

PA 60 USB/R

Amplifier / Mixer



PA 60 USB/R is a 60W power amplifier that features a 5 input mixer and a solid state audio player/recorder (USB/SD) compatible with standard formats (MP3, WMA). It is possible to record voice messages and then play them back. The device support USB and SD storage devices with up to 32 GB memory.

Regarding audio control, the mixer includes all the functions required for full control of the 5 signal inputs: Independent volume control, master control of level, bass and treble tone. The mixer also has a pre-out to send mixed signal to an external amplified system or to connect external devices like equalizers and processors.

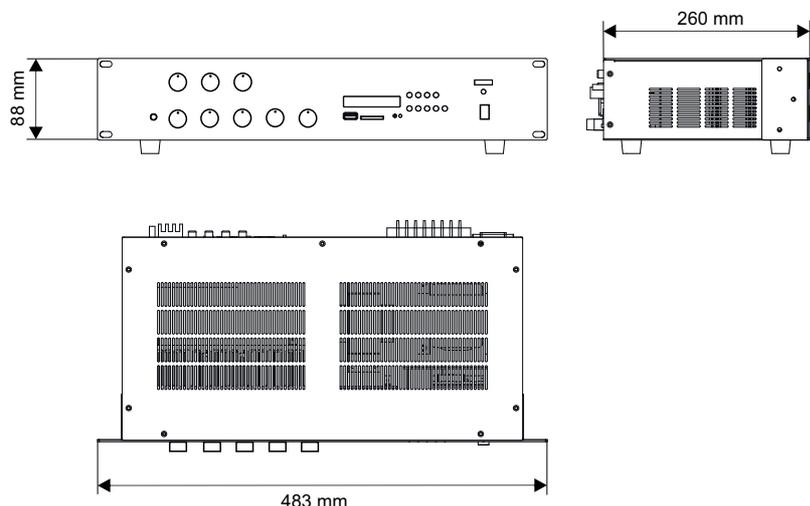
PA 60 USB/R is suitable for low impedance speakers (8Ω) and high impedance loads (25 / 70 / 100V). In addition for maximum safety in the whole installation, it includes a Chime on/off switch and a Telephone/Emergency connection for emergency announcement. DC 24V terminals are also available for emergency backup.

Features

- Installed sound power amplifier & 5 input mixer.
- Solid state audio player/recorder (USB/SD) with standard formats (MP3, WMA).
- Support storage device of up to 32 GB.
- 2 AUX inputs + 3 MIC inputs.
- MIC 1 with priority.
- All MIC inputs with phantom power.
- Mixer with independent control of volume, master and tone control (Bass/Treble).
- Pre-out function.
- Suitable for low impedance (8Ω) and high impedance (25/70/100V).
- Chime On/Off switch.
- Telephone/Emergency connection for paging and emergency announcements.
- Terminals for emergency supply (DC 24V).

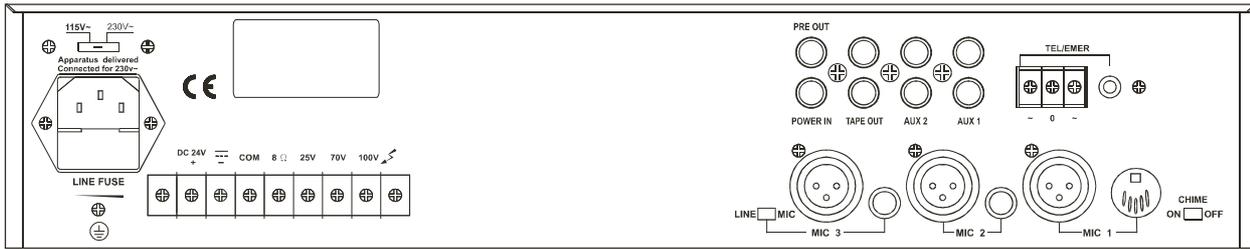
Dimensions

* In mm.



