

# AMPLIFIERS

## AXD Series



The AXD series of amplifiers consists of 4 integrated amplifiers of 30, 60, 120 and 240 W respectively, specially designed to be used in all kind of Public Address fix installations: emergency pagings and background music for offices, restaurants, churches, etc.

The 30 W model has two microphone and two auxiliary inputs. The 60 W, 120 W and 240 W models have five microphone and two auxiliary inputs.

All the models include:

- Priority of the microphone inputs over the auxiliary inputs.
- Configurable priority (on/off) of micro 1 over the rest of microphones.
- Priority emergency input over the rest of inputs. This input is not affected by any volume control of the amplifier.
- 100V, 70V, 50V or low impedance (4, 8 & 16  $\Omega$ ) lines output.
- Pre-call gong and ON/OFF phantom power supply configurable for each microphone input.
- Thermal protection.
- Priority external relay direct activation.
- 24 V.d.c. output in microphone 1 DIN connector and in emergency input RJ45 connector.
- Supplied with mounting brackets for 19" rack mounting.

Upon specific request, these amplifiers can be equipped with a built-in DTMF real telephone interface.

### SPECIFICATIONS

	AXD-30	AXD-60	AXD-120	AXD-240
<b>Power supply</b>	230 V.a.c., 50 + 60 Hz; Battery: 24 V.d.c.			
<b>Consumption</b>	Standby: 11,5 VA; Rated output: 57,5 VA	Standby: 16 VA; Rated output: 129 VA	Standby: 18,4 VA; Rated output: 276 VA	Standby: 20,7 VA; Rated output: 529 VA
<b>Nominal power rating (RMS)</b>	30 W	60 W	120 W	240 W
<b>I.H.F. power</b>	40 W	98 W	175 W	350 W
<b>Total Harmonic Distortion (+N Power unit)</b>	<0,75%			
<b>Frequency response</b>	Aux: 50 + 18.000 Hz / Emergency: 50 + 18.000 Hz / Mic: 60 + 10.000 Hz			
<b>Signal / noise ratio</b>	Mic: -65 dB; Aux: -73 dB	Mic: -65 dB; Aux: -72 dB	Mic: -66 dB; Aux: -70 dB	Mic: -65 dB; Aux: -70 dB
<b>Inputs: Micro.</b>	2 balanced	5 balanced	5 balanced	5 balanced
<b>Aux.</b>			2 balanced	
<b>Emergency</b>			1 unbalanced	
<b>Inputs sensitivity: Micro.</b>			-60 dB	
<b>Aux.</b>			Adjustable between 150mV and 1V	
<b>Emergency</b>			0 dB	
<b>POWER IN</b>	775 mV (0 dB)			
<b>Loudspeakers line output</b>	100, 70, 50 V and 4,8,16 $\Omega$			
<b>Other outputs</b>	PRE OUT: 775 mV (0 dB) / LINE OUT 775 mV			
<b>Dimensions (mm)</b>	430 (width) x 89 (height) x 250 (depth)	430 (width) x 89 (height) x 280 (depth)	430 (width) x 89 (height) x 290 (depth)	430 (width) x 89 (height) x 380 (depth)
<b>Rack units</b>	2			
<b>Weight</b>	6 kg	7.5 kg	9 kg	13 kg

