

USER'S GUIDE

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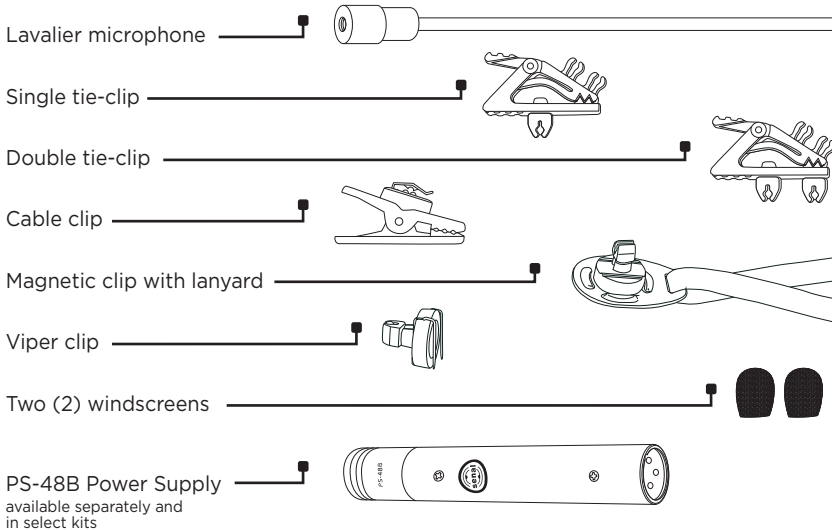
CL6

**BROADCAST OMNIDIRECTIONAL
LAVALIER MICROPHONE**

Thank you for choosing Senal.

The Senal CL6 is a broadcast-quality, omnidirectional lavalier microphone ideal for TV, film, and stage applications. The CL6 is designed with a twisted pair cable that is packed with nylon yarn and protected with a high-density spiral shield. This cable design, combined with a durable and compact capsule housing, delivers ultra-low handling noise. With a head diameter of only 4 mm, the CL6 is easy to conceal in wardrobes or props for onscreen and onstage use. The omnidirectional polar pattern captures a natural sound with minimal sensitivity to head turns, allowing flexible positioning for recordings, broadcasts, and presentations. Included windscreens and a variety of clips provide a host of options for placement. The frequency response is tailored for use outside or underneath light clothing. Designed to connect to a wireless body pack, the CL6 can also be combined with the Senal PS-48B Power Supply to operate on phantom or battery power, affording compatibility with any XLR microphone input.

Overview



Precautions

- Please read and follow these instructions and keep this manual in a safe place.
- Keep this product away from water and all flammable gases or liquids.
- Do not attempt to disassemble or repair this product.
- Handle this product with care.
- Clean this product with only a soft, dry cloth.
- Make sure that this product is intact and that there are no missing parts.
- All photos are for illustrative purposes only.

Replacing the Battery in the Power Supply

The Senal PS-48B Power Supply runs on an LR44 battery. To replace the battery, follow these instructions:

1. Open the battery compartment cover from the notch at the base of the microphone.
2. Rotate and open the battery compartment as shown by the arrow on the power supply.
3. Remove the old battery if necessary and insert a fresh battery in the orientation indicated on the battery compartment.
4. Close the battery compartment and lock it by rotating it in the opposite direction of the arrow on the power supply.



Specifications

Transducer:	Back Electret Condenser
Polar pattern:	Omnidirectional
Frequency response:	20 Hz to 20 kHz
Sensitivity:	-53 dB \pm 3 dB (0 dB = 1 V/ μ bar @ 1 kHz)
Impedance:	2,000 Ω \pm 30% @ 1 kHz
Signal-to-noise ratio:	24 dB(A)
Maximum input sound level:	120 dB
Operating voltage:	1 to 10 V DC
Housing material:	Brass
Weight:	0.4 oz. (11.3 g)
Head dimensions:	0.33" \times 0.16" (8.37 \times 4 mm)
Cable diameter:	0.05" (1.27 mm)

CL6 Connector and Kit Options

The CL6 is available with the following connector and kit options:

- CL6-3.5H Lavalier Microphone with 3.5 mm Connector for Sennheiser Evolution series
- CL6-3.5N Lavalier Microphone with 3.5 mm Connector for Sony UWP series
- CL6-TA4 Lavalier Microphone with TA4 Connector for Shure transmitters
- CL6-TA5 Lavalier Microphone with TA5 Connector for Lectrosonics transmitters
- CL6-HRS Lavalier Microphone with 4-pin Hirose Connector for Audio-Technica transmitters
- CL6-3.5H-P Lavalier Microphone with 3.5 mm Connector for Sennheiser with Senal PS-48B Power Supply
- CL6-3.5N-P Lavalier Microphone with 3.5 mm Connector for Sony with Senal PS-48B Power Supply
- CL6-TA4-P Lavalier Microphone with TA4 Connector for Shure transmitters with Senal PS-48B Power Supply
- CL6-TA5-P Lavalier Microphone with TA5 Connector for Lectrosonics transmitters with Senal PS-48B Power Supply
- CL6-HRS-P Lavalier Microphone with 4-pin Hirose Connector for Audio-Technica transmitters with Senal PS-48B Power Supply

One-Year Limited Warranty

Senal provides a limited warranty to the original purchaser that this product is free from defects in materials and workmanship under normal consumer use for a period of one (1) year from the original purchase date or thirty (30) days after replacement, whichever occurs later. Senal's responsibility with respect to this limited warranty shall be limited solely to repair or replacement, at Senal's discretion, of any product that fails during normal consumer use. Inoperability of the product or part(s) shall be determined by Senal. If the product has been discontinued, we reserve the right to replace it with a model of equivalent quality and function.

To obtain warranty coverage, contact Senal to obtain a return merchandise authorization ("RMA") number, and return the defective product to Senal, along with the RMA number and proof of purchase. Shipment of the defective product is at the purchaser's own risk.

This warranty does not cover damage or defect caused by misuse, neglect, accident, alteration, abuse, improper installation or maintenance. EXCEPT AS PROVIDED HEREIN, SENAL MAKES NEITHER ANY EXPRESS WARRANTIES NOR ANY IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. This warranty provides you with specific legal rights, and you may also have additional rights that vary from state to state.

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