

DEVINE

NORDO 12



User manual (V1.1)

Introduction

Thank you for purchasing this Devine battery powered loudspeaker. Before you unpack all the received items, carefully read this manual to become familiar with the functions of the system. Also check the contents of the box to make sure all necessary parts are included.

If the loudspeaker fails to operate properly, or if you have any problems while using the system, turn off the power and contact your selling point for more information and help.

Box contents:

1x battery powered loudspeaker
1x IR remote with internal battery
2x 9V battery
2x wireless microphone
1x user manual
1x power cable

Warning!

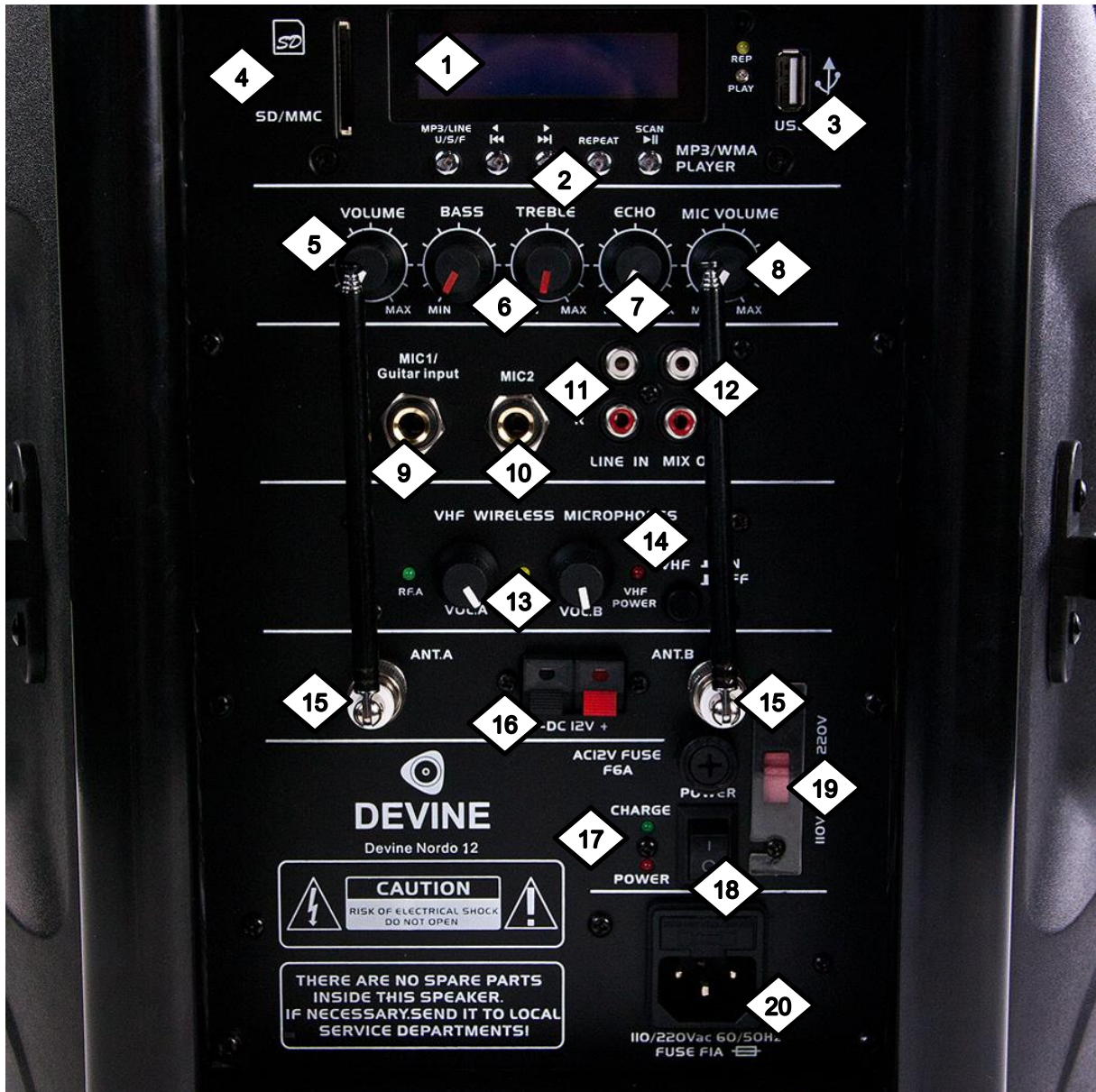
- To avoid electric shocks, do not open the system. There are no user serviceable parts inside.
- Before you connect the unit to a power supply, check if the voltage matches with the power requirements of the system.
- In case the system will not be used for a longer period of time, remove the batteries from the handheld microphones.
- For optimal performance of the system, do not place any heat sources on the surface of this product, do not place the system on top of a heat source such as a microwave or fireplace.
- Keep the unit and microphones away from intense sunshine, humidity, dust and liquids
- Make sure the speaker is positioned on a stable horizontal platform during use, such as a solid floor or a loudspeaker stand
- To avoid interference, keep the unit and microphones away from devices like large power supplies, power transformers, radarstations and computers.
- do not place objects on top of the system
- Keep the unit and handheld microphones away from any sort of liquid, moist or fluids to avoid short circuits.

