

iD-HC Series Power Amplifiers

The inDESIGN iD-HC power amplifier series is a high powered efficient 2 Stage, Class H amplifier design-built for demanding mobile live sound and permanent installation amplification applications.

Each model features min. 4 ohms load, bridging @ 8 ohms, switchable input sensitivity, soft start, DC protection, short circuit protection, clip limiter and thermal overload protection.

Maintenance is a breeze with removal – washable front filters via the front panel. The weight is due to large transformers – sorry about that... at least your amps will have a long service life!



MODEL	iD-HC600		iD-HC800		iD-HC1200
Number of Channels	2				
Power RMS Watts 8Ω Stereo	600W		800W		1200W
Power RMS Watts 4Ω Stereo	900W		1200W		1850W
Power RMS Watts 8Ω Bridged	1800W		2400W		3900W
Amplifier Topology Category	2 STAGE, CLASS H				
Frequency Response	20Hz - 20kHz				
THD	0.05%		0.08%		
S/N Rate	>108dB				
Slew Rate	>20V/μs				
Damping Factor	300 (100Hz)				
Input Connections	2x XLR3F	PIN2 = HOT (+)	PIN3 = COLD (-)		PIN3 = GROUND
Signal Link Connection	2x XLR3M	PIN2 = HOT (+)	PIN3 = COLD (-)		PIN3 = GROUND
Input Impedance (unbal/bal)	10kΩ / 20kΩ				
Input Sensitivity VAC	0.77V / 1V / 1.44V				
Output Connections & Wiring	SPEAKON NL4 x2	CH1 +1/-1 STEREO MODE CH1 +1/-1 INPUT LINK MODE CH1 +1/+2 BRIDGE MODE		CH2 +1/-1 STEREO MODE CH2 +1/-1 INPUT LINK MODE CH2 NOT CONNECTED IN BRIDGE MODE	
Voltage Gain	36dB		38dB		
Cooling Flow	Cooling Flow Front to Rear (via dual thermo controlled fans)				
Protection	Soft Start, DC Protection, Short Circuit, Clip Limiter, Thermal Overload				
Mains Power Requirements	230V/50Hz +/- 10%				
Mains Power Connection	10 AMP PLUG / attached cable			15 AMP PLUG / attached cable	
Power Consumption RMS @ Stereo 4Ω					
AH/Watts @ Idle	0.13A / 29.9W		0.15A / 24.5W		0.17A / 39.1W
AH/Watts @ 1/8th Power	1.5A / 345W		2.0A / 460W		2.9A / 667W
AH/Watts @ 1/3rd Power	3.9A / 687W		5.3A / 1219W		7.5A / 1725W
AH/Watts @ Full Power	8.9A / 1587W		9.7A / 2231W		14.3A / 3289W
Product Dimensions (2RU) WxDxH	483 x 456 x 88 mm				
Product Weight	18.6kg		21.6kg		25.6kg
Carton Dimensions WxDxH	570 x 560 x 145 mm				
Gross Weight	19kg		24kg		28kg

Description and specifications are correct at time of printing. Maybe subject to change without notice.