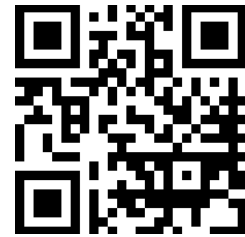# switch back M8RX™

POE Power Injector

OVERVIEW

The Switch Back M8RX **POE Power Injector** provides 18 watts of 48 volt PoE+ power @ 375ma. The supply is universal, and can handle voltage inputs anywhere from 90 to 264 VAC, 50 or 60Hz.

This accessory includes:

- (1) Universal Power Supply
- (1) Power Cord
- (1) RJ45 Breakout Cable (standard T-568-B pinout)

CONNECTING

1. Insert the power supply male barrel connector into the corresponding female connector on the Breakout cable.

2. Plug the Breakout cable's male RJ45 connector into your network switch or computer.

3. The female RJ45 on the Breakout cable accepts your CAT5e or CAT6 cable connected to your PoE device.

NOTE: The male RJ45 on the Breakout cable does not transfer power. It handles data only. Power is present ONLY at the female RJ45 receptacle.
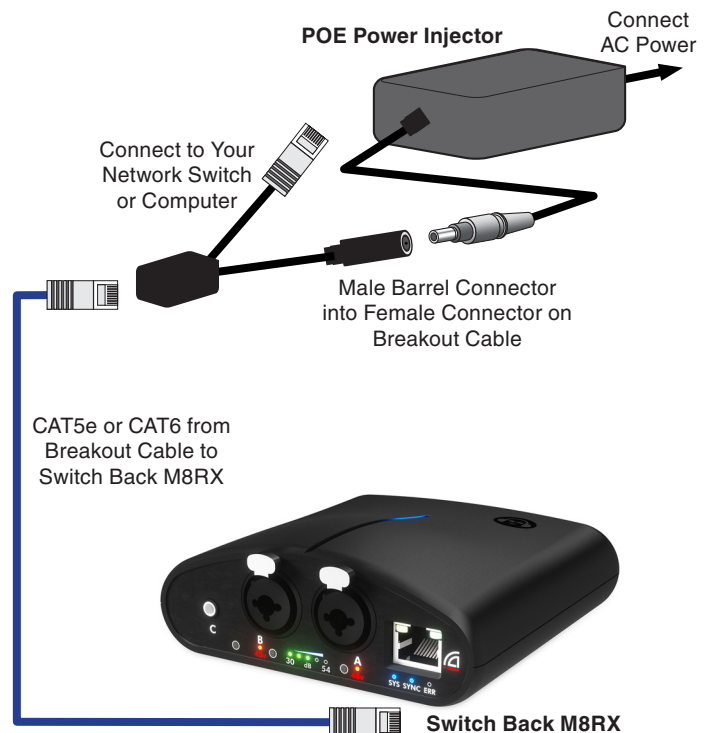
TROUBLESHOOTING

Device is not seeing PoE+ power	• Round barrel connector is not plugged in all the way. • The CAT cable being used is not wired to the T-568-B or A standard. Try a cable that meets these standards. • RJ45 connectors on the Breakout cable are connected in reverse. Remember the male connector does not supply power.
Device drops out or shuts down randomly	• The device may be drawing too much power. Try a different injector to determine of the supply is bad or something is wrong with the device

TECHNICAL SPECIFICATIONS

Injector Form:	Desktop Class 1
Voltage Input:	90-264 VAC
Voltage Output:	48VDC
Current Output:	375ma Maximum
No Load Power Consumption:	75mW (Max)
Operating Temp:	-20 C to approx. 40 C
Input Connector:	IEC 320-C14
Dimensions (Injector):	3.43" L x 1.85" W x 1.26" H
	(87.0mm x 47.0mm x 32.0mm)

HOOK-UP DIAGRAM

POE Power Injector

Connect AC Power

Connect to Your Network Switch or Computer

Male Barrel Connector into Female Connector on Breakout Cable

CAT5e or CAT6 from Breakout Cable to Switch Back M8RX

Switch Back M8RX