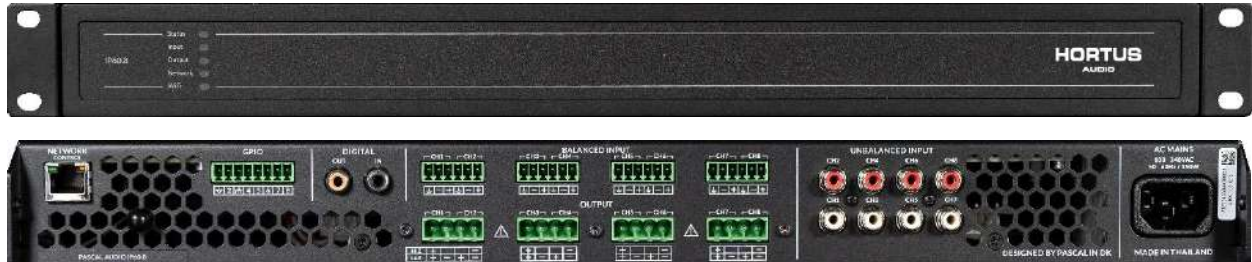


IP8.60 and IP8.125

The Hortus IP series is a series of multi-purpose installation amplifiers. The amplifiers have built in Wireless-Access-Point (WAP) for the simple configuration via WiFi.



- ✓ **DSP** - full matrix DSP embedded and controlled via TCP/IP
- ✓ **Targeted Constant Voltage** - Optimal hybrid of Lo & Hi-Z performance
- ✓ **Master / Slave functionality** - S/PDIF link to multiple amps
- ✓ **Power share** - Support power sharing up to 250W per channel
- ✓ **Reduce time to market** - MP delivered 3-months from project start
- ✓ **Reduced NRE cost** - Pay only NRE fees for required certification
- ✓ **Certified** - Safety approved, EMC & EuP compliant & Energy Star*
- ✓ **Market proven reliability** - Based on Pascal's proven technologies

Applications

Bars, Cafes & Restaurants

The combination of small size and high power per channel flexibility makes IP series especially good for installing in Bars, Cafés, and restaurants. Easy to set up system with 8 channels in either Hi-Z or Low-Z and power to cover any room size.

Restaurants

Restaurant's use sound as part of the dining experience, and many have dynamic needs for the sound level. Some have bar areas where they need more sound pressure, and then have cosy eating areas where they need less. IP is ideal - as it delivers the power required, with 8 channels in Hi-Z or Low-Z to cover any room size.

Retail stores

Retail stores have background sound (or sound branding) where music is matched to the profile of store. This leads to a wide range of sound demand - a furniture store with cool background sound, a stylish clothes shop with medium pressure or a trendy juice bar with need for more power! IP fits all these needs as the required power can be utilised where needed - with both Hi-Z and Low-Z simultaneously.

Fitness Centres

Fitness locations demand excellent sound with great system flexibility. Background tracks play in a gym & workout area, soft sounds in yoga classes - then heart racing power in the spinning & CrossFit classes!

Hotels & Education Sites

For hotels and education sites that have auditoriums, theatres, large dining spaces, and multiple large meeting rooms - complete flexibility of available power is needed.

Corporate

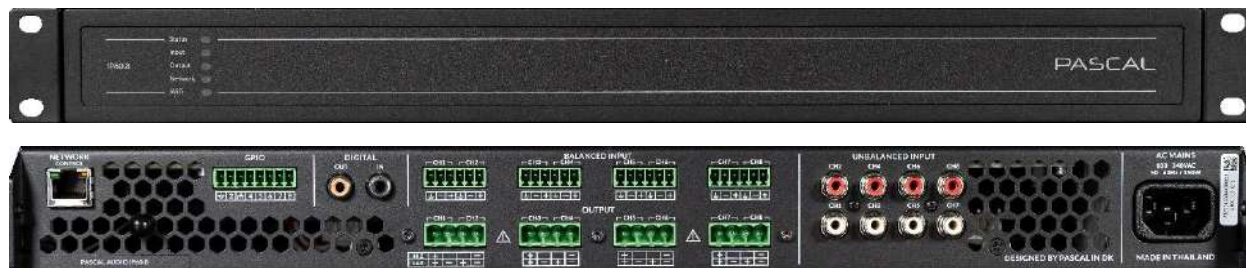
The corporate space has many different applications - open office spaces, sound for board & conference rooms, meeting areas of any size - plus warehouses, cafeteria & break areas. IP an ideal choice as one amplifier can cover all these needs.

House of Worship

House of Worship needs reliable, high-quality amplification of voice, and at the same time the amplifier should cover a large distribution area with many specialized speakers. IP is perfect for house of worship sites - due to the high quality of amplification at medium power levels, delivering superior speech intelligibility



IP8.60 and IP8.125



Model	IP8.60	IP8.125
Channels	8 x Lo-Z / 4 x Hi-Z	8 x Lo-Z / 4 x Hi-Z
Output power @ 4Ω/8Ω	8 x 60 W	8 x 125 W
Output power @ 70V/100V*	4 x 125 W	4 x 250 W
Powershare (up to) <i>Across all channels**</i>	4 x 125 W	4 x 250 W
Total System Power	500 W	1000 W
Power Consumption	150 W	300 W
Dimensions	44.5 x 440 x 320 mm (1.75 x 17.32 x 11.50 in)	44.5 x 440 x 320 mm (1.75 x 17.32 x 11.50 in)
Weight	3.6 kg (7.8 lbs)	3.6 kg (7.8 lbs)
Output Circuitry	UMAC™ Class D - full bandwidth PWM modulator with ultra-low distortion	
Output Voltage	45 Vrms (Lo-Z) - 70/100V (Hi-Z)	
Signal To Noise-Ratio	> 106 dB (A-weighted, 20 Hz – 20 kHz, 8 Ω load)	
THD+N (typical)	< 0.05% (20 Hz – 20 kHz, 8 Ω load, 3 dB below rated power)	
Frequency Response	20 Hz – 20 kHz (+/- 0.5 dB, 8 Ω load, 3 dB below rated power)	
Protection Circuits	Short circuit -, DC -, Undervoltage -, Temperature- and Overload protection	
Power Supply	UREC™ universal mains switch mode power supply with Power Factor Correction (PFC) and standby converter	
Operating temperature	0 – 40 C	
Operating Voltage/Frequency	Universal Mains, 100V - 240V, 50Hz - 60Hz	
Standby Consumption	< 0.5 W	
Accessories	Rack Mount included – Pre-mounted on Amp	
Power Ratings	1 % THD @ 120 Vac and 230 Vac	

*100V line mode operates @ -1dB (≈ 90V)

** may only powershare across:

IP60.8: Ch 1/2/3/4 and Ch 5/6/7/8

IP125.8: Ch 1/2, Ch 3/4, Ch 5/6, Ch 7/8

