



Features

- Rated Power per channel at 4Ω: 320 Watts (DMX 802)
- Rated Power per channel at 4Ω: 560 Watts (DMX 1502)
- Rated Power per channel at 4Ω: 1190 Watts (DMX 2502)
- Rated Power per channel at 4Ω: 1850 Watts (DMX 5002)
- DMX 802 and 1502 (Class AB Amplifiers)
- DMX 2502 and 5002 (Class D Amplifiers)
- Signal and Clip LED indicators to monitor performance
- Speakon outputs
- Protection circuitry prevents damage from short circuit, thermal, sensitivity, overload protection, output DC offset, soft start protection, and limiting protection
- 2RU-height

Description

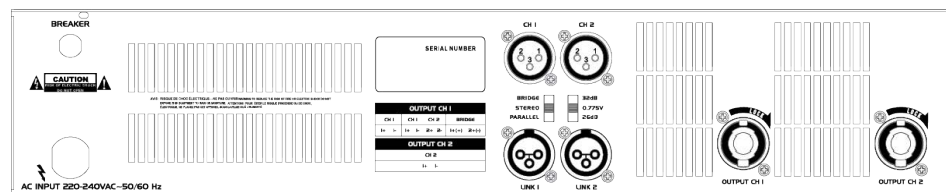
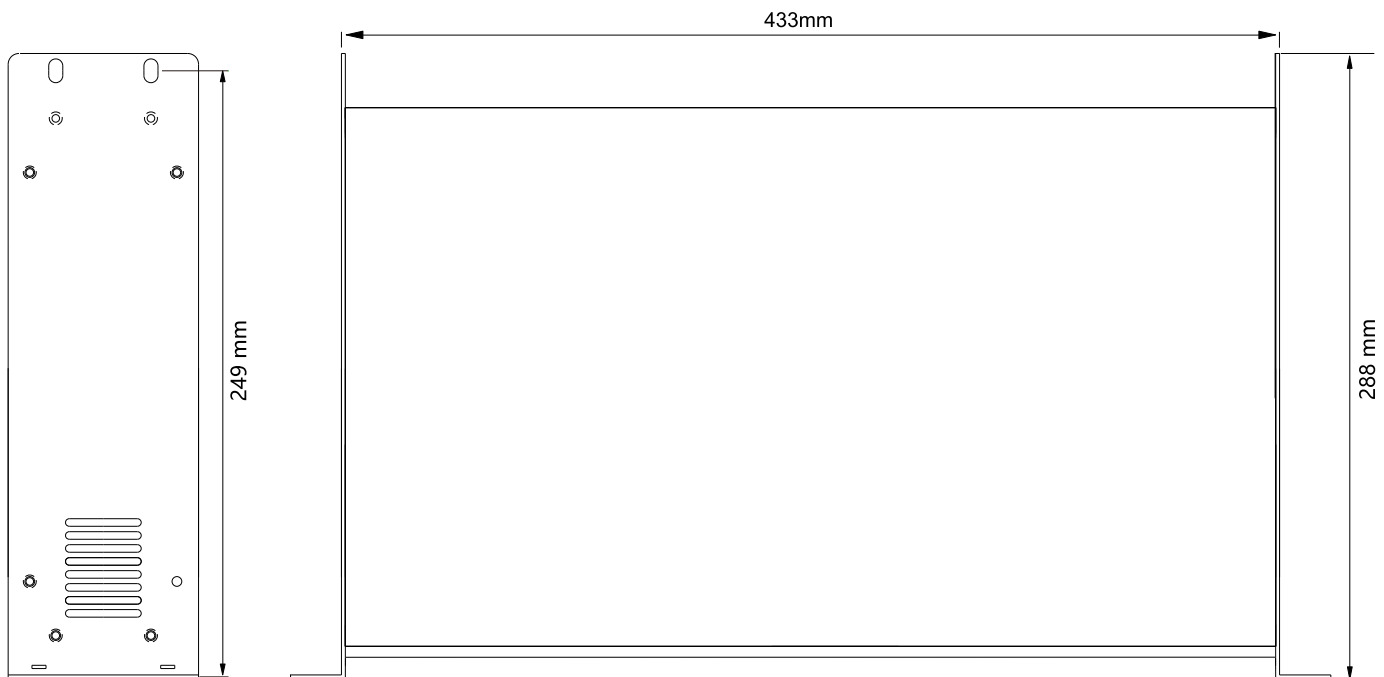
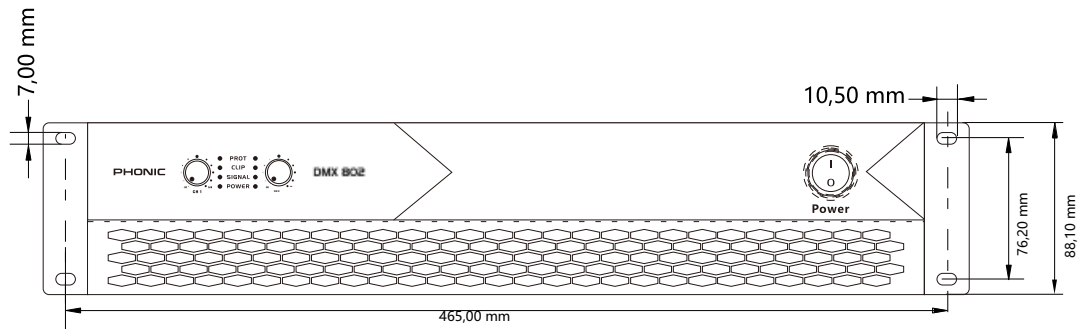
Taking advantage of its huge heat sink as well as its variable speed fan that auto-adjusts fan speed depending on the temperature of the machine during operation, Phonic DMX series power amplifiers are always able to perform. Its professional quality output and its sturdy case design make this unit great for various locations like churches, concert tours, stages, or any place that requires amplifier installation.

