

User Manual

Lavalier Microphone
LMD-01W

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

A microphone is an electroacoustic device designed to convert acoustic vibrations into an electrical signal.

Safety Precautions

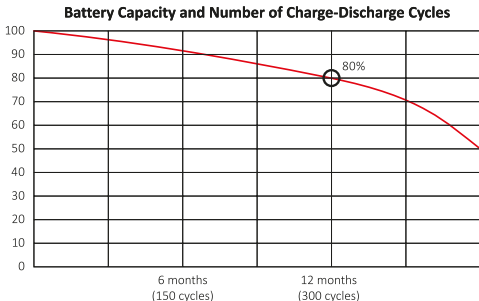
- Do not place the device near water sources or heating elements.
- The microphone is a highly sensitive device. Protect it from drops, impacts, and other damage that could degrade recording quality.
- Use only original accessories.
- This device is not intended for use by children or persons with reduced 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.

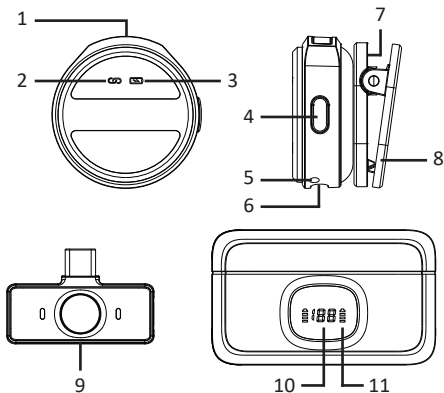
Specifications

- Model: LMD-01W.
- Trademark: DEXP.
- Microphone type: Lavalier.
- Polar pattern: Omnidirectional.
- Battery type: Li-pol.
- Impedance: 1.15 k Ω .
- Signal-to-noise ratio: 65 dB.
- Sensitivity: -38 dB.
- Ports: Type-C.
- Scope of application: Domestic.

Package Contents

- Device.
- Windscreen ($\times 2$).
- USB Type-C to Lightning adapter.
- USB Type-A to Type-C cable.
- User manual.

Device Diagram

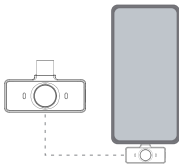


- | | |
|--------------------------|----------------------------------|
| 1. Microphone. | 7. Hanging hole. |
| 2. Connection indicator. | 8. Magnetic clip. |
| 3. Charging indicator. | 9. Receiver. |
| 4. Multifunction button. | 10. Case charge indicator. |
| 5. Charging contact. | 11. Microphone charge indicator. |
| 6. Type-C charging port. | |

Operating Instructions

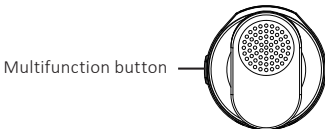
Quick Start Guide

1. Plug the receiver into your smartphone's Type-C port (use the included adapter to connect to a Lightning port). Both indicators on the receiver will light up.

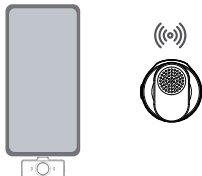


Note: On some smartphone models, you may first need to locate and enable the OTG (On-The-Go) function in the settings for the microphone to work.

2. To turn on the microphone, hold down the multifunction button, or remove it from the charging case. The connection indicator will start flashing.

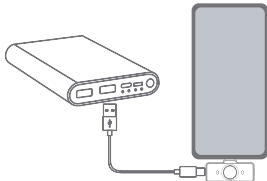


3. Once the indicators on both the microphone and the receiver are lit, the connection has been established. Open the voice recorder or any other app that uses the microphone on your smartphone and start recording.



Note: The receiver has no battery and does not need to be charged to work. The port on its side is used to charge your smartphone while recording.

CAUTION! Charging parameters: 5 V = 1 A. Fast charging is not supported.



Turning the Microphones On/Off

- **To turn on:** Hold the button on the side of the microphone for 2 seconds, or remove the microphone from the case. The «» indicator will start flashing.
- **To turn off:** Hold the button on the side of the microphone for 2 seconds, or place the microphone back in the case. The «» indicator will turn off.

Note: The microphone will turn off automatically if no connection to the receiver is established within 3 minutes of powering on.

Connecting the Microphones to the Receiver

Once you plug the receiver into the Type-C/Lightning port of your recording device, the microphones will connect to the receiver automatically.

- **Microphone indicators:**
 - No connection: The «» indicator flashes.
 - Connected: The «» indicator stays lit.
- **Receiver indicators:**
 - No connection: The indicator flashes.
 - Connecting: The indicator flashes slowly.
 - Connected: The indicator stays lit.
- **Disconnecting:** To disconnect the microphones from the receiver, unplug the receiver from the device, or place the microphones back in the case. The indicators will start flashing.

Note: Each of the two microphones has its own dedicated indicator on the receiver. If you turn on only one microphone, the corresponding indicator on the receiver will light up, while the other continues flashing for 15 seconds — indicating it is attempting to connect — before turning off.

Controlling Microphone Modes

- **Noise Reduction Mode:** Press the multifunction button once to enable noise reduction — the «» and «» indicators will light up. Press again to disable it — the indicators will return to their previous state.
- **Mute Mode:** Press the multifunction button twice to mute the microphone — all its indicators will turn off. Press twice again to unmute — the indicators will return to their previous state.
- **Reverb Mode:** Press the multifunction button three times to enable reverb — the «» indicator will start flashing slowly. Press three times again to disable it — the indicators will return to their previous state. Reverb is disabled by default.

Charge Indicators

- **Microphone:** When the battery is low, the «» indicator will flash red every 5 seconds. Place the microphone in the charging case, and the indicator will light up. Once fully charged, the indicator will turn off. Each microphone's charge level is also shown on the case as a green bar.
- **Charging Case:** The case's charge level is shown as a numeric value on its display. When the battery is low, the number will flash. Connect the case to a 5V power adapter using the included USB to Type-C cable. Once fully charged, all indicators will turn off.

CAUTION! The microphone requires a $6\text{ V} = 50\text{ mA}$ power source for charging. Never connect it to a charger with different specifications.

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. 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: Dongguan City Yinke Electronic Factory.
Lin Village, Liyatan Industrial Zone, Tangxia Town, Dongguan City, Guangdong Province, China.

Made in China.

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



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

