User Manual

Portable Speaker
DPS-120

DEXP

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Dear Customer,

Thank you for choosing our products.
We are pleased to offer you appliances and devices designed and manufactured to the highest standards of quality, functionality, and design. Before using the device, please read this manual carefully. It contains important information regarding your safety, as well as recommendations for the proper use and care of the product. Please keep this manual in a safe place and use it as a reference guide during future operation of the product.

Intended Use

The portable speaker is designed for playing music, including in places without access to a power source.

Safety Precautions

- Before connecting the device to power, make sure the electrical network parameters match the device's specifications.
- To avoid electric shock, do not disassemble or open the device housing. Do not attempt to repair it yourself; if you notice any malfunction, contact an authorized service center.
- Disconnect the device from the audio source if it will not be used for an extended period.
- Use the device only for its intended purpose.
- Do not touch the device with wet hands.
- Do not allow small objects (needles, pins, coins) or insects to enter the device through its openings.
- When unplugging the device from the power source, hold only the insulated part of the plug. Do not pull or move the device by the charging cable. Protect the cable from pinching, and do not place any objects on it.
- To avoid device damage and electric shock, use only undamaged connectors.

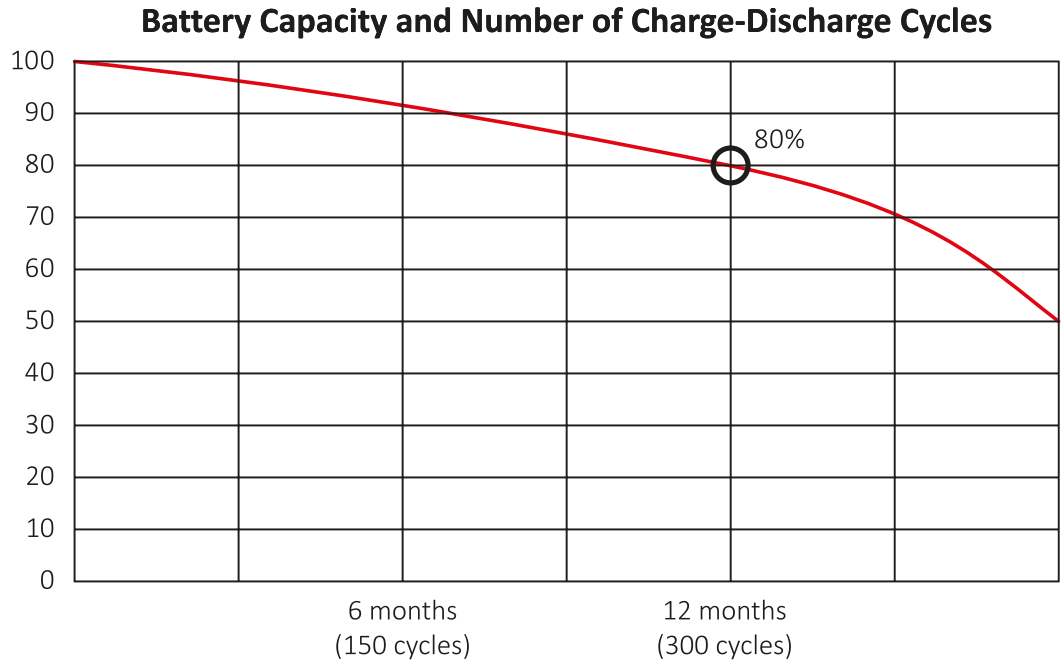
- Protect the device from water and other liquids, moisture, extreme temperatures, dust, and dirt. Do not store the device in areas with high humidity or dust levels.
- Do not place open containers of liquid (vases, glasses, bottles, etc.) on or near the device.
- Protect the device from overheating. Do not install it near powerful heat sources (heating appliances, etc.), and do not expose it to direct sunlight.
- Do not use benzene-based substances, alcohol, solvents, etc. for cleaning, as they may damage the device and its painted surface. Use only a soft, dry cloth.
- This device is not intended for use by children or persons with reduced physical, sensory, or mental capabilities, unless they are supervised by a person responsible for their safety. Do not allow children to play with the device.
- This device is not intended for commercial use.

