

HIGH POWER CLASS-D AUDIO AMPLIFIER 19" CDi SERIES.

FEATURES AND BENIFITS

- High output audio power 2 x 300Watt up to 4 x1.200Watt at 100V and only 2U height.
- Very low stand by power consumption.
- CE mark provided.
- Switching mode power supply reducing weight, resulting in high efficiency 85%.
- High frequency response allowing amplifier supervision by using inaudible pilot tones.
- Built in "Smart" axial fan controlling the speed of the fan in function of the temperature.



Model CDi 2-600 (4x1.200Watt)
(Other models will have same layout)

The models CDi 2-300 up to CDi 4-1200 are industrial designed solid state audio amplifier providing 2x300Watt up to 4x1.200W audio at 100V depending on model number. (See below). The amplifiers have a built in "Fault" monitoring system. In case of defective amplifier a digital output at the rear of the amplifier will change his status.

The unit operates in Class D mode, which provides a high efficiency of 85% (at full load). This will strongly reduce the size of batteries in case of emergency power supply.

Since those amplifiers almost do not produce significant heat, they may be stacked into a central cabinet without air space between the units saving space into the central cabinet.

Specifications.

	CDi 2-300	CDi 4-300	CDi 2-600	CDi 4-600	CDi 2-1200	CDi 4-1200
Output audio power	:2x300Watt/100V	4x300Watt/100V	2x600Watt/100V	4x600Watt/100V	2x1200Watt/100V	4x1200Watt/100V
Audio output voltage	: 70,7V or 100V (Selectable by front panel or remote LAN settings).....					
Frequency response	:20Hz – 20KHz					
Signal to noise ratio	:> 108dB.....					
Input signal	:2V eff (Adjustable to 0,7Veff using front panel settings...)					
Input impedance	:20 KOhm and balanced.....					
Protection circuits	:Inrush-current limited, temperature, DC and output protection.....					
Indicators	:LED's: ON - SIGNAL - CLIP - Signal VU meter with 3 LED's.....					
Input connectors	:Removable screw terminals max 1,5mm ² or XLR.....					
Output connectors	:Screw terminals accepts up to max. 6mm ² fork.....					
Operating voltage	:100VAC up to 240VAC +/-15%.....					
Power consumption	: 706Watt	1,4KW	1,4KW	2,8KW	3KW	6KW
(All channels driven at max.)						
Protection	:IP23.....					
Approvals	: CE mark.					
Dimensions (WxHxD)	: All models: 483x89x311mm (19" and 2U), except model CDi 2-1200 and CDi 4-1200 which will have 373mm deep.					
Weight Net/Shipping	: 6,6Kg/8Kg	7,3Kg/9Kg	6,6Kg/8Kg	7,3Kg/9Kg	7,8Kg/10Kg	9,1Kg/11Kg
13Kg/15Kg						