charging time specified in the device manual has elapsed. Some devices have the function of automatically turning off charging when fully charged.

☐ Neither the seller nor the manufacturer shall be liable for any damages resulting from improper handling of the battery.

☐ Due to its natural wear, the battery is covered by a shortened 6-month warranty of the manufacturer. In case of premature battery wear due to improper or very heavy use, the battery must be replaced by a specialist service.

RECOMMENDATIONS FOR THE USE OF HIGH-POWER AUDIO DEVICES:

- always turn the voice force regulator to the extreme left position - the minimum level of voice force before turning on the power supply. Too much power at the time of switching on can cause damage to the speaker, hearing damage and other unwanted effects of very loud sound.

- in the event of sound disturbances, the source signal level and the amplification level shall be reduced.

- Before listening at a high volume level, make sure that very high volume sound does not cause damage or inconvenience to people nearby.

- the device must not be within range of young children.

- Children must not be exposed to high-intensity sound.

NOTES ON PLAYBACK FROM EXTERNAL MEMORY.

☐ Your device may not read files in folders.

☐ To ensure proper playback, music files must be saved in a single list without folders.

☐ Do not place anything else in the USB and SD socket except usb and SD devices Other objects may damage the socket.

☐ Never connect your computer directly to the USB port on your device.

☐ The device must have reproducible data stored in the device's memory resources.

☐ To avoid damaging files, do not disconnect the USB device and/or memory card during playback.

☐ It is recommended that you periodically back up data stored on storage media.

- ☐ We do not guarantee the correct cooperation of the product with all available USB devices / SD cards.
- ☐ The read time of data stored in usb/sd memory resources may vary depending on the type of data and the device used.
- ☐ The player supports the format: MP3 / 32kbps - 320kbps, WMA.
- ☐ Maximum number of songs saved must not exceed 999.

POWER OFF AND SAVE ELECTRICITY

In standby mode, the device takes up a small amount of electricity necessary to keep the clock up and on and off the alarm clocks.

Power off the device - use the button (21) when you move it to OFF. When the device is switched off using the switch (21), the device will not draw electricity.

When the power is turned off, the clock and alarm clock will not work, the clock time and alarm time settings will be deleted. When the power is switched on again, the clock time and alarm clock times must be set again.

If you do not use the clock and alarm clock functions for an extended period of time, we recommend turning off the power supply to save electricity.

*Complete disconnection of the device from power supply - by disconnecting the AC/DC ac adapter from the 240VAC 50Hz mains power socket.
The power supply connected to the mains power outlet still charges the minimum amount of electricity. To completely disconnect the device from the power supply, disconnect the power supply from the mains power outlet.*

If you do not use the device for an extended period of time, disconnect the power supply from the mains power outlet to save power.

Troubleshooting.

If you experience some problems with your device, we recommend that you try to check and fix it our own before commissioning your device:

no power supply

check that the power supply is connected to the mains power outlet and the power outlet of the device. check that the device is turned on.

suspension of operation

Press and hold the STANDBY button for 5 seconds. The device should turn off. Disconnect the mains power for 30 minutes. Reconnect after 30 minutes. The device should turn on again.

no playback from USB stick or SD card

The files in memory are stored in a different format than the recommended MP3/WMA. The file may be corrupted, scroll to the next file. The USD memory device or SD card may be damaged, change the memory device.

TECHNICAL SPECIFICATION

Power

AC/DC power supply, 100-240V AC 50/60Hz; DC 9V, 2A

Power consumption: 20W

Built-in battery: Li-ion 3.7V*2, 1800mAh

Battery life: approx. 3 hours

Battery charging time: approx. 3.5 hours

Audio

Output Power: 8Wx2 (4Ω, 1kHz 10%THD, RMS)

Frequency response: 20Hz - 20kHz

Signal/Noise Ratio: 80dB

AUX Input Sensitivity: 800mV

Bluetooth™: BT 3.0+EDR

FM Radio: 87.5 - 108.0MHz

USB reader: audio formats: MP3. WMA

SD card reader: audio formats: MP3. Wma

Warning! PROLONGED LISTENING WITH MAXIMUM VOICE POWER CAN LEAD TO HEARING DAMAGE.

THE PRODUCT MAY DIFFER FROM THE PICTURE SHOWN ON THE PACKAGING. The technical characteristics, appearance and equipment of the device are subject to change without notice. This is due to the continuous improvement of the product and the attention to attractive.

Unintended translation errors may occur in the user manual regarding the operation of the product, the set of included accessories, and functions and parameters. In this case, the exact correct product information is provided by the service. The current user manual is also available on our website www.newaudio.pl and www.emmerson.com.pl

NOTE: RISK OF ELECTRIC SHOCK, DO NOT OPEN !

To reduce the risk of electric shock, do not open, disassemble the device. There are no items inside the device that are intended for user access. All repairs must be carried out by a specialised service for electrical and electronic equipment.



NOTE: There is an dangerous voltage inside the unit.



NOTE: The device is subject to important safety recommendations.

IMPORTANT : SAFETY CONDITIONS.

