

IMPULSION 8 - SPECIFICATIONS

		IMPULSION 8		
Main Features	Control	Power status (Button ON/OFF) ✓ Power indication (LED, red / green) ✓		
	Protection (Blinking LED)	Overheat ✓ Overcurrent ✓ Overvoltage ✓ DC error ✓		
	Power up Electronically controlled ventilation	Trigger control or front button ✓ Using several thermal sensors ✓		
	Connectivity	Analog inputs	XLR ✓	
		Digital inputs	Digital AoIP ✓	
		Ethernet	Connected to network (DHCP or static IP) ✓	
		Trigger in, Trigger out	(Daisy chain with electronic delay) ✓	
Remote monitoring via ISP processor user interface		Serial number settable ✓ IP address ✓ Amplifier model ✓ Temperature ✓ Fan speed ✓ Power status and control ✓ Mute status ✓ Protection / malfunction ✓		
	Specifications	Amplifier class	Pascal Audio	
		Channel configuration	Class D SE - 8 (Normal) BTL - 4 (Bridged)	
	Output power 2 channels driven	RMS 8 Ω : 1 kHz 0.1% distortion	200W	800 W
		RMS 8 Ω : 1 kHz 1% distortion	250 W	1000 W
		RMS 4 Ω : 1 kHz 0.1% distortion	400 W	800 W
		RMS 4 Ω : 1 kHz 1% distortion	490 W	1000 W
Output power All channels driven	RMS 8 Ω : 20 Hz - 20 kHz 0.1% distortion	200 W	800 W	
	RMS 4 Ω : 20 Hz - 20 kHz 0.1% distortion	400 W	800 W	
Frequency response	High : -3 dB CEM	50 kHz	50 kHz	
	Low : - 3 dB CEM	10 Hz	10 Hz	
Signal / Noise ratio (Bandwidth : 20 kHz) THD (20Hz-20kHz), 1 Watt to -1dB max.power Gain Damping factor Fan noise (max.)	Referred to P-rated	> 115 dB	> 115 dB	
	Standard	< 0.03%	< 0.03%	
		26 dB	32 dB	
			> 400	< 30 dB
Power Supply	Voltage range	100 to 240V		
	Type	Switching mode		
	Power supply capacity	3600W (ultra high current)		
	Range selection	Universal		
Casing	Home / rack	✓ / ✓		
	Gross weight (kg)	15,60		
	Net weight (kg)	11,60		
	Size	2RU		
	Dimensions - no ears, no feet, connectors included (cm) <i>Ears : +4 cm (2 x 2 cm) - Feet : + 2 cm</i>	42,9 x 44,2 x 8,8		
	Dimensions - with box (cm)	62 x 59 x 17		