PA 60 USB/R

Rear View



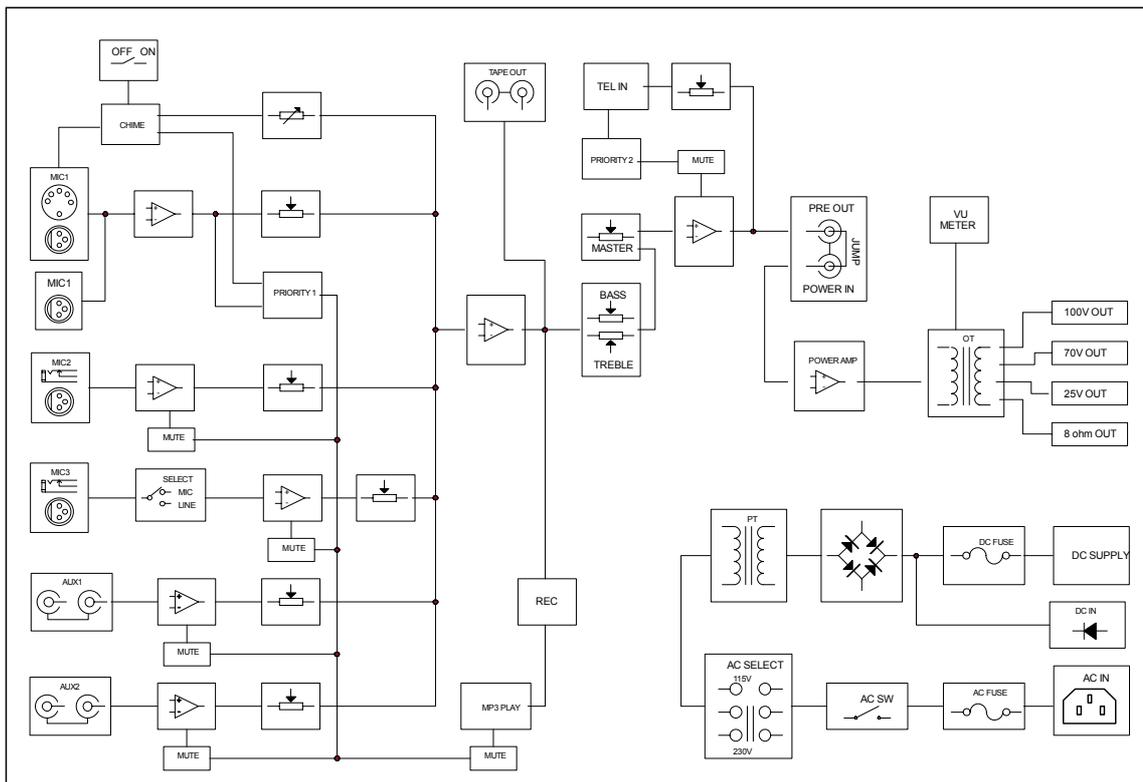
Specifications

Type:	Installed sound power amplifier and 5 input mixer	
Output Power:	Rated:	60W
	Max:	90W
Inputs (Impedance/Sensitivity)	MIC 1-3	250Ω /1 mV (-58 ±2dBV) balanc. with Phantom Power
	AUX 1	47kΩ /250 mV (-12 ±2dBV) unbalanced
	AUX 2	47kΩ /630 mV (-4 ±2dBV) unbalanced
	LINE	47kΩ /178 mV (-15 ±2dBV) unbalanced without P.P.
	TEL	600Ω /100 mV (-20 ±2dBV) adjustable balanced
	Power In	47kΩ /1V (0 ±2dBV) unbalanced
Inputs (Connection type)	MIC 1-3	XLR 3 pin/Jack 1/4" + DIN 5p (MIC 1)
	AUX 1	2x RCA
	AUX 2	2x RCA
	LINE	XLR 3 pin/Jack 1/4"
	TEL	Terminals
	Power In	1x RCA
Outputs	Speaker	Low impedance (8Ω) + Voltage Line (25/70/100V)
	TAPE	4k7Ω /350 mV (-7 ±2dBV) (2x RCA)
	PRE	600Ω /1V (0 ±2dBV) (1x RCA)
THD + N	Less than 1% at 1 kHz, rated power	
Frequency Response:	MIC 1-3	60 Hz - 15 kHz
	LINE	50 Hz - 20 kHz

F. Response:	AUX 1-2	50 Hz - 20 kHz
	TEL	200 Hz - 10 kHz
	MIC 1-3	55 dB below rated power
S/N Ratio:	AUX	65 dB below rated power
	TEL	70 dB below rated power
	LINE	70 dB below rated power
Tone Controls	Bass	±10 dB/ 31 Hz - 180 Hz / Centre freq. 80 Hz
	Treble	±10 dB/ 2k5 Hz - 20 kHz / Centre freq. 10 kHz
Chime:	2 tone ("Dign-dong" pre-announcement chime)	
Priority:	Tel/Emer. - MIC 1	
Type:	Solid state player/recorder (USB/SD)	
Formats:	MP3 / WMA	
Storage:	Up to 32 GB	
Folders/Tracks:	Up to 99 + FRE (REC folder) / 999	
Repeat modes:	One track, all tracks, random mode	
Power Supply:	AC 115/230V, 50/60 Hz ±10%	
Consumption:	200W	
DC Voltage:	24V	
Phantom Voltage:	17 ±2V	
Dimensions:	483 x 88 x 260 mm (2 HU 19" rack)	
Weight:	8 kg	

* Specifications are subject to change without notice.

Block Diagram



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