Rechargeable Battery Guidelines (Li-pol/Li-ion)

Dear Customer, please note that this device uses a lithium-based rechargeable battery as its power source. Please carefully read the information below to help extend the life of your battery and prevent undesirable consequences during its operation.

Battery Capacity and Charge-Discharge Cycles

During prolonged storage and use, the rechargeable battery (hereinafter referred to as «the battery») tends to lose its charge and capacity. After 300 charge-discharge cycles (approximately one year of device use), the battery capacity may decrease to 80% of its nominal value. After 400 charge-discharge cycles, the battery capacity may decrease to 60% of its nominal capacity. Partial capacity reduction within these limits and time frames is natural battery wear and is not considered a defect.



Natural Battery Wear

The battery loses charge even when stored separately from the device. The self-discharge rate is approximately 5% per month. Due to their design, batteries are not durable and constantly

degrade regardless of whether they are in use. This degradation accelerates at higher temperatures and when the charge level deviates from the «optimal» storage level, which is generally considered to be 40%. In other words, if the battery is not in use, it is advisable to keep the charge level between 40% and 50%.

Use Only the Original Charger

The battery's charge and discharge capability is controlled by its built-in Battery Management System (BMS). Forced «fast charging» modes using external chargers for Li-ion batteries are strictly not recommended, as charge and discharge currents are limited. Li-ion batteries do not have a so-called «memory effect». You can start charging or discharging the battery from any charge level.
Most devices have charge and discharge limits—the controller may prevent the battery charging if, for example, the charge is already above 90%. It will also prevent the battery from fully discharging, protecting the cells from damage. Even if the device is powered by the electrical grids, the Li-ion battery should undergo a full charge/discharge cycle at least once a month (until the «low battery» warning appears). Never let the battery discharge completely. A Li-ion battery degrades quickly if stored in a discharged state for a prolonged period. If this happens, charge it immediately. If the battery remains in a discharged state for two weeks or more, irreversible capacity loss occurs in the cells, which will ultimately lead to battery failure.

Observe the Temperature Requirements

Batteries must be stored in a charged state at temperatures between +15 °C and +35 °C with normal humidity. Batteries do not perform well during prolonged operation in very high (above +40 °C) or very low (below -10 °C) ambient temperatures. Do not leave the battery in direct sunlight.

Do Not Disassemble, Burn, or Use Damaged Batteries

Under no circumstances should you attempt to disassemble the battery or charge its individual cells. For repair or maintenance, please contact an authorized service center.

Puncturing or crushing the cells can cause an internal short circuit, leading to fire and explosion. Melting of lithium due to high temperatures can also cause an explosion. If the seal is broken, water or condensed atmospheric moisture can enter the cell, potentially triggering a reaction that releases hydrogen and causes a fire. You can check the current battery status using the battery indicator, which is available on almost all devices (please check its location and operation method at the time of purchase).

