

XH200

Distribution Power Amplifier



XH200



Rear Panel

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 24W-70V / 48W-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

Output Power	Constant Voltage Line	100V Line (RL=50Ω)	200W x 2
		70V Line (RL=25Ω)	200W x 2
Voltage Gain			38dB (100V)/35dB (70V)
Input Sensitivity	RL=8Ω		+4dBu
S/N Ratio	20Hz-20kHz, DIN AUDIO		103dB
Power Consumption	1/8 power (4Ω pink noise)		400W
	Idle		40W
	Standby		5W
THD+N	40Hz-20kHz, 1/2 power, RL=4Ω		Less than 0.1%
Frequency Response	Po=1W, HPF=40Hz, 80Hz-20kHz		+0dB, -0.5dB
Crosstalk	1kHz, half power, Att. max, input 600Ω shunt		Less than -60dB
Maximum Input Level			+22dBu
Input Impedance			20kΩ (balanced), 10kΩ (unbalanced)
Controls	Front Panel		POWER switch x 1 (push on/push off), Attenuator x 2 (31position)
	Rear panel		OUTPUT VOLTAGE switch x 1 (100V/70V), HPF switch x 1 (40Hz/80Hz, 12dB/oct)
Connectors	Input		Euroblock connector x 2 pairs (balanced)
	Output		Barrier strip x 2 pairs
	Monitor/Remote		D-SUB 15P x 1
	AC IN		AC inlet x 1
Indicators			POWER/STAND-BY x 1 (Green/Orange), PROTECT/MUTE x 2 (Red), SIGNAL x 2 (Green), CLIP/LIMIT x 2 (Red)
Load Protection			POWER switch on/off mute, DC-fault: Output relay Off (Restored automatically), Clip limiting: THD ≥ 0.5%
Amplifier Protection			Thermal: Output Mute (heatsink temp ≥ 90°C) (Restored automatically), VI limiter (RL ≤ 16Ω): Output limit
Power Supply Protection			Thermal: Amplifier shuts down automatically (Operation not restored automatically, heatsink temp ≥ 90°C)
Cooling Fan			Variable-speed fan x 1
Power Requirements			120V, 220V-240V; 50Hz/60Hz
Dimensions (WxHxD)			480 x 88 x 412mm (18-7/8" x 3-7/16" x 16-1/4")
Weight			9.8kg (21.6lbs)
Included Accessories			Power cable x 1, Security cover x 1, Euroblock connector x 2 (3P), Owner's manual

* Half power = 1/2 power output level

DIMENSIONS

unit : mm

