

XH200

Distribution Power Amplifier



XH200

Rear Panel

2U



Compact, lightweight 200W + 200W distribution power amp for installed systems.

- Two-channel high-output power amp can be switched between 70V and 100V line operation (200W x 2 channels into 24 - 70V / 48 - 100V).
- Designed for installations in which multiple speakers are driven in parallel.
- High-efficiency switching power supply contributes to compact 2U size and 10 kg weight.
- Rear-panel MONITOR/REMOTE connector allows the unit to be controlled or monitored from a remote location.
- dB-calibrated detented attenuators for each channel.
- A comprehensive range of protection circuitry and indicators ensures operational stability and safety under the widest possible range of conditions.
- Euroblock input connectors and barrier-strip output connectors allow simple, secure input and output connection.
- High pass filters with switchable 40 Hz or 80 Hz roll-off provide an extra margin of system flexibility.

GENERAL SPECIFICATIONS

Model		XH200
Output Power	20Hz – 20kHz	70V/channel RL=25Ω 200W x 2
	THD+N=0.1%	100V/channel RL=50Ω 200W x 2
Sensitivity (dBu)	Att.max	+4.0
S/N Ratio	20Hz-20kHz (DIN AUDIO)	103dB
Idle Power Consumption		40W
1/8 Power Consumption (25Ω)		400W (70V)
THD+N	20Hz – 20kHz, half power	0.1%
Intermodulation Distortion	60Hz: 7kHz, 4:1, half power	0.1%
Frequency Response	8Ω, Po=1W,HPF=OFF	MAX 0dB, TYP 0dB, MIN -0.5dB HPF=40Hz 80Hz-20kHz
Channel Separation	Half power RL=8Ω 1kHz	ATT. Max input 600Ω shunt 60dB
Residual Noise	20Hz-20kHz (DIN AUDIO)	-65dB
Voltage Gain	ATT. max	38dB(100V), 35dB(70V)
Maximum Input Voltage		22dBu
Input Impedance		20kΩ (balanced) 10kΩ (unbalanced)
Controls	Front panel	POWER switch (push on/push off), attenuator (31position) x 2
	Rear panel	MODE switch (70V/100V) x 1, HPF switch (40Hz/80Hz 12dB/oct) x 1
Connectors	Input	Euroblock (balanced)/ch
	Output	Barrier strip/ch
	DATA PORT	D-sub15P, Monitor:Output Level/ch,Active/ch, Model Detect Control:Mute/ch
	Power	AC inlet x 1
Indicators	POWER/STAND BY	x 1 (Green/Orange)
	SIGNAL	x 2 (Green)
	CLIP/LIMIT	x 2 (Red)
	PROTECT/MUTE	x 2 (Red)
Load Protection		POWER switch on/off mute, DC-fault output relay off
Amplifier Protection		Thermal (heatsink temp ≥ 90°C), VI limiter (RL ≤ 16Ω)
Limiter Circuit		clip limiting,THD ≥ 0.5%
Cooling		Variable speed fan x 1
Power Requirements		120V / 60Hz, 230V / 50Hz, 240V / 50Hz
Dimensions (W x H x D)		480 x 88 x 412 mm (18-7/8" x 3-7/16" x 16-1/4")
Weight		9.8kg (21.6 lbs.)
Included Accessories		Power cord, Security cover, Owner's Manual, 3-pin Euroblock connector x 2

*1: 1/8 Power = 9dB below rated power

*2: Half Power = 3dB below rated power

*3: 0dBu = 0.775Vrms

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DIMENSIONS

unit : mm