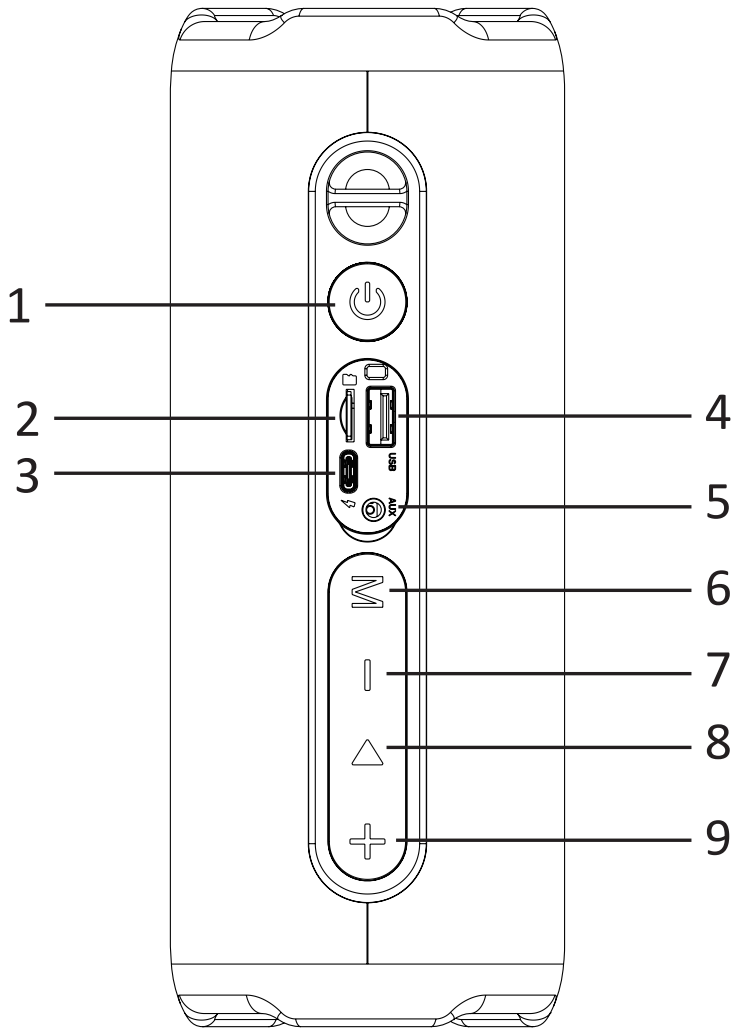
CAUTION

- Be careful — damaged batteries may release harmful substances.
- If the battery is replaceable (removable), and you discover problems with its performance, contact a service center (see the warranty period in the warranty information). If the battery is built-in (an integral part of the device), the warranty applies to the device itself. You should also contact a service center. The sooner you bring a malfunctioning battery in for repair, the more likely it can be restored with minimal cost.
- Battery operating time depends on many other factors, and the actual operating time may differ from the stated value.
- Rechargeable batteries have a limited number of charge cycles and may eventually need replacement (see the limited warranty conditions for the battery in the warranty information). Battery operating time depends on the usage mode and settings.

Specifications

- Model: DPS-120.
- Trademark: DEXP.
- RMS output power: 25 W.
- Frequency response: 20 Hz – 20 kHz.
- Number of speakers: 2.
- Number of channels: 1.
- Woofer size: 53 × 93 mm.
- Tweeter diameter: 31 mm.
- Tweeter impedance: 6 Ω.
- Woofer impedance: 4 Ω.
- THD: ≤ 5%.
- Signal-to-noise ratio: 95 dB.
- Bluetooth version: 5.3.
- Bluetooth profile: A2DP, AVRCP, HFP.
- Bluetooth codecs: SBC.
- Bluetooth range: 20 m.
- Wireless standard: IEEE 802.15.2.
- Frequency range: 2400 – 2483.5 MHz.
- Transmitter power: Up to 10 mW.
- Input interfaces: 3.5 mm jack, USB Type-A.
- Maximum memory card capacity: 256 GB.
- Supported file systems: FAT16, FAT32, FAT12.
- Supported audio formats: MP3.
- Charging port type: Type-C.
- Power supply: 5 V ⎓ 2 A.
- Battery: Li-ion, 2600 mAh, 7.4 V.
- Battery life at maximum volume: 4 hours.
- Battery life at medium volume: 5.5 hours.
- Charging time: 3 hours.
- IP code: IPX6.
- Scope of application: Domestic.
- Package Contents: Device, 3.5 mm jack to 3.5 mm jack cable, USB Type-A to Type-C cable, user manual.

Device Diagram



1. Power button.
2. Memory card slot.
3. Type-C charging port.
4. USB port.
5. 3.5 mm jack.
6. «Mode» button.
7. «Vol-» button.
8. Play/Pause button.
9. «Vol+» button.

Operating Instructions

Power Button

- Hold for 2 seconds to turn the device on or off.
- Press once to switch the backlight mode (does not affect the power button's own indicator).
- Press twice to toggle between the normal equalizer mode and the bass-boost mode (enabled by default).

«Mode» Button

- Press once to switch between signal sources: Bluetooth → Memory Card → AUX → USB.
- Hold for 2 seconds to disconnect the current Bluetooth connection and enter pairing mode.

«Vol-» Button

- Press once to decrease the volume.
- Hold for 2 seconds to skip to the previous track.

«Vol+» Button

- Press once to increase the volume.
- Hold for 2 seconds to skip to the next track.

Note: 16 volume levels are available.

Play/Pause Button

- Press once to play/pause.
- Hold for 5 seconds to reset the device: This clears the current pairing information, sets the volume to 50%, and then powers off the device.

