

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 4-1200 (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 1,5mm2 or XLR..... | | | | | |
| Output connectors | :Screw terminals accepts up to max. 6mm2 fork..... | | | | | |
| Operating voltage | :100VAC up to 240VAC +/-15%..... | | | | | |
| Power consumption (All channels driven at max.) | : 706Watt | 1,4KW | 1,4KW | 2,8KW | 3KW | 6KW |
| 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 |