

The new Power Amplifier PX series provides a power range of 10, 200, 300, 400 y 600 W output Rms in line of 70 V rms in high impedance, for two 19" rack units.

All of model are based in high performances technology, thus they work continuously for a long time.

Remote control and monitoring provide the option to connect Ethernet and measurer of line.



Performances:

- They are members of our new Power stages family, where the most solid and reliable electronics is united with new control technologies. Each stage has its own microprocessor, which supervise the state and working of the amplifier.
- The intelligent control is commissioned to report and act when the Stage is working bad. It include protection against short circuit, direct current, temperature control, correction of saturation (CLIP), signal sign, volume, Stby..

The Stage enters in STBY mode to avoid any problem, these kind of problems could be dangerous for equipments and loudspeakers.

Optional features:

Ethernet: The module Ethernet offers the possibility to connect the stage with a computer, thus the system will be monitoring working. Moreover, Ethernet enable take control over remote volumen features.

Line meter: This module provide constant information about output power and line impedance. We can know the stage state and the state of the complet system with this information on-line remotely. Therefore, it enable us detect if any loudspeakers breakdown, thus the standard UNE-EN 60849 is obey correctly.

All the models have double priority entry, one of these to audio and the other to microphone. This inputs are designed to public address system specially, they have independent control of volume.

CARACTERÍSTICAS TÉCNICAS	
Power supply	220-240V CA, 50Hz
Frequency response	Under 0,1 dB from 20Hz a 20.000Hz
Inputs	Balanced con loop-through-output XLR of 3 via
Signal/noise ratio	Over 103 dB with ponderation "A"
Input sensitivity	10Kohmios, 0dBm
Signal output.	To lines of 70V
Distortion	Under 0.1% to specify power.
Output power	100, 200, 300, 400 y 600 W rms
Consumption	195 W/388 W/512 W/620 W/880 W
Protections	Short circuit, DC, Infrasonic, RF, temperature.
Operation protection	Protection of saturation in the input to 500%
Optional protection	Volume with possibility of remote blocked
Volume control	0dB-62dB.
Dimensions	484x88x305 mm; system for two 19" rack untis.
Case	High resistance, protected front without controls.
Line meter	Far greated sensitivity1W / 2Ω
Ethernet	10/100 Mbits/s

Maximun specify power in each model overcome functional tests of LDA:

-This test consisted working the equipment in very demanding regimes.

-The input signal is 1Khz of frequency, thus is obtained the maximun output power and a distortion underd 0,1%. The equipment is working hours in these conditions without any problem recorded.