

# 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 24Ω-70V / 48Ω-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

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

