

# User Manual

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Portable Speaker  
DPS-310

**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

- Do not disassemble the device yourself to avoid electric shock. This device contains no user-serviceable parts. Maintenance and repairs should only be performed by qualified technicians at 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.
- This device is not intended for commercial use.
- When disconnecting the device from the power source, hold only the insulated part of the plug. Do not pull or move the device by the cable.
- Do not allow small objects (needles, pins, coins) or insects to enter the device through the openings.
- Protect the device from moisture, dust, and extreme temperatures. Do not install the device in areas with high humidity or dust.

- Do not place open containers with liquids (vases, glasses, bottles, etc.) on or near the device. If liquid gets on the device, unplug it immediately.
- Protect the device from overheating. Do not place it near powerful heat sources (heating appliances, etc.) or expose it to direct sunlight.
- Do not use benzene-based substances, alcohols, solvents, etc., to clean the device, as they may damage the device and its painted surfaces. To clean the device, use only a soft, dry cloth.
- This device is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the device.
- To avoid damaging the device and causing electric shock, use only undamaged connectors for connection.

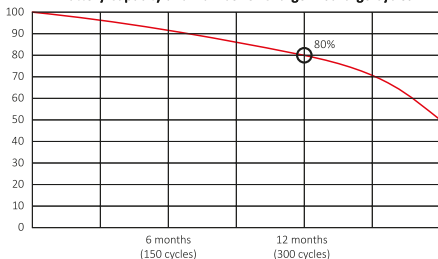
## **Rechargeable Battery Guidelines (Li-pol/Li-ion)**

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.

**Battery Capacity and Number of Charge-Discharge Cycles**



## 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 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.

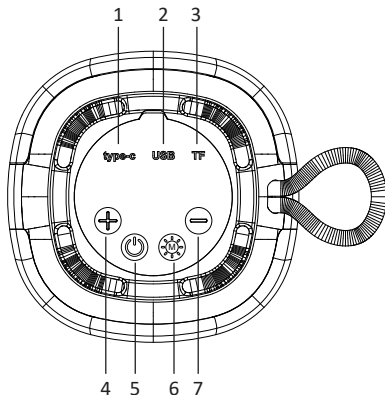
## Package Contents

- Portable speaker.
- USB-C — USB-A cable.
- User manual.

# Specifications

- Model: DPS-310.
- Trademark: DEXP.
- RMS output power: 5 W.
- THD:  $\leq 10\%$ .
- Number of speakers: 1.
- Number of channels: 1.
- Maximum frequency: 18000 Hz.
- Minimum frequency: 120 Hz.
- Speaker driver diameter: 60 mm.
- Speaker driver impedance: 3 Ohms.
- Bluetooth version: 5.1.
- Bluetooth profiles: HFP, HSP, A2DP, AVRCP.
- Bluetooth codecs: SBC.
- Bluetooth range: 10 m.
- Bluetooth radio frequency characteristics:
  - Wireless standard: IEEE 802.15.1.
  - Frequency range: 2380–2420 MHz.
  - Transmitter power:  $< 11$  dBm.
- Playback interfaces: USB-A, Micro SD.
- Maximum memory card capacity: 32 GB.
- Supported file systems: FAT32.
- Audio file formats: MP3.
- Battery capacity: 1800 mA·h.
- Battery type: Li-ion.
- Battery voltage: 3.7 V.
- Power supply: 5V = 1A.
- Charging port type: USB Type-C.
- Weight: 600 g.
- Dimensions (W × D × H): 112 × 112 × 134 mm.
- Protection class: III.
- IP code: IPX0.
- Scope of application: Domestic.

# Device Diagram



1. USB Type-C charging connector\*.
2. USB Type-A connector\*.
3. TF connector\*.
4. Next track / Volume up button.
5. Multifunction button.
6. Mode / Backlight / Factory reset button.
7. Previous track / Volume down button.

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\* To access the connectors, fold back the flexible cover on the control panel.

## Operating Instructions

- To turn on the device, press and hold the multifunction button «  ».
- **Bluetooth pairing:** Turn on Bluetooth on your device and connect to the speaker named “DPS-310”. The speaker will connect to your device automatically.
- **Bluetooth calls:**
  - To answer a call, press the «  » button. To end a call, press the «  » button.
  - To reject an incoming call, press and hold the «  » button.
- **Backlight mode:** Press and hold the «  » button for 2 seconds to switch backlight modes.
- **USB drive / TF card:** Turn on the speaker, insert the drive or card into the corresponding slot. The device will automatically read the music files.
- **Factory reset:** Press and hold the «  » button for 6–8 seconds.

## Troubleshooting Guide

- After prolonged audio playback, the device may turn off automatically — the battery may be drained. Fully charge the device and turn it on again.
- The speaker may operate unstably if it is far from the paired device or if there are obstacles between them.
- If you are unable to connect via Bluetooth, ensure that the other device is searching for connections, or restart the speaker. There may be too many Bluetooth devices nearby. Try turning them off.

## 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:** Shenzhen Swetz Sound Technology Co., Limited.  
#101-501, No.19, Jianlong Street, Baoan Community, Yuanshan,  
Longgang District, Shenzhen City, Guangdong Province, P.R.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

