Thank you for your purchase
USER MANUAL

MANUAL ICONS

⚠ **Warning:** situations involving injury risk of the user or other persons.

! **Attention:** situations, when damage of sound system or other equipment may be caused.

✐ **Note:** notes, tips or additional information.

GENERAL SAFETY RULES

- Carefully read this manual before use and store it in a safe place with the cash receipt, free service application form and, if possible, package.
- Use the device for the intended purposes and in the manner specified in the manual only.
- Do not use the device in moist places or in direct vicinity of water (the system may not be splashed or spilled with any liquids).
- Protect the device from direct sunlight, open flame, heat or sharp impacts.
- Inspect the device and charger on regular basis. In case of visible damages, turn to authorized service for the elimination thereof.

⚠ Due to safety reasons, do not allow children to play with the charger and packing materials (plastic, foam plastic, cardboard etc.). Choking and suffocation risk!
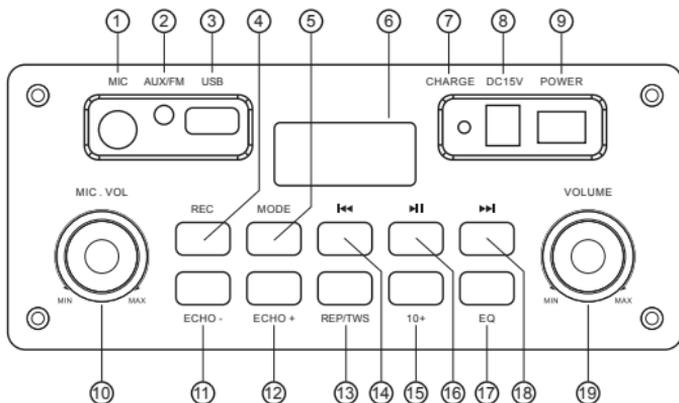
DESCRIPTION

Portable sound system. Bluetooth and NFC to connect with a smartphone. Powerful 6.5" (165mm) woofer and 2" (51mm) tweeter for high-resolution sound. TWS (True Wireless Stereo) connecting up to 2 NAVIGATORS using Bluetooth. Shoulder belt system for convenient mobility. Voice recording. Battery play time up to 7 hours.

Content of the set:
• ZND_NAVIGATOR
• Dynamic microphone (wireless)
• Charger
• Shoulder strap system
• FM antenna
• User manual

FUNCTIONS

- Playback of sound records from mobile devices via Bluetooth (wireless) connection TWS support.
- Sound system equipped with USB flash memory, 3.5mm linear input and 6.3mm microphone socket.
- Display shows the selected operation mode.
- Full FM range coverage (87.5 - 108.0 MHz).
- Restarts FM frequency, track and volume after restart.
- Battery provides autonomous use of the device.
- Equalizer with 7 setting modes.
- Solid housing provides good quality sound.

Control panel

PREPARATION

Battery charging:

Insert the pin of the included charger cable into the sound system socket **DC15V** (8), red charging mode indicator **CHARGE** (7) will light up on the display.

Battery must be charged for approximately 4-5 hours. When the battery is full, green indicator **CHARGE** (7) will light up.

📝 If the sound system is on during the charging, the battery charging duration takes longer.

USE

Switching on:

Move the switch **POWER** (9) in position **I**.

Volume adjustment:

The sound system has two volume controllers:

   a) **VOLUME** (19) adjusts the overall volume.

   b) **MIC.VOL** (10) controls the volume of the microphone.

Equalizer (in USB/bt mode)

During the playing of MP3 records you can use the button [EQ] (17) to switch the 7 equalizer modes: **OFF > EQ1 > EQ2 > EQ3 > EQ4 > EQ5 > EQ6.**

📝 For the best possible sound, appropriate equalizer mode must be selected for the style of each track.

Playback of the digital recordings:

1. Insert a USB flash drive with digital recording into the **USB** (3) slot.

⚠ If the USB flash memory will be inserted into or removed from operating device, information or/and equipment damages may occur!

2. Switch on the sound system by using the switch **POWER** (9). The playback of digital recording will start.

- If you have previously used another mode (FM, AUH, bLUE), then press the key **MODE** (5) to select the playback mode for the digital recordings (on the "USB" display (6)).

