



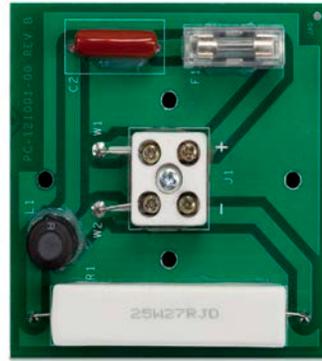
Q-Sys

Accessory

PTL-1 Pilot Tone Load

Features

- Pilot tone detection on 70/100V loudspeaker circuits using QSC DataPort and CXD platform amplifiers
- Ceramic screw-down connector block
- Fuse protects circuit against excessive current
- Versatile install adapter plate included
- Fits most plenum rated electrical boxes

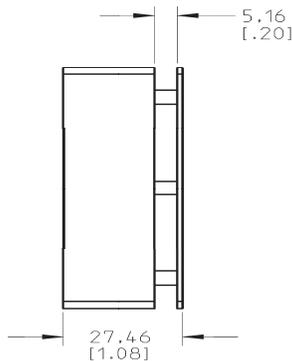
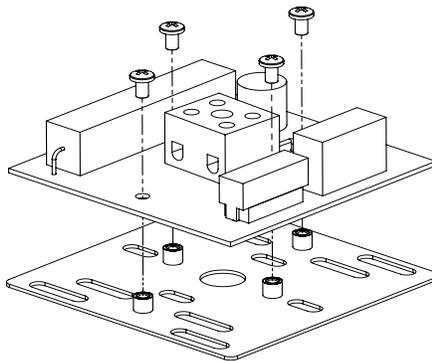


The PTL-1 is a Q-Sys accessory that provides an end-of-line 22 kHz impedance soak for 70/100V loudspeaker circuits. Used in combination with a QSC DataPort-equipped amplifier or CXD platform amplifier, the PTL-1 becomes a vital component for monitoring of a distributed loudspeaker line.

Q-Sys monitors the integrity of a loudspeaker line by transmitting a 22 kHz pilot tone (outside the audible range of human hearing and undetectable amidst the program material) and continually sensing the impedance of the PTL-1 installed at the far end of the line.

A significant drop in impedance will indicate a short circuit in the line, while an impedance rise will indicate a break or other open-circuit fault. With each detected failure, Q-Sys can generate a time-stamped entry in its Event Log and can be programmed to trigger an alert message.

The operator can also choose when the pilot tone and monitoring is run; for example, on command during maintenance checks, or continuously for real-time diagnostics.



Specifications:

Inputs	1
Voltage	70/100V loudspeaker line
Center Frequency	22 kHz
Connector	Ceramic screw-down
Dimensions	3.3" x 3.3" x 1" (84 x 84 x 25 mm)
Weight	Approx. 0.06 lb (0.03 kg)

