



QUICK REFERENCE SHEET FOR:

Two Channel Power Amplifier Module with DSP Used In PAS Models SW-2.2P, FT-2.2P and FT.LA-P

Controls and Connectors:

- PROT** - The amplifier has overheated or is driving a short and has shut itself off.
- CLIP** - One of the channels has exceeded it's output capabilities.
- PWR** - The unit is receiving power.
- SIGNAL** - The input signal is greater than -10 dBm.
- VOLUME** -Input attenuator
- MUTE / CH 2** -This button mutes the High Frequency Output.
- MUTE / CH 1** -This button mutes the Low Frequency Output.
- PGM SEL** -Selects one of the two programs loaded into the DSP's EEPROM. To change, the power must be cycled off, then on again.
- INPUT** -Transformer isolated input. Pin 2 is +.
- LOOPING OUTPUT** -Allows multiple units to be daisy chained together.
- 80HZ HPF** - Use this 80 Hz high-pass filter with PAS Powered SubWoofer cabinets.

System Features:

- Two Channel Class D Power Amplifier with Switching Power Supply.
- Digital Signal Processor with two factory preset programs.

Amplifier Features:

- Selectable Mains Input: 115/230 Vac
- Thermal & Overcurrent protection
- H.F. Protection
- Quiescent (idle) power: less than 16 watts (Both channels)
- EMI conforms to EN55103-1 and EN55103-2 (European Union Electromagnetic interference standard)
- Neutrik "PowerCon" AC connector

DSP Features:

- Transformer isolated input (NC3FP connector)
- 24 bit/96kHz A to D and D to A conversion.
- Signal present, Clip and Protection indicators.
- 24 dB/oct Linear Phase dividing filters
- Time Offset Correction™ (TOC™) and equalization

Specifications:

Frequency Response:

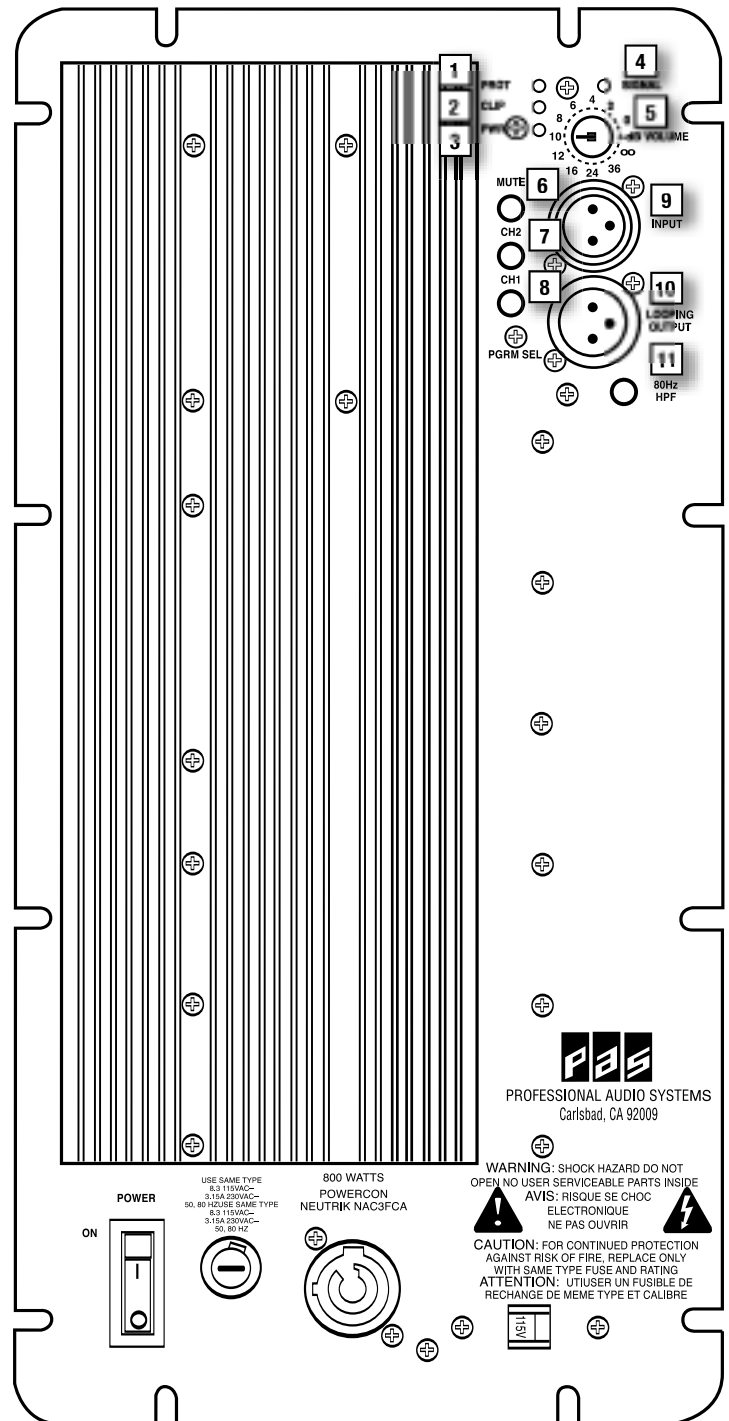
Set by DSP program - Amplifier Bandwidth is 5.5Hz to 80 kHz

System Sensitivity:

+6 dBv (1.50 vrms) for rated power (500 watts) at 150 Hz with Input Level Control fully clockwise.

Power Ratings:

L.F.: 500 Watts at 0.05% THD+N, 1kHz, 4 ohms
H.F.: 110 Watts at 0.05% THD+N, 1kHz, 8 ohms



The Next Phase In Loudspeaker Technology™

Professional Audio Systems

2270 Cosmos Court • Carlsbad, CA USA 92009
voice: (760) 431-9924 • fax: (760) 431-9496
email: info@pas-toc.com • www.pas-toc.com