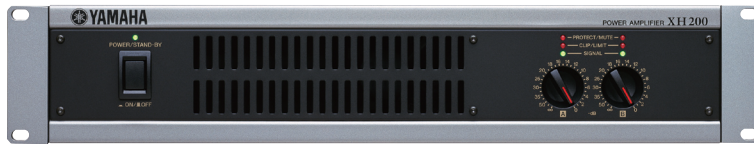


# XH200

## Distribution Power Amplifier



# XH200



2U

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

<b>Output Power</b>	High Impedance	100V Line (RL=50Ω)	200W x 2
		70V Line (RL=25Ω)	200W x 2
<b>Voltage Gain</b>			38dB (100V)/35dB (70V)
<b>Input Sensitivity</b>	RL=8Ω		+4dBu
<b>S/N Ratio</b>	20Hz-20kHz, DIN AUDIO		103dB
<b>Power Consumption</b>	1/8 power (4Ω pink noise)		400W
	Idle		40W
	Standby		5W
<b>THD+N</b>	40Hz-20kHz, 1/2 power, RL=4Ω		Less than 0.1%
<b>Frequency Response</b>	Po=1W, HPF=40Hz, 80Hz-20kHz		+0dB, -0.5dB
<b>Crosstalk</b>	1kHz, half power, Att. max, input 600Ω shunt		Less than -60dB
<b>Maximum Input Level</b>			+22dBu
<b>Input Impedance</b>			20kΩ (balanced), 10kΩ (unbalanced)
<b>Controls</b>	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)
<b>Connectors</b>	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
<b>Indicators</b>			POWER/STAND-BY x 1 (Green/Orange), PROTECT/MUTE x 2 (Red), SIGNAL x 2 (Green), CLIP/LIMIT x 2 (Red)
<b>Load Protection</b>			POWER switch on/off mute, DC-fault: Output relay Off (Restored automatically), Clip limiting: THD ≥ 0.5%
<b>Amplifier Protection</b>			Thermal: Output Mute (heatsink temp ≥ 90°C) (Restored automatically), VI limiter (RL ≤ 16Ω): Output limit
<b>Power Supply Protection</b>			Thermal: Amplifier shuts down automatically (Operation not restored automatically, heatsink temp ≥ 90°C)
<b>Cooling Fan</b>			Variable-speed fan x 1
<b>Power Requirements</b>			120V, 220V-240V; 50Hz/60Hz
<b>Dimensions (WxHxD)</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 cable x 1, Security cover x 1, Euroblock connector x 2 (3P), Owner's manual

\* Half power = 1/2 power output level

## DIMENSIONS

