



DESCRIPTION

The MKP-12 Keypanel can be rack mounted or used on a tabletop. It is ideal for users who want full access to the most commonly used keypanel features, and who generally communicate with 12 or less locations in the intercom system at any given time. At the same time, it features a simple, intuitive user interface, which lets the keypanel operator quickly change the key assignments if needed. The MKP-12 shares the same functionality and ease of use as the MKP-4.

FEATURES AND BENEFITS

- Works with ADAM™, ADAM™ CS and Zeus™ Digital Matrix Intercom Systems.
- Full-function intercom keys with LED indicators.
- Alphanumeric call waiting window with response key.
- Access to intercom key and setup page assignments.
- 4-wire, balanced audio input and output.
- Several microphone/speaker/headphone combinations possible. Commonly used with headset (headphones & microphone) or with speaker & panel mounted microphone. Also works with headphones & panel mounted microphone or speaker & handheld microphone. Compatible with: RTS headsets with A4M connector and MCP-90 Panel Microphones.
- One rack unit (RU) high.
- Universal Power: Ready for worldwide use. Accepts any mains voltage from 90-240 VAC, 47/63 Hz.

ARCHITECTURAL & ENGINEERING SPECIFICATIONS

The keypanel shall be compatible with ADAM™, ADAM™ CS and Zeus™ Digital Matrix Intercom Systems. It shall have a provision for both panel mount microphone and internal speaker, as well as, headset operation. The unit shall have twelve user assignable lever keys. The unit shall have an alphanumeric Call Waiting Window display and associated lever key. The unit shall have a universal power supply capable of operation from 90-240 VAC, over a range of 43-63 Hz. The unit shall consume one rack unit (RU) of space in a standard 19" equipment rack.

The MKP-12 Keypanel is specified.

PLEASE CONTACT US

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SPECIFICATIONS

FRONT AND BACK PANEL DESCRIPTIONS

Matrix Input/ Output

8 dBu nominal, 20 dBu maximum

Audio Performance

SNR at 8 dBu (A-weighted):
> 70 dB
THD+N at 8 dBu (Unweighted):
< 0.5%
Freq. Response (100 Hz - 10 kHz)
at 8 dBu: ± 1.5 dB
CMRR: > 70 dB

Panel Mic Input

Mic Type: Electret condenser
Power: Phantom (+5V DC)
Nominal Level: -42 dBu
Maximum Level: -25 dBu

Headset Mic Input

Mic Type: Dynamic
Nominal Level: -55 dBu
Maximum Level: -40 dBu

Headphone Output

Impedance: 50 to 600 ohms
Output Power:
150 mW into 50 ohms
Output Voltage Level:
8 volts p-p maximum

Speaker Output

4 Watts into 8 ohms maximum

Environmental

Operating Temperature:
-20°C to 50°C
Storage Temperature:
-40°C to 85°C
Humidity:
0 to 95%, non-condensing

Power Requirements

90 to 240 VAC, 47 / 63 Hz

Dimensions

1.72" (44mm) high x 8.19"
(208mm) wide x 8" (203mm) deep

Finish

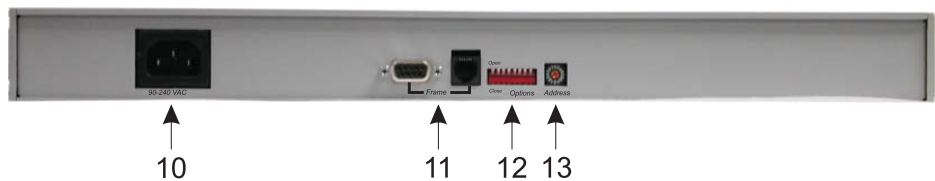
Thermoplastic front panel,
aluminum case, light gray finish.

Approvals

UL, CSA, VDE, CE



- Intercom Keys:** Assignable for several types of operation, including talk only, listen only, talk with auto-listen, and all-call (where activating the key also activates all keys to the left of that key). Keys feature momentary or latching operation. For momentary operation, the operator presses and holds a key while communicating, then releases it when finished. For latching operation, the operator taps a key to turn it on, then taps it again to turn it off. Latching can be disabled via an options switch (12) or from ADAMedit or ZEUSedit.
- Key Indicators:** Two bi-color (red and green) LED indicators for each key. Provide indications for talk on/off, listen on/off, incoming call, busy (for keys assigned to talk to IFB's), and in-use (for keys assigned to talk to either IFB's or ISO's).
- Designation Strip Holder:** Holds printed strip identifying key assignments. Works with ADAMedit and ZEUSedit designation strip print feature.
- Call Waiting Display and Response Key:** 4-character, alphanumeric display for incoming caller names. Talkback to caller via the response key. The call waiting window and response key are also used with the copy, clear, and scroll keys (5).
- Copy, Clear, and Scroll keys:** Used for key and setup page assignment. Can also be used to talk to any location in the intercom system when no intercom key is assigned. (Note: There are four setup pages. Each contains a complete set of key assignments.)
- Headset On/Off Key with Indicator.** When the headset is on, the speaker output and panel mic are off.
- Listen Volume Control:** Used to set volume for headset or speaker.
- Panel Mic Connector:** 1/4", 3-conductor phone jack with screw-in lock. Accepts MCP-90 Panel Microphone.
- Monaural Headset Connector:** A4F (XLR-4F) connector. Accepts any RTS headset with A4M (XLR4M) connector. Also accepts monaural headphones for use with a panel microphone, or accepts a handheld microphone for use with an external speaker.



- Universal Power Input:** Accepts any mains voltage from 90-240 VAC, 47-63 Hz.
- Intercom Frame Connectors:** Includes both 9-pin female D-Sub and RJ12.
- Options DIP Switches:** Used to set and/or select various functions relating to keypad operation.
- Address Select Switch:** 16-position rotary switch: Selects intercom port address.