- use only in temperate climatic zones. - the nameplate is located on the back of the device. - make sure there are min. around the device. 5 cm of free space for ventilation. - make sure that the

ventilation openings are not covered with objects such as newspapers, napkins, tablecloths, curtains, curtains, etc. - do not place an open fire spring on the device, such as a lit candle. - do not expose the device to flooding or water spraying. - do not place objects filled with liquids, such as vases, glasses, dishes, on the device. - Do not throw batteries into the fire! Observe environmental protection requirements when disposing of batteries. - batteries must not be exposed to sources of high temperature, such as strong solar radiation, fire, or similar.

- The AC adapter plug is used to completely turn off the device and disconnect the power supply, it must be easily accessible. To completely disconnect the device from power, the AC adapter plug must be completely disconnected from the mains power outlet.

The mains power socket must not be obscured in any way, it must be easily accessible in order to disconnect the power supply.

All proprietary names and trademarks are provided for informational purposes only without the intention of violating the respective proprietary rights.

The appearance and equipment of the device are subject to change without notice and may differ from the information provided in the manual. The product may be subject to technical changes without prior notice.

When disposing of packaging, the waste separation rules must be observed, the packaging contains elements made of paper and plastic.



IT IS FORBIDDEN TO DISPOSE OF WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT TOGETHER WITH OTHER NON-SORTIC MUNICIPAL WASTE

In accordance with Directive 2002/98/EC of the European Union, waste electrical and electronic equipment may not be disposed of with other household waste and must be transferred to an organisation or other entity involved in the collection and treatment of waste electrical and electronic equipment.

In order to properly dispose of harmful substances and process them, the user is obliged to donate the used product at the collection point of the waste electrical and electronic equipment. To do this, contact your local authority, city cleanup unit or retailer.

Proper handling of waste electrical and electronic equipment shall contribute to avoiding the harmful consequences for human health and the environment resulting from the presence of hazardous components and the improper storage and processing of such equipment.

DECLARATION OF CONFORMITY

Nr EMM 145 / 07 / 2019

EMMERSON Spółka z ograniczoną odpowiedzialnością Sp.K.
UL. ZACISZNA 6
63-200 JAROCIN

hereby declares that the following product:

RM 250 BT przenośny głośnik

complies with the provisions of the Directives:

2014/53/EU

harmonised standards have been applied (Test Standards):

Health: EN 62479:2010

Safety: EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013

EMC: EN 301 489-17 V3.2.0 (2017-03)

EN 301 489-1 V2.2.0 (2017-03)

Radio: EN 300 328 V2.1.1 (2016-11)

Jarocin, ul. Zaciszna 6, dnia 01.07.2019

Last two digits of the year of the CE marking: 19

EMMERSON
ul. Zaciszna 6
63-200 Jarocin – POLSKA
www.emmerson.com.pl
poczta@emmerson.com.pl

WARRANTY CONDITIONS

1. The warranty period is 24 months from the date of sale indicated on the proof of purchase. Defects or defects of the goods revealed during this period will be removed free of charge in accordance with the terms of the warranty. If the equipment is replaced for a new warranty period, it will be re-dated from the date of replacement of the product by Emmerson.
2. The warranty is valid only in the territory of the country where the product was purchased.
3. The performance standards of the product shall be deemed to be the manufacturer's.
4. As part of the warranty provided, the manufacturer undertakes to repair, if necessary, replace the equipment free of charge, or in justified cases the inability to repair or replace, to agree to a refund of cash for the purchased product, within 21 working days from the date of acceptance of the equipment by the Emmerson Service. In justified cases (e.g. complicated repair, need to bring a spare part) the deadline for handling the complaint and warranty repair may be extended.
5. The manufacturer limits its warranty obligations to repair or replace the advertised equipment, which is decided solely by the Emmerson Service. The manufacturer is not responsible for damage to other objects and/or devices of a real and virtual nature. In addition, any claims arising out of the under-usability of the products, the coverage of losses or lost profits due to damage, equipment failure and all other liability.
6. Complaints should be made as soon as a defect is detected. The product complaint must be submitted at the place of purchase or the advertised product must be sent directly to the Emmerson Service for consideration of the complaint. The cost of delivering the product to the service is covered by the Buyer. If the product is shipped to the Emmerson Service, the product should be packed in the original packaging if the Buyer owns it, or packaged in such a way as to ensure a safe shipment of equipment. Emmerson service is not responsible for damage to equipment that occurred during transportation to the Service.
7. Terms of acceptance of the complaint by the Emmerson Service:
 - delivery of equipment in complete condition
 - delivery of a valid, completed warranty card (for products sold with a warranty card) or confirmation of purchase of the product (fiscal receipt or VAT invoice containing the date of purchase, product name and seller's details),
 - providing a clear description of the defect/malfunction of the advertised product.
8. The warranty expires in the event of:
 - end of warranty period,
 - cancellation of the warranty card (for products sold with a warranty card)
 - violations, damage, breaking of warranty seals, if there are any
 - change, violate, delete the serial number of the device, if the number is on the device
 - technical changes to the product or to establish any other unauthorized interference with the product..
9. The warranty does not cover the natural wear and tear of the product and its individual components, damage or malfunction of equipment resulting from improper use, any mechanical, chemical and thermal damage to the housing, external and internal components and components as well as defects caused therein, flooding with liquid or other substance, other damage and defects specified under the warranty conditions.

Before sending the product, we recommend that you contact the service and report any problems in the operation of the equipment, the found defect / malfunction of the equipment or any questions regarding the use and operation of the equipment.

SERVICE EMMERSON

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