

4X Series

400 Dual
600 Dual

BITTNER
AUDIO

Intelligent Power

Fixed Installations
Cinema & Live Theaters
Boardrooms
Multimedia



Two in One

No Compromise. The 4X Dual combines the power and the safety of two completely separate amplifiers in one chassis.

Wear-free digital potentiometers, an integrated Noise Gate per channel, sequential remote power on, computer control, detachable connectors.

That's what we call Intelligent Power!

- Up to 4x 600W in only 2RU
- 2 separate amplifier modules
- 2 separate power supplies
- 2 High-End toroidal transformers
- Ideal for fixed installations:
Controls from the back panel only
- High Tech SMT Design
- Protection Circuits: DC, LF, HF, Thermal, Short Circuit, Current Limiter, 3 ms Muting Delay
- All inputs and outputs pluggable
- LED indicators for SIGNAL, CLIP, PROTECT, POWER, MODE
- Temperature controlled, variable speed low noise fans
- Softstart
- Sequential Remote Power On
- Digital wear-free Volume Controls (can be operated manually)
- SXL Dataport
- Noise Gate (switchable)
- 3 Years Warranty

4X Series Dual

BITTNER
AUDIO
Intelligent Power

		4X400 Dual	4X600 Dual
Channels		4	
Class		AB	
Burst per Channel @ 1 kHz, 0,5% THD	4 Ohm	450 W	630 W
	8 Ohm	300 W	410 W
Output Power per Channel @ 1 kHz, 0,5 % THD	4 Ohm	300 W	400 W
	8 Ohm	220 W	300 W
Frequency Response @ Full Power		20 Hz - 20 kHz (-0,2 dB)	
THD @ 1 kHz, Full Power		< 0,03 %	
Signal-to-Noise Ratio 20 Hz - 20 kHz		> 103 dB	
Channel Separation		> 80 dB	
Input Sensitivity		+ 3,4 dBu	+ 4,6 dBu
Input Clipping		21 dBu	
Input Impedance		20 kOhm	
Damping Factor		> 800:1	
Idle Current		0,5 A	
Power Consumption 1/8 Load	4 Ohm	2,9 A	3,8 A
	8 Ohm	2,1 A	2,7 A
Power Consumption 1/3 Load	4 Ohm	6,9 A	8,7 A
	8 Ohm	4,9 A	6,3 A
Power Consumption Full Power	4 Ohm	11,9 A	15,5 A
	8 Ohm	8,4 A	10,8 A
Heat Dissipation 1/8 Load	4 Ohm	372 W	520 W
	8 Ohm	242 W	312 W
Heat Dissipation 1/3 Load	4 Ohm	900 W	1148 W
	8 Ohm	588 W	760 W
Heat Dissipation Full Power	4 Ohm	1190 W	1560 W
	8 Ohm	720 W	900 W
Dimensions (W x H x D)		483 x 88 x 454 mm (2 RU)	
Weight (net)		19 kg	20 kg
Power Requirements		210 - 240 V 50 - 60 Hz	