

### KP-12 12-Position Keypanel

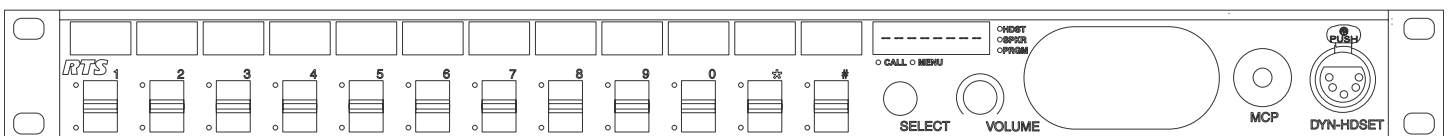


The RTS KP-12 Modular series of keypanels represents the ultimate in compact, fully programmable user stations. Based on a common set of internal modules (modules also available separately for custom designs) the KP-12 series has a common set of very powerful features, which make them attractive in mobile applications and in other situations where space is at a premium. Available in lever key versions and pushbutton versions, the basic KP-12 provides a menu driven, fully programmable, 12 key, user station in a single rack unit of space. Expansion panels and level control panels round out the offerings in the rackmount form factor. Available in gray or black.

## Features

- Extremely long-life, high-visibility green alphanumeric LEDs.
- Fully programmable via pull-down menus selected via front panel shaft encoder.
- Lever key versions provide individual Talk/Listen functions on each key.
- Pushbutton versions provide individually assignable talk, listen or T/L function on each button.
- All keys assignable for all functions (Point-To-Point, IFB, ISO, PL, SL, relay, GPI).
- Removable, optional MCP-90-XX gooseneck microphone.
- Universal power supply for 100–240VAC, 50/60Hz operations.
- Optional rear connector and GPI options available for rackmount panels.
- Wide range of keypanels and expansion panels for specific applications.

## Line Drawings



## Specifications

### Microphone Preamplifier

Audio Input Level (at 1kHz)

Electret Mic: -42dBu, 5k $\Omega$

Dynamic Mic: -50dBu, 150 $\Omega$

Output Level (to matrix): +8dBu,  $\pm 1$ dB

Max Voltage Gain, Mic to Line: 70dB

Frequency Response: 100Hz to 8000Hz,  $\pm 3$ dB

### Test Tone

Output Level (to matrix): +8dBu,  $\pm 2$ dB

Output Frequency: 880Hz

### Headphone Amplifier

Maximum Voltage Gain: 30dB

Frequency Response: 100Hz to 8000Hz,  $\pm 3$ dB

Headphone Impedance: 50 to 600 $\Omega$

Output Power: 150mW into 50 $\Omega$

Output Voltage Level: 8 Volts peak-to-peak (max.)

Mute:

Full: 70dB Min.

Partial: 0 to 30dB

Sidetone Range: 30dB

### Speaker Amplifier and Speaker

Frequency Response: 100Hz to 8000Hz,  $\pm 3$ dB

Output Power (per amplifier): 5 Watts into 4 $\Omega$

Output Voltage Level: 12 Volts peak-to-peak (max.)

Volume Control Range: 70dB

Mute:

Full: 70dB (min.)

Partial: 6dB 0 to 30dB adjustable

### Intercom Line Input/Output

Main Output: Nominal +8dBu,  $\pm 1$ dB

Main Input: Nominal +8dBu, Peak: +20dBu (max.)

External Line Input: Nominal +8dBu

### General

Input Power Requirements:

AC Supply: 90–230 VAC  $\pm 10\%$ , 50/60Hz

Environmental

Storage: -40°C to +60°C (-40°F to 140°F)

Operating: -10°C to +41°C (14°F to 105.8°F)

Dimensions: 8.156" W x 4.94" H x 9" D

(207.16 mm W x 125.48mm H x 228.6mm D)

Weight: 3.84lbs (1.74kg)

## Order Information

KP-12LKGRY-5F-USA • KP-12LK • 12-talk key lever key keypanel

KP-12PBGY-5F-USA • KP-12PB • 12-talk key pushbutton keypanel

The specification information is preliminary and is subject to change without notification.  
Brand names mentioned are the property of their respective companies.