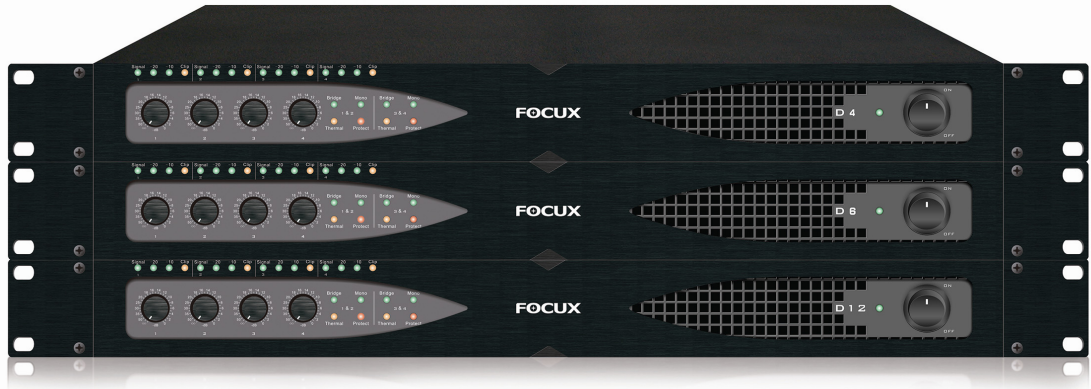


D Series

Four-Channel Digital Power Amplifier



Features & Benefit

- ✓ **C**ompact size and light weight, all models only 1U and 17.6 pounds for easier racking and shipping.
- ✓ **M**aximum flexibility, 4-channel, all channel pairs bridgeable.
- ✓ **O**utstanding sonic quality per design, including outstandingly high quality output filters.
- ✓ **X**LR balanced input and Speakon output connectors.
- ✓ **F**ront panel level controls and LED indicators.
- ✓ **D**etachable AC mains cord.
- ✓ **U**niversal switch mode power supply, compact, high performance.
- ✓ **A**C mains voltage switchable 100V/240V
- ✓ **L**ow Inrush Limiting reduces AC inrush current, removing the need for power sequencers.
- ✓ **T**emperature controlled continuous variable speed fan, front to rear airflow.
- ✓ **F**ully protected circuitry design including DC, infrasonic, high frequency, thermal overload and short circuit.
- ✓ **C**lip and RMS limiters to protect loudspeakers from damage from clipped wave forms and steady non-audio signals.

FOCUX increases the efficiency of its digital sound system by 100% more than the current analogue system. This is amazing progress, which means FOCUX digital sound systems have become the highest performance products in the audio industry. With 8,400 W across four channels in a single rack space at a mere 17.6lbs weight, the D series is equally versatile in touring and permanently installed racks.

This is a revolutionary breakthrough! We are proud to announce that real digital sound systems are available in audio market from now on. Legendary sound quality deriving from FOCUX's digital technologies and outstandingly high efficiency are making the D series the leader in its class.

The D series is a flexible, cost-effective solution for any size sound systems, optimized for digital sound systems and 2Ω loads, it is a fantastic value, practically as well as commercially. FOCUX amplifiers are providing reliable premier-grade power and headroom in the smallest possible package size.



Specifications

Model	D4	D6	D12
Output Power, 8 Ω*	4 x 450 W	4 x 650 W	4 x 1200 W
Output Power, 4 Ω*	4 x 800 W	4 x 1100 W	4 x 2100 W
Output Power, 2 Ω*	4 x 1400 W	4 x 1800 W	4 x 3600 W
Bridged Output Power, 16 Ω*	2 x 900 W	2 x 1300 W	2 x 2400 W
Bridged Output Power, 8 Ω*	2 x 1600 W	2 x 2200 W	2 x 4200 W
Bridged Output Power, 4 Ω*	2 x 2800 W	2 x 3600 W	2 x 7200 W
Input Sensitivity @ 8 Ω	3.00 V	3.61 V	4.90 V
Input Sensitivity @ 4 Ω	2.83 V	3.40 V	4.58 V
Input Sensitivity @ 2 Ω	2.65 V	3.17 V	4.24 V
Maximum RMS Voltage Swing*	60 V	72 V	97 V
Gain, selectable	+26 dB (20X)		
Frequency Response	20 Hz - 20 kHz (1W @ 8 Ω, ±0.5dB)		
Signal to Noise Ratio	≥105 dB (20 Hz - 20 kHz, A weighted)		
Crosstalk separation	>70dB @ 1 kHz		
Input Impedance	20 kΩ balanced		
THD	typical < 0.02 %, full power ≤ 1 %		
Slew Rate	50 V/us @ 8 Ω		
Damping Factor @ 8Ω	≥200 @100 Hz / 1 KHz		
Power Requirements	AC~100-240V (50-60Hz)		
Protection	overheat/thermal output power control/long term output power control/output short-circuit/overload protection/dc protection		
Dimensions (W x D x H)	19" x 14.3" x 1.75" (483mm x 364mm x 44 mm)		
Net weight	17.6 lbs (8 kg)		

*EIAJ Test Standard, 1 kHz, 1% THD

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