Bluetooth Connection

1. Switch the speaker to Bluetooth mode — the power button indicator will start flashing while waiting to pair.
2. Enable Bluetooth on the source device, then select «DEXP DPS-120» from the list of available devices.
3. Once connected successfully, the speaker will emit a beep, and the indicator will stop flashing.

CAUTION! If pairing is not completed within 10 minutes, the device will turn off automatically.

TWS Mode

If you have two speakers, this function lets you use them together.

1. Turn on both speakers and switch them to Bluetooth pairing mode.
2. Hold the «Play/Pause» button on one of the speakers for 2 seconds to enter TWS mode — this speaker will become the primary unit.
3. The connection between the two speakers will be established automatically within 5 seconds — a beep will sound once pairing is successful. You can then connect the speakers to a source device.
4. To break the connection, hold the «Play/Pause» button for 2 seconds.

Call Management

- Press the «Play/Pause» button to answer an incoming call.
- Hold the «Play/Pause» button for 2 seconds to decline an incoming call.
- During a call, press the «Play/Pause» button to end the call.
- Hold the «Play/Pause» button for 2 seconds to redial the last dialed number.

Backlight Control

Press the power button to cycle through backlight modes:

- Button surround area: Gradient (smooth color change) → Rainbow (multicolor) → Gradient/Spectrum → Off.
- In «Gradient/Spectrum» mode, the backlight switches to spectrum mode while music is playing, and to gradient mode when playback is paused.
- Logo area: Gradient → Off.

While music is playing, a flashing gradient is used; when playback is paused, a slowly pulsing gradient is used.

Charging the Device

When the battery is low, the device will emit a beep. Connect the device to a power source via the Type-C port.

- The power button indicator will glow red while charging.
- Once fully charged, the indicator will turn off.

CAUTION! Fully charge the device before first use.

Rules and Conditions for Installation, Storage, Transportation, Sale (Distribution), and Disposal

- This device requires no assembly or mounting.
- The device must be stored in its original packaging, on heated premises, both at the manufacturer's and at the consumer's sites. The ambient temperature should be between +5 °C and +40 °C, and the relative humidity should not exceed 80% (non-condensing). The storage area must be free from aggressive contaminants (e.g., acid or alkali vapors) that could cause corrosion.
- The device must be transported in a dry place.
- The device requires careful handling. Protect it from exposure to dust, dirt, impact, moisture, fire, and other hazards.
- Sale or distribution of the device must be carried out in accordance with local legislation.
- Upon expiration of the device's service life, it must not be disposed of with unsorted household waste. Instead, it must be taken to an authorized collection point for electrical and electronic equipment for subsequent recycling and disposal in accordance with federal or local legislation. By ensuring proper disposal of this product, you help conserve natural resources and prevent potential harm to the environment and human health that may result from improper handling. For more detailed information about collection and disposal points for this product, please contact your local municipal authorities or your household waste disposal service.
- If a device malfunction is detected, immediately contact an authorized service center or dispose of the device.

Warranty Information

The manufacturer guarantees the device will function properly throughout the warranty period and be free from defects in materials and assembly. The warranty period commences on the date of purchase and applies to new products only. Warranty service includes free repair or replacement of defective parts that fail during the warranty period, provided the failure is not caused by consumer misuse and the product is operated in accordance with the user manual. Repairs or part replacements shall be performed at authorized service centers.

Warranty Period: 12 months
Service Life: 24 months

For the up-to-date list of authorized service centers, please visit:
https://www.dns-shop.ru/service-center/

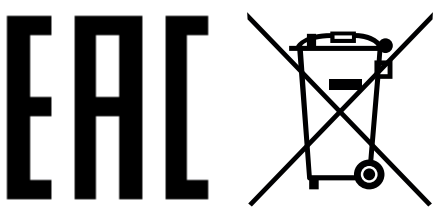
Additional Information

Manufacturer: Huizhou Shenke Xinfei Technology Co., Ltd.
Building C Tangxia Area, Chanjing Village Xinxu Town, Huiyang District, Huizhou Guangdong Province, China.

Made in China.

The product meets the requirements of the technical regulations of the TR CU (EAEU).

Product specifications, information and appearance are subject to change without prior notice, for quality improvement of our products.



Production date (mm.yyyy):_____ v.1

