

Palomar® SL41

PROFESSIONAL HANDHELD MICROPHONE USER GUIDE

The Palomar SL41 is a professional grade handheld microphone for mobile and base transceivers. The SL41 is an active circuit microphone that uses a factory installed AAA battery to energize its noise cancelling electret element. Battery drain is minimal and a single AAA battery will last over 1 year under normal conditions.

INSTALLATION and OPERATION

1. The SL41 comes wired and ready to use for 4 pin wired CB radios.
2. Insert the SL41's 4 pin microphone plug into the radio's microphone jack. Make sure that the microphone plug is firmly pushed into the radio's jack, then screw the plug's threaded ring onto the microphone jack.
3. To transmit press the Push-To-Talk (PTT) lever on the side of the SL41. To receive, release the PTT switch.
4. For optimum performance, speak into the center of the SL41 grill and hold the microphone so that the rubber lip guard barely touches your upper lip. *Note, optimal distance from mouth will vary depending on level of speaking voice, background noise, etc.*
5. The SL41 is factory wired with the standard 4 pin radio wiring. If your radio requires a different wiring, the SL41 can be rewired by a qualified technician. Below is the color code for the SL41 microphone cable.

Shield	Ground (PTT)
Red Wire.....	Transmit (PTT)
White Wire (center conductor).....	Microphone Audio
White Wire Shield	Ground (Mic Audio)
Blue Wire	Receive Audio
Black Wire	extra wire (not connected)
Yellow Wire	extra wire (not connected)

BATTERY INSTALLATION

1. The SL41 comes with a factory installed AAA battery that will last over 1 year under normal operating conditions. Battery draw only occurs during transmit.
2. The first sign of the battery needing to be replaced is poor transmit audio quality.
3. To replace the battery, remove the 3 case screws on the back side of the SL41.
4. With the front of the microphone down, carefully open the case so that no wires or internal components are strained or moved.
5. Locate the AAA battery and carefully replace it with a new high quality, alkaline AAA battery (1.5v DC).
6. Reassemble the microphone making sure that no internal wires are pinched between the case halves.

