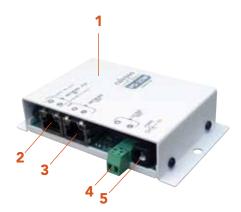
PD-20W HIGH-POWER POE EXTRACTOR



1 Keeps paging and other emergency alert functions running during a power outage

Unlike typical POE extractors, the PD-20W supplies amplifiers with the higher peak power levels they require. Offers 12VDC pass-through power for amplifier support when POE is not required, then automatically and instantly switches to POE if mains power fails.

Works with any qualified third-party POE midspan injector and POE-enabled network switch

Supports variable POE requirements and network connectivity for CM3000, CM800 and CM800S. Installs as a bridge between the POE cable and the network endpoint, and breaks out both network and power signals from the incoming cable, sending them on as needed for amplifier support.

- 2 Network power/data input
- 3 Network pass-through output
- 4 11.2V / 1.34A (15W) output
- 5 12VDC input

Lead Free

SPECIFICATIONS

Network support: 10/100Mb/s (auto sensing) **Power supply:** 12VDC at 3.5A **Size (WxHxD):** 10.8 x 6.4 x 2.3cm/4.25 x 2.5 x .91in

INPUTS/OUTPUTS

- (1) RJ45 network input jack
- (1) RJ45 network output jack
- (1) captive screw power output terminal
- (1) power input jack input/output terminal (3 position)

MIDSPAN INJECTOR REQUIREMENTS

POE Type: High Power Midspan Injector **POE Standard:** POE IEEE 802.3af

Device Pin-out: 1pins 4,5 DC power (+), pins 7, 8 DC power (-)

POE Protection: Over Temp, Over Current, Over/Under Voltage

Shielded RJ-45 Ports: 16 or 24 Ports

Power: > 15W per Port (e.g., Tycon 16.8E, 350mA @48V)

Product Specifications

integrated classroom systems

Which system fits your needs?

Conductor

Efficient network paging & control



ezroom
Manage all your teaching



IP Paging, Bells, & Controls		
Networkable	Yes	Yes
Intercom	Yes	Yes
Paging	Yes	Yes (as endpoint)
Page Override	Yes (IP only)	Yes
Bells/Alerts	Yes	Yes (as endpoint)
Coordinated Emergency Actions	Yes	No
Scheduled Actions	Yes	Yes
Remote Update	Yes	Yes
Customizable via Software	Yes	Yes
Integrated AV Control & Management		
Asset Management Software	Yes	Yes
Network/Serial/IR Device Control	Yes	Yes
Video Inputs	N/A	2-3
Client System Control Software	N/A	Yes
Installed Amplification		
Teacher Voice Priority Feature	N/A	Yes
Audio Inputs	Multiple	3-6 (installer-accessible) 2-3 (user-accessible)
Rack Mountable	Yes (server)	N/A
Audio Output (PFM/Podcasting)	N/A	1
Integrated Speaker Line Array	Available	Available
Features		
Number of Systems per School	1 (250 endpoints)	Unlimited
Touch-Screen Interface	Yes	Available
Lead Free/RoHS Compliance	Yes	Yes
SmartCharge Fail Safe Battery System	N/A	Yes
Simultaneous Mic Channels	N/A	2
Microphone Channel Choices	N/A	2
External Sensor Inputs	N/A	2
Optional Student Microphone	N/A	Yes
Transmission Technology	IP (streaming)	Infrared (microphones)
Platform	Digital	Digital
Warranty	3 Years	3-5 Years



LOCATIONS

Australia

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