Features:

- battery powered, active loudspeaker
- built-in MP3-player/FM radio tuner, with USB and SD card support
- included remote
- 2 wireless microphones included
- built-in wireless microphone receiver
- VHF frequency (199.6 MHz, 197.15 MHz)
- retractable antennas
- built-in trolley system with retractable handle and two wheels on the bottom
- 12 inch woofer, 1 inch tweeter
- 30W amplifier module

Product overview

The rear of the unit contains lots of connections and settings for your convenience. This way you are able to connect additional equipment, plus you have optimal control over volumes and the equalizer. Please pay attention to the schedule below, as it contains valuable information for optimal performance.



1. USB/SD player display	11. Line in (stereo RCA/cinch)
2. USB/SD player control buttons	12. Mix Out (stereo RCA/cinch)
3. USB slot	13. wireless microphone volume control
4. SD card slot	14. Wireless microphone on/off
5. Master volume	15. Retractable antenna
6. Master EQ with bass and treble control	16. DC 12V output for low-power devices
7. Echo control for microphone signals	17. Charge/Power LEDs
8. Microphone volume	18. On/off switch
9. MIC1/instrument input (6.35mm jack)	19. 110V/220V switch (DO NOT CHANGE)
10. MIC2 input (6.35mm jack)	20. IEC power connector

Preparing the system

Inserting batteries

This system uses a 9V battery for the handheld microphones. Each handheld microphone uses one 9V battery. Always use good quality batteries, as the battery life may vary. This may result in a working time between 8 and 20 hours . Use the included batteries only for testing purposes as their lifespan may vary. Devine recommends the use of Duracell Pro batteries or any comparable quality for optimal performance results.

Insert the 9V battery by unscrewing the bottom of the microphone. Pay attention to the placement of the connection terminals, there is only one way to insert the batteries properly. Screw the bottom cap back on and make sure it is turned tightly. Do not apply too much force, as this might cause damage to the housing.



There is a on/mute/off switch provided on the body of the microphone. When you turn the switch to the 'ON' position, the microphone should show activity and the green LED should light up. When you put the switch in the center position, the 'MUTE' function will become active. This means that the microphone is still active and connected to the receiver, but it will mute all sound.

Remote control

The included remote control activates the built-in MP3/SD player with FM tuner. You have control over Play/Pause, Stop, Next, Previous, Volume up, Volume Down, EQ, Repeat mode, USB/SD source, Mute, On/Off and numerical buttons to access a certain track directly.

Using the built-in USB/SD player with FM tuner

Use the USB/SD player to play music from any USB or SD card source. The unit supports .WAV and .MP3 source files.

When a USB or SD source is plugged in, the player will automatically switch to that source and start playing. With the included remote or with the buttons underneath the display you have full control.

The FM tuner can be used to listen to radio stations. Use the buttons to scan for available frequencies, or search for a specific frequency.

Volume, EQ, Echo and Mic

The volume knob of the unit is used to change the master volume of the unit. Turn it clockwise and the volume will increase. Turn it counter-clockwise and the volume will decrease.

