

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 sound system for the intended purposes and in the manner specified in the manual only.
 - Do not use the sound system in moist places or in direct vicinity of water (the system may not be splashed or spilled with any liquids).
 - Protect the sound system 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 a power cable and packing materials (plastic, foam plastic, cardboard etc.). Choking and suffocation risk!

DESCRIPTION

Speaker to cover events up to 3000m² and 750 people. Bluetooth and NFC to connect with a smartphone. Two powerful 12" (305mm) woofers and 1" (25mm) tweeter for high-resolution sound. Microphone and guitar inputs for karaoke and jamming. Laser rhythm lighting. Rechargeable battery up to 9h playtime. Integrated handles and wheels for mobility. Vertical and horizontal free-standing.

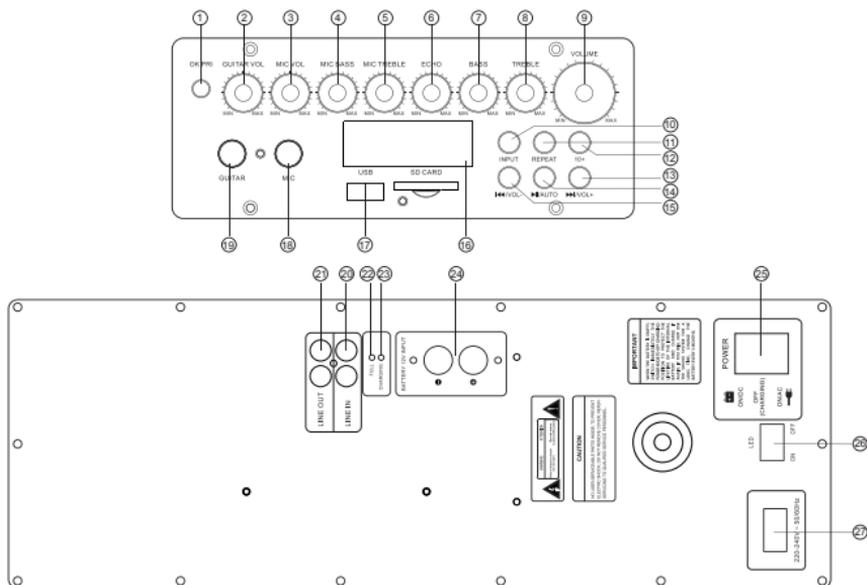
Content of the set:

- ZND_DOMINATOR
- Dynamic wireless microphone (2 pieces)
- Remote control
- Power cable
- Audio cable 2 RCA/3.5 mm
- User manual

FUNCTIONS

- Playback of sound records from mobile devices via Bluetooth (wireless) connection.
- Sound system equipped with USB flash memory port, SD memory card port, RCA linear entry port, RCA linear exit port, 6,3mm microphone port and 6,3mm guitar port.
- Display shows the selected operation mode.
- Full FM range coverage (87.5 -108.0 MHz).
- Restarts FM frequency and track after restart.
- Remote control intended for more convenient device control with extended functions.
- Battery provides autonomous use of the device.
- Equalizer with 6 setting modes.
- Solid housing provides good quality sound.
- Multicoloured lights with rhythmic alteration.

- Option to power the device from the external 12V power source (for example, 12V car lighter socket or battery) - by connecting the cables to +/- terminal in the block BATTERY 12V INPUT (24).



Control panels PREPARATION

Battery charging:

Connect the included power cable to the port of the sound system ~220-240V 50/60Hz (27), blue charging mode indicator **CHARGING** (23) will light up.

Battery should be charged for approximately 8 to 12 hours. When battery has fully charged, red indicator **FULL** will light up.

- ❗ If the battery has run out of charge, switch off the sound system immediately (set the **POWER** (25) switch to **OFF (CHARGING)**) and charge the battery of the sound system by connecting it to the mains supply.

Low battery manifests itself through sound distortions and reduction in volume.

- 🔌 If the sound system is switched on during the charging (the **POWER** (25) switch is set to **ON/AC**), the battery charge time will be longer.

- ❗ To extend the service life of the battery, never leave it uncharged.

- ❗ If you will not use the sound system for a long time, charge the battery every 3 months.

CONNECTING AN EXTERNAL 12V DC POWER SUPPLY

The sound system can run from an external DC power supply unit with an output voltage of 12-15V, and a power of at least 100W.

Before feeding the sound system from an external power supply unit, disconnect the power cord from the socket **~220V-240V 50/60 Hz** (27).

-  Observing the polarity is important when connecting cables. Incorrect polarity can damage your sound system or other equipment!

Connect the "+" output lead of the external power supply unit to the **red** terminal of **BATTERY 12V INPUT** (24), and the "-" lead, to the **black** terminal.

Then, set the **POWER** (25) switch to **ON/DC**.

Do not connect other electric devices (e.g. a 12V lamp) to the **BATTERY 12V INPUT** (24) terminals of the sound system.

USE

Switching on:

The sound system can be powered in two ways:

- 1) from a 230V, ~50/60Hz mains supply (set the **POWER** (25) switch to **ON/AC**),
- 2) from a 12V battery (set the **POWER** (25) switch to **ON/DC**).

