

IMA-200

Installation Media Amplifier



CONCEPT

The IMA200 is the one stop solution for many small commercial venues. It combines MP3 replay and FM Tuner as music sources and also has a microphone input. There are 3 Stereo inputs, including a front panel 3.5mm TRS jack for mobile players, this music source flexibility is combined with a high headroom amplifier in one compact unit. Apart from its main output, an additional zone output

is available. Depending on the application, the internal amplifier can be configured in stereo, or as dual zone mono. Alternatively an external amplifier can be used for a separate zone. A music on hold output can feed the unit's music program into a telephone system. Add the seamless integration with fire evacuation systems, and the IMA200 is the choice for any venue operator.

FEATURES

- Mixer section with one music and one microphone source
- Music source switchable between internal media player/tuner, 3 external rear-side connected line sources (with gain control) and one front-side 3.5mm stereo TRS line input
- Internal media player/tuner with file/folder access for USB thumbdrives/SD cards up to 16GB/2000 songs, MP3 file name readout on large LCD display, regular and random play sequence, elapsed/remain time mode, FM tuner mode with RDS station display, jingle player with up to 3 jingles and additional scheduled play mode
- Microphone input with phantom power, isolation transformer, low-pass filter, rear-side gain control, front-side volume control, front-side on/off switch and 2-band-EQ
- Adjustable auto talk-over for automatic music level reduction when microphone is used
- Master section with precision 41-click volume control and 2-Band EQ
- Additional rear-side maximum level control for master
- Zone section with separate volume control assignable to master signal or to two of the rear-side line inputs
- Linear power amplifier section
- Bipolar power devices
- Two independent mono amplifier blocks with 80W@40hms / 50W@80hms RMS power each
- Noiseless convection cooling
- Over-temperature protection
- Linear power supply with toroidal transformer
- Amplifier blocks can be assigned to carry master stereo signal or mono master and mono zone signal each
- Internally selectable 80Hz high pass filter for every amplifier block
- Binding post speaker outputs
- Preamp output configurable to carry same signal as internal amplifier block inputs or zone signal in stereo
- MOH (music on hold) output with adjustable music and mic levels, isolation transformer and selectable music source from any of the 4 line inputs
- Emergency input which shuts down master output when emergency signal comes in and plays emergency signal instead
- Output mute contact to externally mute the output
- Full metal case with brushed aluminum front panel and detachable rack ears
- CE/ROHS compliant

TECHNICAL DATA

Power, stereo.....2x50/80W @ 8/4 Ohms
Damping Factor.....>300
THD.....<0.05% (Line)
Frequency response.....20Hz – 20 kHz

AC IN (EU version).....AC220-250V~ 50Hz
Power consumption.....max. 200W
Dimensions.....W483xH44.5xD194mm
Weight.....4.6 kg



Rear View