



NORM SERIES

Professional power amplifier

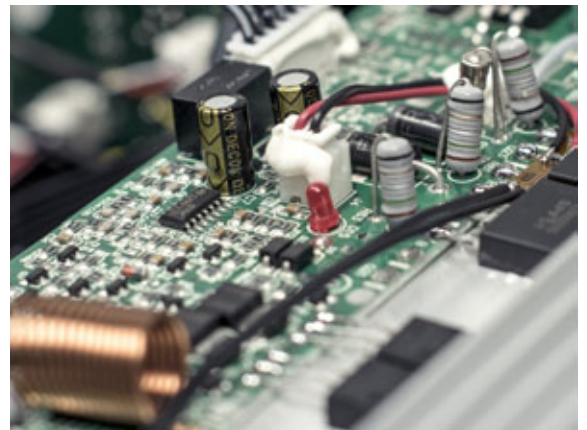
Norm series multi-channel professional amplifiers have been designed and engineered for performance where full power is required for extended time in fixed installations and portable applications. The advanced innovative MF control, protection and temperature circuit ensures system reliability and amplifier efficiency.

Norm Series delivers extraordinary performance at unmatched value.



■ Key features and benefits

- Unique Mid Frequency correction to maintain vocal position at high power output.
 - Low distortion, low noise, high speed amplification ensure clean and powerful sound.
 - Amplifier protection includes short circuit, overload, excessive temperature, and DC on outputs
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- Stereo/Parallel mode switch for convenient inputs.
 - Electronic balance XLR inputs, Touch proof binding post and Speakon outputs.
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- Precision indented level controls, power switch.
 - Protect, Peak and Signal LEDs indicators for each channel.
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- Housed in a rugged, all-steel 2U chassis.



System specification

Model	2 - channel amplifiers						4 - channel amplifiers			
	NORM2.3	NORM2.4	NORM2.6	NORM2.10	NORM4.3	NORM4.4	NORM4.6	NORM4.10		
Rated Power	(8Ω, @ 1kHz)	2 x 280W	2 x 400W	2 x 600W	2 x 1000W	4 x 280W	4 x 400W	4 x 600W	4 x 1000W	
	(4Ω, @ 1kHz)	2 x 450W	2 x 650W	2 x 1000W	2 x 1600W	4 x 450W	4 x 650W	4 x 1000W	4 x 1600W	
Max Gain	35.4dB	37.5dB	39dB	41.2dB	35.4dB	37.5dB	39dB	41.2dB		
Amplifier Type	A/B	H	H	H	A/B	H	H	H		
Current Consumption (1/8 power 4Ω speaker)	1.8A @230V	1.6A @230V	2.2A @230V	3.2A @230V	3.6A @230V	3.2A @230V	4.4A @230V	6.4A @230V		
Max Current Consumption (1/8 power 4Ω speaker)	2.7A @230V	3.3A @230V	5A @230V	7A @230V	5.4A @230V	6.6A @230V	10A @230V	14A @230V		
THD	<0.025% @8Ω, 20Hz-20KHz									
IMD	<0.05% @8Ω, 60Hz/7KHz 4:1									
Frequency Response	< ± 0.5dB, 20Hz-20KHz									
Phase Characteristics	< ± 15°									
Damping Factor	>300:1									
Resolution	>80 dB									
S/N Ratio	>106dB(1kHz, A weight)									
Input Sensitivity	0.775V									
Input Impedance/unbalance	Unbalanced >10kΩ, balanced >20kΩ									
Input Connectors	2 x XLR			4 x XLR						
Output Connector	2 x XLR(link)+2 x NL4+2 x Binding post			1 x XLR(link)+4 x NL4+4 x Binding post						
Cooling	airflow from front to back			airflow from front to back						
Power Supply	AC 220-230V 50Hz/60Hz									
Environment Temperature	-10°C~+40°C(working), -25°C~80°C (Storage)									
Dimensions (W x D x H)	483mm x 390mm x 89mm									
Net Weight	12.0kg	12.0kg	13.0kg	14.0kg	16.0kg	16.0kg	17.0kg	19.0kg		
Gross Weight	13.0kg	13.0kg	14.0kg	15.0kg	17.0kg	17.0kg	18.0kg	20.0kg		



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