

PX series

The new Power Amplifier PX series is provided of a power range of 10, 200, 300, 400 y 600 W output Rms values for a line of 70 V rms in high impedance. It is made for installing in 19" rack.

Due to its Input/Output interface through Ethernet, it can inform about its condition to the Control System at all times and indicates the active protection, signal presence, saturation and the supervision of the amplifier state.



Features:

- The improved AB technology offers an excellent balance between efficiency and audio quality. The linear supply given through a toroidal transformer allows improve the sound quality requirements for any case.
- Direct amplification for high impedance, direct connection to the line avoiding the inconvenience of the output transformers, reducing weight, improving efficiency and avoiding band width and losses in the signal.
- It has a priority input line for the connection of an auxiliary system, which permits increase the system reliability in case of an emergency.
- Independent volume adjustable for each input, also available by remote control.
- Refrigeration by forced ventilation.
- The incorporation of the control system allows easy visualization of the state of the whole PA system supervising the PA system's operation all times .
- Indicators on the front permit the visualization of signal, saturation, protection, ignition, stand-by and the connection with the system.
- Continuous monitoring of emergency system to meet the standard about evacuation system by voice UNE-EN 60849.

TECHNICAL SPECIFICATIONS

AUDIO OUTPUT	
Signal/noise ratio	Higher at 103 dB with "A" weighted
R.M.S. output power	100, 200, 300, 400 and 600 W rms
Maximum output power	200, 400, 600, 800 and 1200 W
Frequency response	± 0,1 dB from 20Hz to 20.000Hz
Total harmonic distortion	< 0,1% from 20Hz to 20.000Hz for the rms power of each model

CONNECTIONS	
Line input.	Balanced with 3 ways XLR loop-through-output
Auxiliary input.	Balanced with 5 ways XLR loop-through-output
Signal output.	Output connection with 4 mm security banana
Communications	RJ-45 connector protected for EMC.
Input impedance	10Kohms

PHYSICAL AND ELECTRIC SPECIFICATIONS	
Supply	220-240V CA, 50Hz
Consumption during operation	195 W/388 W/512 W/620 W/880 W at maximum power
Consumption at rest	10 W
Dimensions	484x88x305 mm; system for two 19" rack units.
Chassis	High resistance mechanics made of steel and aluminium.
Weight	Between 11,5 and 14,2Kg depending of the model
Colour	Black chassis and grey front.