- Switch on or cancel the playback pause mode with the key [▶❙] (16).
- Selection of the next or previous track:
    "Fast forward" by temporarily pressing the key [▶▶] (18).
    "Rewind" by temporarily pressing the key [❙◀◀] (14).
3. After listening to the records, press key [▶❙] (16).
4. Move the switch **POWER** (9) to the position **O** to switch off the sound system.

Playback of analogous signal from external source:
1. Insert the cable jack in the socket **AUX / FM** (2), insert the second jack of the cable into the audio output or headphone socket of audio source (e. g., smartphone, tablet, MP3/MP4 player, etc.).
2. Switch on the sound system and select mode "AUH" with the key **MODE** (5).
3. Adjust the volume.

Bluetooth wireless connection:

• Bluetooth is a technology that use wireless radio-wave connection to connect devices. Effective wireless operational distance is approximately up to 10 meters.

• Full functionality may not be guaranteed taking into account the variety of device manufacturers, models and software versions.

1. Pairing of devices by using NFC function

• Devices may be instantly paired by using NFC function.

• Not all Bluetooth devices are equipped with NFC function.

a. Use the switch **POWER** (9) to switch on the sound system. Select mode "bLUE" by pressing the key **MODE** (5).

b. Make sure that Bluetooth and NFC functions have been activated in your Bluetooth device (for example, smartphone). In order to do this, read your Bluetooth device user's manual.

c. Move your Bluetooth device very slowly over the sound system NFC symbol (🔲) until you hear signal and the Bluetooth device receives confirming message.

2. Manual pairing of devices

a. Use the switch **POWER** (9) to switch on the sound system. Select mode "bLUE" by pressing the key **MODE** (5).

b. Make sure that Bluetooth function has been activated in your Bluetooth device (for example, smartphone). In order to do this, read your Bluetooth device user's manual.

c. When (Bluetooth ID) with title "ZND_NAVIGATOR" is displayed in your Bluetooth device, select it to begin connection in pair and establish a connection. After successful connection in pair, the sound system confirms establishment of connection with sound signal.

e. If necessary, enter the default password "0000" (or other depending on the version of your mobile device or software version).

• Use control elements of the Bluetooth device to select the track, playback mode and set the initial volume (see the mobile device user's manual).

• If the previous connection of Bluetooth device has been with "ZND_NAVIGATOR", next connection will be automatic.

• Compatibility may not be provided for the Bluetooth devices to be manufactured in the future.

• In order to provide optimum connection, make sure the battery of your Bluetooth device has been fully charged.

• Some Bluetooth devices have energy saving mode. Deactivate energy saving mode, since it may cause data transmission disturbances.

• In case of incoming call to the connected smartphone, music playback is paused.

TWS function

The TWS technology provides connection of two identical sound systems. The sound systems must be compatible with *Bluetooth TWS* technology. When in TWS connection mode, the sound systems automatically join into a stereo system as the left and right sound channel.

Installation

1. Turn on both sound systems and switch them to Bluetooth mode.

2. Press the **REP / TWS** (13) button on one of the sound systems until you hear a beep. Henceforth this will serve as the main sound system (left channel) that will automatically search and connect to the other sound system (right channel). After successful connection, a signal will sound.

3. Connect the mobile device to the sound systems using Bluetooth system. After connecting to the sound systems, you can play the music in TWS stereo mode.

TWS functions in TWS mode simultaneously change settings, e. g., volume settings, next / previous recording, playback/pause, off, of both the primary sound system and the secondary sound system.

Cancelling TWS function

The two sound systems that were connected by TWS are automatically re-coupled when both are turned on and are in Bluetooth mode.

To cancel the TWS mode and disconnect the sound systems, press and hold the **REP/TWS** (13) button.

Reception of FM radio stations:

1. Switch on the sound system by using the switch **POWER** (9). Select mode "FM" by pressing the key **MODE** (5).

2. Press the sound system key [▶❙] (16), the wave band scan and recording of the radio station frequencies in memory will begin, the frequencies on the display will change and a short transmission will be played.

For early stopping of scanning of FM radio stations, press the key [▶❙] (16).

When scanning of radio stations is over, broadcast of the first found "**CH 01**" radio station will be played.

3. Temporarily pressing the key [▶▶❙] (18) or [❙◀◀] (14), select any of the memorized radio stations.

Connection of microphones:

Dynamic Wireless microphone (included) and/or dynamic microphone with cable can be connected to the sound system.

