

## TECHNICAL SPECIFICATIONS



### MA

**MA mixing amplifiers for rack mount or stand allow.**

It is a widely used mixing amplifier designed for different applications for public address and paging systems, useful for background music systems. Universal structure of the units, audio signal mixing possibilities, various inputs and outputs have wide application in simple installations. Can be used as a component of voice evacuation or public address system, because it has 24V DC power supply. Line, microphone inputs, phantom power supply, different connectors, telephone line connection expands the fields of application of these high quality mixing amplifiers.

|                      | MA 60   | MA 120 | MA 240  |
|----------------------|---|--------|---------|
| Output power         | 60 W  | 120 W  | 240 W   |
| AC power consumption | 160 W   | 400 W  | 760 W   |
| DC power consumption | 96 W  | 192 W  | 360 W   |
| Power supply         | ~220V/~115V 50Hz/60Hz   |        |         |
| Outputs              | <b>Low impedance output</b> – 8 Ω (screw terminal)<br><b>Hi impedance outputs</b> – 70 V, 100 V (screw terminal)<br><b>Tape out</b> – 0 dB (RCA connector)<br><b>AUX out</b> – 0 dB (RCA connector)   |        |         |
| Inputs               | <b>Channel 1-2:</b><br><i>Microphone input:</i> sensitivity -57dB, impedance 600Ω, connectors – Balanced XLR (channel 1 – priority input)<br><b>Channel 3:</b><br><i>Tel input:</i> sensitivity -17dB, impedance 600Ω, connectors – screw terminal<br><i>Microphone input:</i> sensitivity -57dB, impedance 600Ω, connectors – Balanced XLR<br><b>Channel 4:</b><br><i>AUX1:</i> sensitivity -17dB, impedance 22KΩ, connectors – RCA<br><i>Microphone input:</i> sensitivity -57dB, impedance 600Ω, connectors – Balanced XLR<br><b>Channel 5:</b><br><i>AUX2:</i> sensitivity -17dB, impedance 22KΩ, connectors – RCA<br><i>Microphone input:</i> sensitivity -57dB, impedance 600Ω, connectors – Balanced XLR<br><b>AUX3:</b> sensitivity -17dB, impedance 22KΩ, connectors – RCA |        |         |
| Frequency response   | 50 Hz - 20 kHz  |        |         |
| THD                  | Less than 1% at 1kHz rated power  |        |         |
| Signal / noise ratio | Better than 80 dB   |        |         |
| Tone control         | Bass ±10 dB, Treble ±10 dB  |        |         |
| Controls             | Inputs volume control, scource selectors, AUX3 volume control, tone control, master   |        |         |
| Indicators           | Power, VU - meter   |        |         |
| Dimensions           | 425 mm x 88 mm x 330 mm   |        |         |
| Weight               | 8,7 kg  | 9,7 kg | 10,7 kg |
| Accessories          | 19" Rack mounting bracket   |        |         |
| Colour               | Black (RAL 9017)  |        |         |