The built-in equalizer is used to change the sound characteristics of the speaker. The Treble knob is used to increase or decrease high tones. The Bass knob is used to increase or decrease low tones. This way you can adjust the sound for different venues. If you use the speaker for presentation or speech purposes, you can boost the high frequencies. If you want to play music that contains lots of low frequencies, you can turn up the bass indicator.

Please pay attention to the audio reproduction of the speaker. If you hear any crackling or distorted sounds, the speaker is performing beyond its maximum capacity. Turn the volume down to avoid possible permanent damage. Warranty is void when any defects are found, caused by improper use.

Use the Echo knob to add some echo to the microphone signals. This function is mostly used for karaoke and speech purposes. Feel free to experiment with the amount of echo.

The Mic knob is used to increase or decrease the microphone level of all connected microphones.

Mic, instrument and line connections

It is possible to plug in extra audio-devices, such as MP3-player, wired microphones or even semi-acoustic or electric guitars.

- MIC1/Guitar input

This input has a 6.35 mm jackplug connector and is suitable for most wired microphones and instruments.

- MIC2 input

This input has a 6.35 mm jackplug connector and is suitable for most wired microphones.

- Line in

This input is used for additional line audio sources, such as PA-mixers, MP3-players, tablets, smartphones or laptops and is equipped with stereo cinch (RCA) connectors. Adapter cables to other stereo connectors (XLR, 6.35 mm jack and 3.5 mm mini jack are available at your local Devine dealer.

- Mix Out

This output is suitable to link this unit with multiple NORDO 12 units, for compact PA-venues. The mixed output of all signals will be transferred to another unit.

Wireless microphone section

This section is all about the wireless microphones. The green and yellow LED show if there is a connection between the receiver and the transmitter. The volume of each microphone is adjustable, for optimal performance. The wireless microphone section has an on/off switch to save energy while operating with the internal battery.

Antenna section

These retractable antennas are used for the wireless microphones. They are retractable for your convenience and they can be positioned freely. For the best reception Devine recommends to place the antennas in a 90 degree angle V-shape, positioned as high as possible for optimal reception and signal quality.

DC 12V

These connection terminals are suitable for cables with bare wire. This makes it possible to connect any low-power 12V DC devices to your NORDO 12, such as small LED devices, small cooling fans, decoration lasers, cigarette plug gadgets, etc.

WARNING: Do not connect a car battery, car audio amplifiers or high-powered devices as this might blow the internal fuse.

WARNING: Do not connect a passive loudspeaker to this terminal output as this will blow up the speaker! Devine is not responsible for any damage to this speaker or any connected devices, caused by improper use.



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Technical specifications

- Battery powered loudspeaker
- Built-in, rechargeable battery
- Can be used with a 230V power source
- Up to 8 hours of use with a full battery
- 12 inch woofer with 1.5 inch voice coil
- Tweeter with integrated horn
- Built-in power amplifier: 30 Watt
- Nominal system impedance: 4 Ohms
- Trolley system with integrated wheels and retractable comfort handle
- 35 mm speaker stand adapter

MP3 player:

- Supports USB and SD
- Remote control included
- Display with control buttons

Microphones:

- 2x wireless microphone
- VHF frequency (199.6 MHz, 197.15 MHz)
- On/off/mute switch
- Works on 9V battery (included)
- Microphone holders on both sides of the speaker
- Microphone volume adjustable
- Optional microphone echo (variable)

in/output:

- 2x 6.35mm jack input (instrument/mic and mic)
- Line in, stereo RCA
- mix out, stereo RCA

Controls:

- mic volume (VOL A, VOL B)
- Main mic volume
- Echo intensity
- Master volume
- VHF mic on/off switch
- Power on/off switch

Indicators:

- Charge LED indicator (green)
- Power LED indicator (red)
- RF A LED indicator (green)
- RF B LED indicator (yellow)
- VHF Power LED indicator (red)

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Power supply:

- 110/230V AC, 50/60 Hz
- 12V DC power outlet for small devices, with wire terminals

Dimensions and weight:

- Size: 340 x 310 x 575 mm
- Net weight: 14.5 kg
- Gross weight: 16.5 kg

Accessories:

- 2x wireless microphone
- 2x 9V test-battery
- IR remote
- Power cord (IEC – Schuko)



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