Volume adjustment:

The sound system has two volume controllers:

- a) **VOLUME** (9), adjusts (limits) the maximum volume.
- b) digital controller with buttons [**◀◀** / VOL-] (15), [**▶▶** / VOL+] (13) and remote control buttons [VOL-], [VOL+].

You can turn the volume down or up by pressing and holding the button [**◀◀** / VOL-] (15) or [**▶▶** / VOL+] (13).

-  It is recommended to set the digital volume controller at the level of increased or maximum volume and to change the required volume by using the controller **VOLUME** (9).

Equalizer (in USB/SD)

During the playing of MP3 records you can use the remote control button [EQ] to switch the equalizer modes: **Eq 0 - Eq 5**.

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

MP3 file playback:

1. Place USB flash memory or SD memory card with MP3 records in the respective port.

-  If USB flash memory or SD memory card is placed or removed from sound system that is switched on, damage to information and/or device is possible!

2. Switch on the sound system by using the switch **POWER** (25). Playback of MP3 record will start.

- If another mode has been used previously ("AUH", "bLUE", FM radio), push the key [**INPUT**] (10) or [**MODE**] on the remote), choose MP3 mode ("USB" or "SD" on display).

- Switch on or cancel the playback pause mode with the key [**▶|** / **AUTO**] (14).

- Selection of the next or previous track:

"Fast forward" by temporarily pressing the key [**▶▶** / VOL+] (13).

"Rewind" by temporarily pressing the key [**◀◀** / VOL-] (15).

-  Key [**REPEAT**] - selection of playback type (in MP3 mode):

"ONE REPLAY" - repeated playback of one composition

"ALL" - playback of all compositions.

 Key [10+] - selection of the MP3 composition by step +10.

3. After listening to the records, press key [M] / **AUTO** (14).

4. By switching **POWER** (25) to status **OFF**, turn off the sound system.

Playback of analogous signal from external source:

1. Insert pins of the included cable into the sockets **AUX INPUT** (20), insert the other cable pin into the audio output of the audio signal source (for example, smartphone, tablet, MP3/MP4 player etc.) or headphone socket.

2. Switch on the sound system and by key [**INPUT**] (or remote key [**MODE**]) select mode "AUH".

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** (25) to turn on the sound system. By pressing key [**INPUT**] or remote [**MODE**] choose mode "bBLUE".
 - 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** (25) to turn on the sound system. By pressing key [**INPUT**] or remote [**MODE**] choose mode "bBLUE".
 - 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_DOMINATOR" 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_DOMINATOR", 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.

Reception of FM radio stations:

1. Use the switch **POWER** (25) to turn on the sound system. By pressing key **[INPUT]** or remote **[MODE]** choose mode FM radio.
2. Shortly press the sound system key **[▶|| / AUTO]** (14) or remote key **[FM SCAN]**, and scanning for range and memorization of radio station frequencies will begin; frequency will change on display and shortly the memory cell number of the found transmitter will be shown (for example, "P02"), and a short fragment of the transmission will be played.

For early stopping of scanning of FM radio stations, press the key **[▶|| / AUTO]** (14).

When scanning of radio stations is over, broadcast of the first found "P01" radio station will be played.

3. Temporarily pressing the key **[◀◀ / VOL-]** (15) or **[▶▶ / VOL+]** (13), select any of the memorized radio stations.

Connection of microphones:

Dynamic wireless microphone (included 2 pcs.) and/or dynamic microphone with cable can be connected to the sound system.

1. Switch off the sound system by using the switch **POWER** (25).
2. Turn the echo controller **ECHO** (6), main volume controller **VOLUME** (9) and microphone volume controller **MIC VOL** (3) to the minimum.
3. If you will use an additional microphone with a cable, connect the cable to the port **MIC** (18).



- 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** (25).
5. Speak into the microphone and set the required volume by using the main volume controller **VOLUME** (9) and the controller **MIC VOL** (3). Set the required echo level with the echo controller **ECHO** (6).
6. If the microphone priority mode button **OK PRI** (1) will be locked in pressed position, then, upon speaking into the microphone, sound from other signal source (for example, USB flash memory) will be automatically toned down.

Connection of guitar:

Guitar with sound pick-up can be connected to the sound system.

1. Switch off the sound system by using the switch **POWER** (25).
2. Turn the echo controller **ECHO** (6), main volume controller **VOLUME** (9) and guitar volume controller **GUITAR VOL** (2) to the minimum.
3. Insert the guitar pick-up cable pin into the socket **GUITAR** (19).
4. Switch on the sound system by using the switch **POWER** (25).
5. Play guitar and set the required volume by using the main volume controller **VOLUME** (9) and the controller **GUITAR VOL** (2).

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** (25).
2. Select the music source (bBLUE/USB/SD/FM/AUH) by pressing the key **[INPUT]** or **[MODE]**.
3. Adjust volume of music and microphone by using the controllers **VOLUME** (9) and **MIC VOL** (3).
When using "bBLUE" or "AUH" mode, adjust volume also in the Bluetooth device or external player.

