

KAA1000 Series

COMPACT HI-TECH. MIXER AMPLIFIER



The **KAA1000 series** is a compact mixer amplifier designed for use in installations requiring paging from a console microphone and from a telephone system. Background music is routed to the output and muted during the announcement. A 2 or 4 tone chime can precede this announcement.

Housed in a 1/2 rack width enclosure the unit can be free standing or with the brackets provided can be wall mounted.

Input 1 is a high gain balanced microphone input. Phantom power is provided. Connection is with either removable screw terminals or 1/4 inch phono socket. Shorting the chime terminal to the ground connection triggers the chime. A level control mounted on the front panel adjusts the relative mix of this input and a control mounted on the rear panel adjusts the volume of the chime.

Input 2 can be used either as a high gain balanced microphone input or a low gain unbalanced telephone paging input. No phantom power is provided. Connection for the microphone is with either removable screw terminals or 1/4 inch phono socket. Connection for the telephone input is on removable screw terminals only and has it's own level control mounted on the rear panel. A front panel level control adjusts the relative mix of this input.

Input 3 is a line level input with 2 RCA connectors internally mixed to form a mono signal. This signal is buffered and made available on 2 screw terminals as a music-on-hold signal for use with a telephone system. A level control mounted on the back panel allows adjustment of this output. This input also has it's own tone control adjustments mounted on the front panel. A front panel level control adjusts the relative mix of this input.

Inputs 1 and 2 have audio detect circuitry, which mute the music while paging. The mute level is adjustable from the rear panel. The music returns smoothly to the original level after paging.

Amplifier output connections for 100V, 70V and 8 Ohm provided for by removable screw terminals.

The AC mains input can be 120V, 230V or 240V AC. This is done with a selector, which is accessible without having to remove the cover.

- 3 Inputs: 1 bal. Mic, 1 bal. Mic-tel, 1 line
- Priority on inputs 1 and 2
- Microphone announcement with priority and chime
- Adjustable attenuation of music
- Remote controlled chime (adjustable level)
- Phantom power on input 1 (electret mic)
- Background music (Cinch stereo input)
- 2 way tone control on input 3
- Telephone input
- Music on hold



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TECHNICAL SPECIFICATIONS

MODELS

KAA1030	Mixer power amplifier, 30W/50W RMS rated/max.
KAA1130	Mixer power amplifier, 130W/200W RMS rated/max.
KAA1230	Mixer power amplifier, 230W/350W RMS rated/max.
KAA1330	Mixer power amplifier, 330W/500W RMS rated/max.

ELECTRICAL

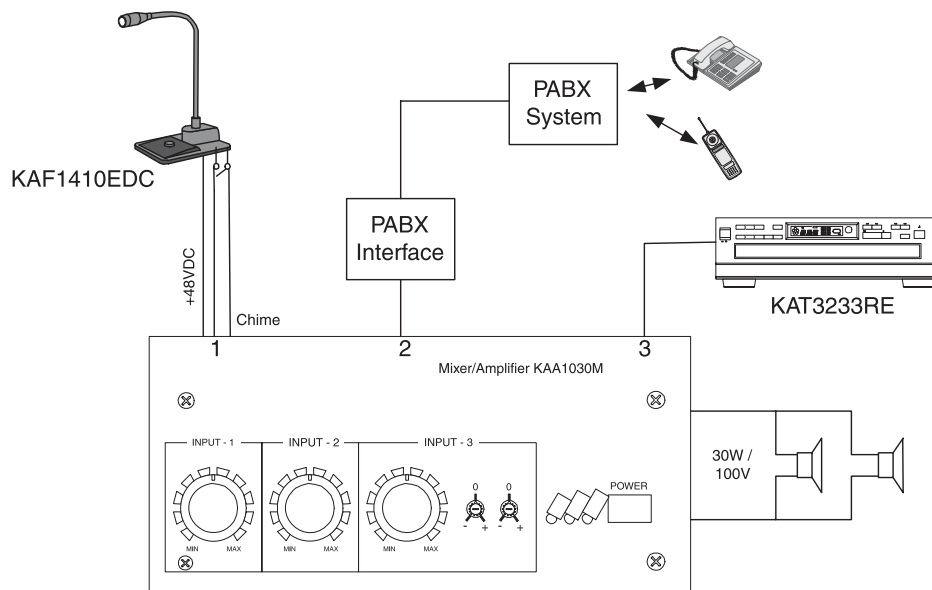
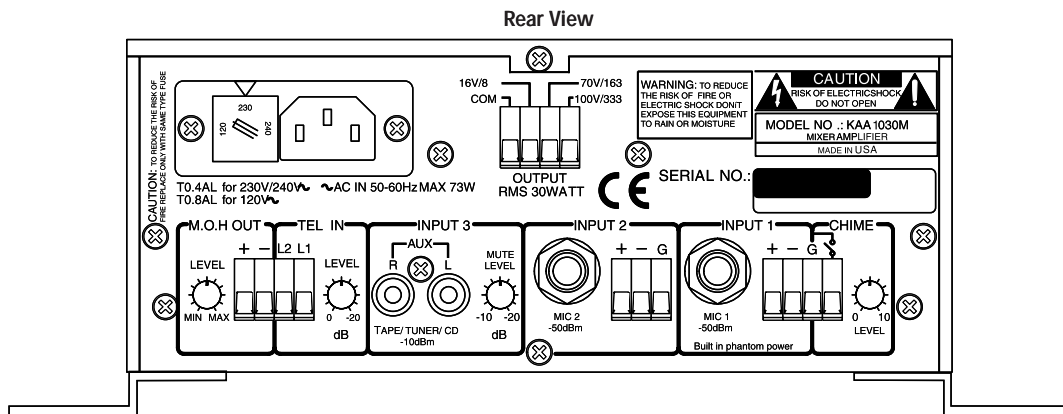
Frequency Response (-3db)	Mic : 25Hz to 10kHz, Line : 20Hz to 20kHz, Less than -3dB
THD At 1KHZ Rated Power	Less than 0.01%
Signal To Noise Ratio	Aux >90dB Mic > 80dB
Output Levels/Impedance	Europe : 100V, 8ohms USA : 70V, 8ohms
Input Sensitivity / Impedance	Mic : -50dBu 2K Bal Line / Tel IN : -10dBu 10K unbal
Tone Control	Bass : + - 10dB @ 100Hz Treble : + - 10dB @ 10kHz

POWER

Power Source	AC 120V / 220V / 230V / 240V AC, (50 / 60 Hz)
Power Consumption	As indicated on the rear panel 73W / 316W / 560W / 810W

ENVIRONMENT & MECHANICAL

Storage	-20°C to +70°C
Operation	0 to +40°C
Dimensions	215 (W) x 350 (D) x 88 (H) mm 8.5 (W) x 13.8 (D) x 3.5 (H) inches
Humidity	80% RH to at least +65°C (non condensing)
Altitude	3000 Meter maximum
Weight	4.5 / 5.5 / 6.5 kg .



Conversion: 1" = 25.4mm
Measurement conversions are approximate

Design and specifications subject to change without notice.

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