Bogen Black Max X450 2-Channel 70V Power Amplifier, 450 W/ch

SL-X450

AMPLIFIERS

Two-channel, 2RU rack-mount 70V power amplifier rated 450 W per channel, part of Bogen's Black Max series. We use it to drive large 70V paging and background-music speaker runs (warehouses, plants, campuses) from a separate mixer, paging controller or Nyquist/IP source.





OVERVIEW

Channels	2 (dual 70V)
Power output	450 W per channel @ 70V
Class	H (per Full Compass listing)
Rated load impedance	11 ohms per channel
Output voltage	70V (25V and 4-ohm outputs are not listed in the Bogen spec sheet)

AUDIO

Frequency response @ 1 W	20 Hz-20 kHz, +/-0.25 dB
Power bandwidth	20 Hz-40 kHz, <0.5% THD

THD @ 1 kHz rated power	<0.02%
S/N (20 kHz BW)	104 dB ref. 70V, flat
Inputs	10k ohm electronically balanced, 3-pin pluggable screw terminals; sensitivity 1V/0.1V
Low-cut filter	60 Hz, 2nd order, switch-defeatable per channel (FC listing)

ELECTRICAL

AC input	95-130 VAC, 60 Hz
Maximum AC current	15 A
Line cord	15 A
Heat output (full power)	1537 BTU/hr
Protection	RF, DC, low-frequency, thermal, low-impedance, short circuit, circuit breaker, clip limiting (FC listing)

PHYSICAL

Dimensions (W x H x D)	17" x 3-1/2" x 18-1/4" (without rack brackets)
Rack space	2 RU
Weight	44 lb
Cooling	Dual forced-air, variable-speed fans (FC listing)

COMPLIANCE

Safety	UL 60065 (US and Canada)

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