DMX SERIES

Dimensions

POWER AMPLIFIER

DMX 802 | DMX 1502 | DMX 2502 | DMX 5002



DMX SERIES

Specifications

POWER AMPLIFIER

DMX 802 | DMX 1502 | DMX 2502 | DMX 5002

		DMX 802	DMX 1502	DMX 2502	DMX 5002
Output power (1KHz,THD<1%, all channel drive)	8 Ω stereo	200W*2	400W*2	850W*2	1300W*2
	4 Ω stereo	320W*2	560W*2	1190W*2	1850W*2
	2 Ω stereo	450W*2	780W*2	1490W*2	2300W*2
	8 Ω Bridge	480W	960W	2010W	3500W
	4 Ω Bridge	680W	1350W	2700W	4200W
Amplifier Protection	DC protection	√	√	√	√
	Short circuit protec- tion	√	√	√	√
	Sensitivity overheat management system	√	√	√	√
	Overheating protec- tion	√	√	√	√
	Input overload pro- tection	√	√	√	√
	over load protection	√	√	√	√
	Soft start protection	√	√	√	√
	Limiting protection	up to 10V	up to 10V	up to 10V	up to 10V
Frequency Response (1W, 8 Ω, 20Hz, 20kHz)		(±0.5dB)	(±0.5dB)	(±0.5dB)	(±0.5dB)
Sensitivity (8 Ω, 1KHz)		0.775v/26 dB/32 dB	0.775v/26 dB/32 dB	0.775v/26 dB/32 dB	0.775v/26 dB/32 dB
Connectors	Input/Link	XLR	XLR	XLR	XLR
	Output	SPEAKON	SPEAKON	SPEAKON	SPEAKON
Input impedance	Balanced	20KΩ	20KΩ	20KΩ	20KΩ
	Unbalanced	10KΩ	10KΩ	10KΩ	10KΩ
Signal-to-Noise Ratio (A weight, rated pow- er 8 Ω)		≥105dB	≥105dB	≥108dB	≥108dB
Damping factor (8 Ω, 1KHz)		≥900	≥900	≥900	≥900
Intermodulation Distortion (20Hz, 20kHz, half power)		≤0.02%	≤0.02%	≤0.02%	≤0.02%
Total Harmonic Distortion (20Hz, 20kHz; half power)		≤0.03%	≤0.03%	≤0.05%	≤0.07%
Phase Response (1W, 8 Ω, 20Hz, 20kHz)		≤±1.5°	≤±1.5°	≤±1.5°	≤±1.5°
Slew Rate		≥60V/μs	≥60V/μs	≥60V/μs	≥60V/μs
Output Circuit Topology		AB			CLASS-D
Installation space		2U			
Cooling		The fully intelligent system automatically adjusts to temperature changes			
Dimensions (WxHxD)		482×88×290mm			
Weight		9.5 kg	10.0 kg	14.0 kg	18.0 kg