1. Switch off the sound system by using the switch **POWER** (9).

2. Turn the main volume control **VOLUME** (19) and the microphone volume control **MIC.VOL** (10) to the minimum. Use the key **ECHO-** (11) to set the echo level to "E 00".

3. Insert the microphone pin into the socket **MIC** (1).

• Before the use of wireless microphone, two R6/AA 1.5V batteries must be inserted.
• Shift the wireless microphone switch in position ON (switched on).

4. Switch on the sound system by using the switch **POWER** (9).

5. Speak into the microphone and set the required volume by using the main volume controller **VOLUME** (19) and the controller **MIC.VOL** (10). Set the required echo level with the echo controller **ECHO+** (12)/ **ECHO-** (11).

Karaoke function:

In order to use karaoke function, first connect microphones according to the description given in the section "Connection of microphones".

1. Switch on the sound system by using the switch **POWER** (9).

2. Select the music source (bLUE/FM/USB/AUH) by pressing the key **MODE** (5).

3. Adjust volume of music and microphone by using the controllers **VOLUME** (19) and **MIC. VOL** (10).

When using "bLUE" or "AUH" mode, adjust volume also in the Bluetooth device or external player.

Recording from microphone to USB flash drive

• The maximum length of the recorded material depends on the capacity of the memory device.
• Records will be saved in the **RECORD** folder.

1. Turn off the sound system with the switch **POWER** (9).

2. Insert the USB flash drive into the **USB** socket (3).

3. Turn the main volume control **VOLUME** (19) and the microphone volume control **MIC.VOL** (10) to the minimum. Use the key **ECHO-** (11) to set the echo level to "E 00".

4. Move the wireless microphone switch to the **ON** position.

• Two R6/AA 1.5V batteries must be inserted into the wireless microphone before using it.

4.1 Insert the microphone jack into the **MIC** socket (1).

5. Turn on the sound system with the switch **POWER** (9).

• If the sound system is in another mode, press the key **MODE** (5), turn on the AUX mode ("AUH" on the display).

6. Press and hold the **REC** (4) key until "REC" appears on the display.

7. Speak into the microphone and set the desired sound level with the control **MIC.VOL** (10) and the main control **VOLUME** (19).

8. To finish recording, briefly press the **REC** key. The record will be saved on the flash drive.

• If the recording fails, make sure that the flash drive still has a free space.

Playback of the microphone recordings

After completion of the recording, the last recording will be played automatically. If you want to play other microphone records, press the key [◄◄] (14).

To exit the microphone recording mode, briefly press the REC key.

INSTRUCTIONS FOR CORRECT USE

This is a complicated device and must be handled with care. In order to provide long and reliable operation of the sound system, please, comply with the instructions described below.

1 Do not put the sound system in a place with very high temperature (over 40˚C).

2 Prevent contact of the system with water or any other liquids.
3 Do not approximate the system with powerful sources of electric field and static electricity.
4 Do not open the housing arbitrarily, do not repair and re-build the sound system.
5 Do not insert non-standard, poor quality or damaged parts, accessories and batteries.
6 When bringing the sound system from cold into a warm room, do not switch it on, but let the dewy parts dry for approximately two hours.
7 Protect from impacts, falls and powerful vibrations.
8 If the sound system is soaked, switch it off, wipe it down and let it dry for at least 24 hours.

CLEANING

Clean with soft, dry or lightly dampened cloth. Do not use solutions (gasoline, acetone, spirit etc.) for cleaning. Do not abrasive or corroding cleaning agents.

Technical data

Functions:	USB-A socket for flash drive, dynamic microphone 6.3 mm input, 3.5mm linear input, FM radio 87.5 - 108 MHz
Wireless compatibility:	Bluetooth V4.2 EDR, TWS NFC
Loudspeakers:	6.5" + 2"
Output power:	50W
Frequency band:	65Hz - 18kHz
Ratio signal/noise:	>70dB
Charging power source:	15V/2A, direct current
Battery:	12V, 2.6Ah
Battery performance duration*:	up to 7 hours
Supported file format:	MP3, FLAC, WMA, WAV
Ambient temperature:	0˚C to 40˚C
Ambient relative air humidity:	20% - 90%
Dimensions:	290 x 345 x 175 mm
Weight:	~ 4,8 kg

*measurement has been performed at 33% of volume, and the outcome is approximate (dependant from construction of flash memory and content of record).

Subject to technical changes without warning.

Let us take care of the environment! Do not dispose of this device together with other waste, but deliver to the collection point of recyclable items.

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