



## Description

MMZ 8004S mixer has been specially designed and developed to solve in a simple way the many needs and requirements of sound distribution in complex amplification systems, such as: combination of zones, selective announcements, transmitting different music programs to different zones, remote adjustment of levels and automatic control of volume according to room noise.

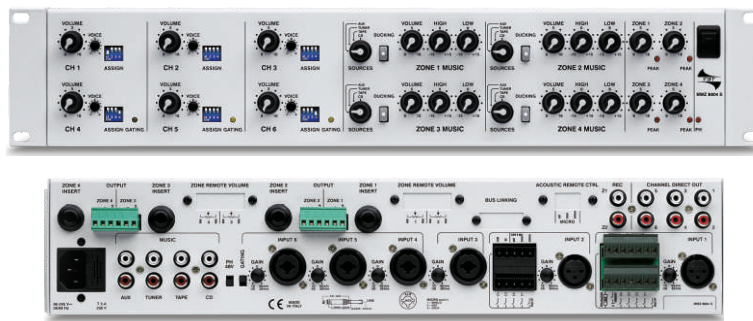
The feeling of easy use is immediate, and the efforts and care FBT has taken in designing this equipment are appreciated for its wide application in public address systems, meeting today's increasingly more sophisticated needs and requirements in a simple and rational way.

The present manual describes the many applications highlighting the surprising flexibility and versatility of this system.

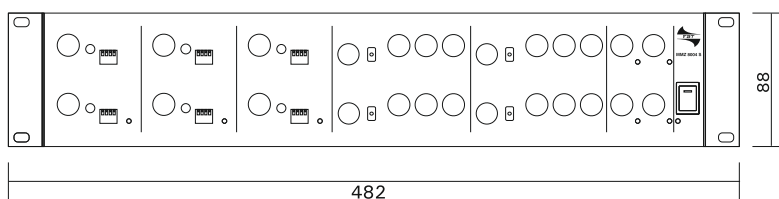
- 6 Combo inputs
- 4 stereo line inputs for CD, Tape, Tuner and Aux, selected on each output zone
- 4 output buses with independent control
- Microswitch on each input for routing to each output
- Adjustable sensitivity of micro and line inputs
- Designed for connection to up to 2 amplified microphone bases from the MBT8000 series equipped with zone selector switches
- Designed for connection to emergency detection systems for guided evacuation, with priority over all inputs
- Automixer operating mode on 3 microphone channels, thanks to the GATING function (this function allows for the level of speech to be increased before the "Larsen effect" - feedback whistling - occurs)
- Internal switching power supply from 100V to 230V and from 50Hz to 60Hz
- 2 rack units

## MMZ 8004S

### PREAMPLIFIER / MIXER 10IN/4OUT



## Dimensions



## Technical data

CHARACTERISTICS	two rack units - RAL 7035 light gray finished
MICROPHONE / LINE MAX. GAIN	6 input mic/line 75dB-2kOhm
INPUT 1 / 2	connection of desktop base with selection of channel 1, 2, 3, 4
LINE / MAX. GAIN	4 stereo pin jack RCA inputs / 40dB / 33kOhm
FREQUENCY RESPONSE @0 / -1dB	20Hz - 80kHz
SIGNAL TO NOISE RATIO @20dB	110dB
LEVEL CONTROLS	n.10 volume control, n.6 gain control, n.4 master
LOW CUT FILTER	channel 1.6 mic/line @80Hz-12dB/oct.
VOICE CONTROL	n.6 speech control on mic input
TONE CONTROLS	n.2 bass and high control on separate pad
PHANTOM POWER SUPPLY	48Vdc on microphone inputs
INPUTS 1, 2, 3, 4	selector switches allow you to bus input signals to output 1,2,3,4,
IMUSIC INPUTS	4 stereo inputs on double RCA for CD, Tape, Tuner and Aux selected on each output zone
OUTPUT dB / IMPEDANCE	28dBu/600 Ohm balanced on terminal strip
AUXILIARY OUTPUTS	direct output ch.1-6 + rec. connectors bus 1,2,3,4 0dBu/600Ohm
PRIORITY ON MUSIC	mode function by selectors in front panel (ducking)
REMOTE CONTROLS	remote volume control on out 1,2,3,4 / automatic level control on ch1
EMERGENCY CONTROL	photo coupler input, open collector output
INSERT BUS 1 e 2	jack 6,3 mm socket
LED INDICATIONS	peak indication for output 1,2,3,4 / phantom on
Vac POWER SUPPLY	90 / 245 by internal power supply
OPTIONAL ACCESSORIES	optional card for remote volume control on outputs 1/2 and 3/4 automatic level control depending on environment noise on ch1