

# DigiMod 500

**DigiMod 500** is a class-D amplifier module delivering up to 530W on 4Ω. Perfect for applications where all the power is needed on a single output channel as for bass and guitar amplifiers. The capability of driving the additional "slave" amplifier DigiMod 1000NPS makes this module an effective solution to power also two or three-way configurations. Specifically designed DSP boards with advanced processing, remote control and networking capabilities are available for **DigiMod 500**, to perfectly fit with the amplifier and providing a complete solution in a compact package.

## Specifications

|                                |  |
|--------------------------------|--|
| AC Mains Power                 |  |
| Operating voltage              | AC 195V – 250V @ 50/60Hz,<br>$I_{nom} = 1 A_{RMS}$ |
|                                | AC 95V – 125V @ 50/60Hz,<br>$I_{nom} = 2 A_{RMS}$  |
|                                | *1/8 max output power                              |
| Efficiency                     | > 85% (typical )                                   |
| Power consumption              |  |
| 1/8 of max power @ 8 Ω bridged | 96 VA  |
| Max aux supply current draw    | 200 mA   |
| Construction                   |  |
| Dimensions                     | 216 mm x 122 mm x 53 mm<br>(8.5" x 4.8" x 2")      |
| Weight                         | 1.00 kg (2.2 lb)                                   |

**FIXED**  
switching  
frequency

**AUTO**  
mains selection  
optional

**DSP**  
add-on



## Technical Support

Should you encounter any difficulties in operating this amplifier module, please do not hesitate to contact our technical support. We will be glad to be of assistance.

support@powersoft.it

Powersoft  
Via Enrico Conti, 13/15  
50018 Scandicci - Firenze  
Italy  
Tel/fax: +39 055 735 1386

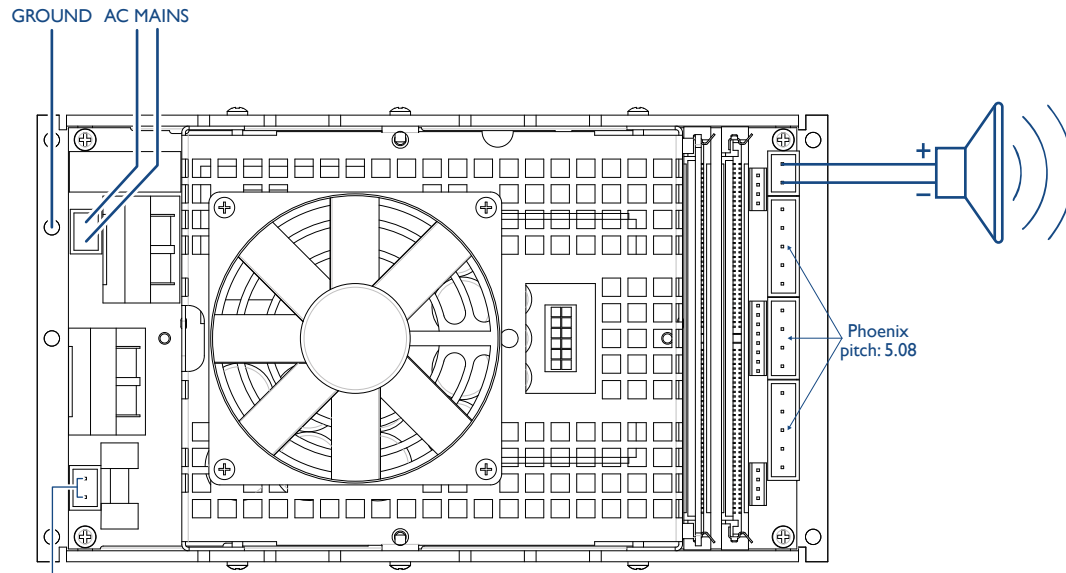
*Powersoft*  
Via Enrico Conti, 5  
50018 Scandicci (FI)  
www.powersoft-audio.com

*Powersoft*

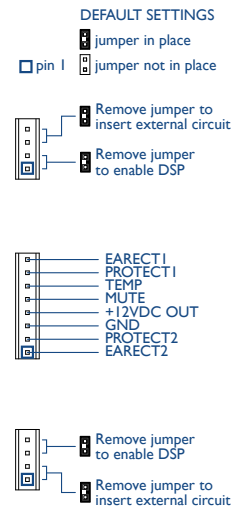
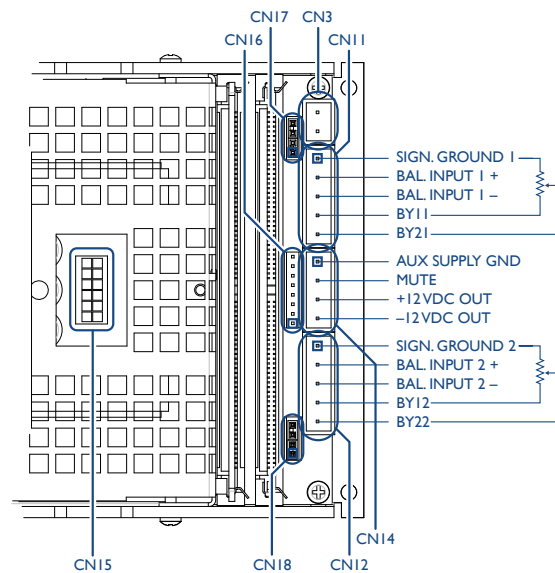


Quick Guide **DigiMod 500**

# DigiMod 500



Place jumper to set operating voltage to 115V<sub>AC</sub>



| CN11 |                |
|------|----------------|
| 1    | SIGN. GND 1    |
| 2    | BAL. INPUT 1 + |
| 3    | BAL. INPUT 1 - |
| 4    | BY12           |
| 5    | BY22           |

| CN14 |              |
|------|--------------|
| 1    | AUX SUP. GND |
| 2    | MUTE         |
| 3    | +12VDV       |
| 4    | -12VDC       |

| CN12 |                |
|------|----------------|
| 1    | SIGN. GND 2    |
| 2    | BAL. INPUT 2 + |
| 3    | BAL. INPUT 2 - |
| 4    | BY12           |
| 5    | BY22           |

| CN17 |      |
|------|------|
| 1    | BY31 |
| 2    | BY21 |
| 3    | BY21 |
| 4    | BY11 |

| CN16 |            |
|------|------------|
| 1    | EARECT2    |
| 2    | PROTECT2   |
| 3    | GND        |
| 4    | +12VDC OUT |
| 5    | MUTE       |
| 6    | TEMP       |
| 7    | PROTECT1   |
| 8    | EARECT1    |

| CN18 |      |
|------|------|
| 1    | BY12 |
| 2    | BY22 |
| 3    | BY22 |
| 4    | BY32 |