Recording on a USB flash drive (or SD memory card)

Recordings can be made from the microphone MIC input, from the FM radio, or from the LINE IN input.

The recordings are saved in the **JL_REC** folder

MIC:

Insert the USB flash drive in the USB port (17) - the sound system will automatically start playing audio files from it. Press the **[REC]*** button on the remote and hold it for 2 seconds - this will start recording from the microphone. To stop recording, press and release the **[REC]** button. The recorded file will be saved on the flash drive.

FM:

Insert the USB flash drive in the USB port (17). Press the **[INPUT]** button (10), or **[MODE]** button on the remote, to switch the "FM" mode on. Press the **[REC]*** button on the remote and hold it for 2 seconds - this will start recording from FM radio. To stop recording, press and release the **[REC]** button. The recorded file will be saved on the flash drive.

LINE IN:

Insert the USB flash drive in the USB port (17). Plug the RCA connectors of the cable provided in the LINE IN sockets of the audio system. Insert the 3.5 mm connector of the cable in the headphone or line-out port of the smartphone (or other player device). Press the **[INPUT]** button (10), or **[MODE]** button on the remote, to switch the "Linein" mode.

Press the **[REC]*** button on the remote and hold it for 2 seconds - this will start recording from the smartphone. Switch on the playback mode on the smartphone. To stop recording, press and release the **[REC]** button. The recorded file will be saved on the flash drive.

* in some models of remotes, the **[REC]** button may be marked as **[SCAN]**.

-  • If you have finished recording from the line input and wish to record from FM radio, leave the USB flash drive in its port and press the **[INPUT]** button (10), or **[MODE]** button on the remote, to switch the "FM" mode on.
-  • If you have finished recording from FM radio and wish to record from the microphone, leave the USB flash drive in its port and press the **[INPUT]** button (10), or **[MODE]** button on the remote, to switch the "AUH" mode on.
-  • If the recording has failed, check if there is still free space on the flash drive (memory card).

Recording playback

As soon as the recording procedure is completed, the last recording is played back automatically. If you wish to play other recordings, press the **[REC]** button.

Remote control [REC] button recording playback functions

- a) If the USB flash drive (or SD memory card) only has recording made with the DOMINATOR: press and release the **[REC]** button, and the sound system will play the first recording, and then repeat it.

b) If the USB flash drive (or SD memory card) has recording made with the DOMINATOR as well as other recordings:

press and release the [REC] button, and the sound system will play the last recording made with the DOMINATOR, and then repeat it.

 To play other recordings made with the DOMINATOR sound system, press the [⏮] or [⏭] button.

[REC] or [SCAN]

a) press and hold for 2 seconds - recording on the USB or SD drive will start from MIC, FM or LINE IN.

b) pressing and releasing will play the recording made with the DOMINATOR back.

Light effects:

If the LED switch (26) is **ON**, the sound system is lit up with rhythmic multicoloured light effects (depending on the volume and rhythm of the track).

REMOTE CONTROL

Before the use of remote control, two R03/AAA 1.5V batteries must be inserted.

Key functions:

- [⏻] - switching on of the sound system/ shifting into standby mode.
- [⏸] - switching off of sound.
- [FL-] - previous folder.
- [FL.REP] - selection of folder repeating/ playing type (in USB mode).
"ALL" - cyclic playback of all tracks;
"FoLd" - cyclic arrangement of the current folder.
- [FL+] - next folder.
- [EQ] - shifting of equalized modes (in USB/SD/bBLUE).
- [VOL+] - turning the volume up.
- [⏮/CH-] - previous track/ previous FM radio station.
- [⏪/ FM SCAN] - pause mode/ scanning of FM range.
- [⏭/CH+] - next track/ next FM radio station.
- [VOL-] - turning the volume down.
- [0] - [9] - digital keys for the entry of MP3 track number / selection of the stations fixed in FM radio memory.
- [REC] - recording from MIC/FM/LINE IN.
- [MODE] - mode shift (bBLUE/ FM / USB/ SD/ LINE).
- ⏻ - "ONE REPLAY" - repeated playback of one composition;
"ALL" - playback of all compositions.



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 flash memory slot, SD/SDHC memory card port, dynamic microphone 6,3 mm entry port, 6,3 mm entry port for guitar (all protected with rubber caps), linear input (2 RCA), linear output (2 RCA), FM radio 87.5 - 108 MHz
Wireless compatibility:	Bluetooth V4.2, A2DP, AVRCP NFC
Loudspeakers:	1" + 2x12"
Rated output power:	200W
Frequency band:	40Hz - 20kHz
Signal to noise ratio:	> 90dB
Power supply:	220-240V~50/60Hz or 12-15V, direct current
Accumulator battery:	12V/12Ah Charging time: 8-12 hours
Battery performance duration*:	≥ 9 hours
Supported file format:	MP3
Remote control operational distance:	10 meters (in view line to IR transmitter)
Ambient temperature:	0°C to 40°C
Ambient relative air humidity:	20% - 90%
Dimensions:	W457 x D380 x H1111 mm
Weight:	~ 23,1 kg

* measurement has been performed at 33% of volume, with the **LED** switch (26) in position **OFF**, 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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