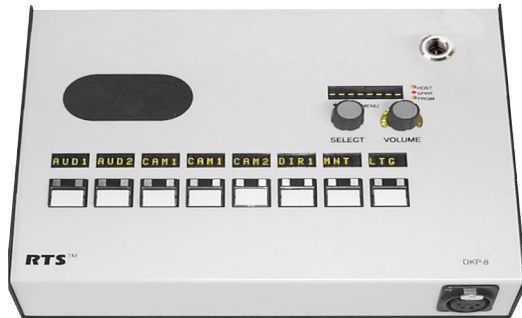


## DKP-8 & DKP-12 Desktop Keypanel



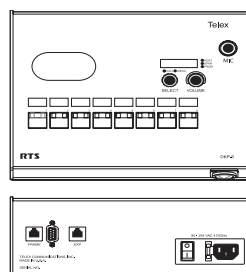
The DKP-8 has eight (8) programmable talk/listen intercom keys with 4-character alphanumeric displays; the DKP-12 has 12 programmable talk/listen intercom keys. The RTS Model DKP-8 and DKP-12 keypanels are similar to the Model KP-12 keypanel, but are designed for desktop applications not requiring any optional external connections, such as external program source, external headset, mic output, or external control input/output. In addition, they are not intended for use with expansion panels.

## Features

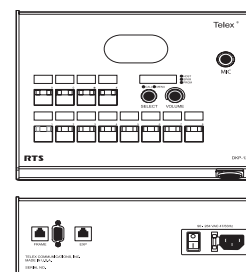
- Compatible with all RTS Digital Matrix intercom systems, including CS-9000 series, ADAM-M, ADAM, ADAM-CS, Cronus, and Zeus.
- Suitable for broadcast use, and other commercial and fixed-install applications such as paging, etc.
- All types of key assignments may be programmed using a menu-driven list. Eliminates complicated programming keystroke sequences.
- Independent volume adjustment for each channel (ADAM-M, ADAM, ADAM-CS, and Zeus only). Eliminates annoying variations in channel listen levels.
- Dual-action key operation with latch defeat: a single tap turns a key on or off for latched hands-free communication. Or, a key may be pressed and held for momentary-only operation. Latching may be disabled for selected keys to eliminate open-mic or open-transmit problems.
- Button lock: Talk and listen may be independently locked on or off for any key. Protects against accidental deactivation of important monitored channels.
- Local Groups: Selected keys can be assigned to groups for 1-key activation to create custom conference channels.
- Solo: Any key may be programmed to temporarily turn off all other keys when activated to create a local "ISO".
- Chime tones: One (1) of three (3) distinctive tones may be assigned to any key for incoming call/message announce. Adds caller ID when the user is away from the KP-12.
- Enhanced telephone support: Dialing is as easy as using a regular telephone. Three (3) types of telephone keys are possible: manual-dial, redial, or auto-dial.
- Available in push button or lever key versions.
- Ready for worldwide use: The DKP-8/DKP-12 is a "world product" capable of operating from 90–264 VAC, 50/60 Hz.

## Line Drawing

**DKP-8PB**



**DKP-12PB**



## Specifications

### Microphone Preamplifier

Audio Input Level (at 1kHz)  
Electret Mic: -42dBu, 5k $\Omega$   
Dynamic Mic: -50dBu, 150 $\Omega$   
Output Level (to matrix): +8dBu,  $\pm$ 1dB  
Max Voltage Gain, Mic to Line: 70dB  
Frequency Response: 100Hz to 8000Hz,  $\pm$ 3dB

### Test Tone

Output Level (to matrix): +8dBu,  $\pm$ 2dB  
Output Frequency: 880Hz

### Headphone Amplifier

Maximum Voltage Gain: 30dB  
Frequency Response: 100Hz to 8000Hz,  $\pm$ 3dB  
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,  $\pm$ 3dB  
Output Power (per amplifier): 5 Watts into 4 $\Omega$   
Output Voltage Level: 16 volts peak-to-peak (max)  
Volume Control Range: 70dB  
Mute:  
Full: 70dB Min  
Partial: 6dB 0 to 30dB adjustable  
Speaker: 2 Watts continuous, 4 Watts peak

### Intercom Line Input/Output

Main Output: Nominal +8dBu,  $\pm$ 1dB  
Main Input: Nominal +8dBu, Peak: +20dBu (max.)  
External Line Input: Nominal +8dBu

### General

Input Power Requirements:  
AC Supply: 90–230VAC  $\pm$ 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:  
Width: 9" (22.86cm)  
Depth: 7" (17.78cm)  
Height: Front: 1.75" (4.45cm) Back: 3.71" (9.42cm)

### Standard Connectors

(Other Connector Options Available)  
Panel Microphone: Compatible with RTS Model EGM-12 and EGM-18 Gooseneck Panel Microphones. MCP-90-XX  
Headset: XLR4 (female)  
AC Power Input: IEC 320  
Intercom: Parallel-wired DB9S and RJ12 Connectors.

## Order Information

DKP 8 LK GRY 4F • DKP-8LK • Desktop Keypanel  
DKP 8 PB GRY 4F • DKP-8PB • Desktop Keypanel  
DKP-12LK • DKP-12LK • Desktop Keypanel  
DKP-12PB • DKP-12PB • Desktop Keypanel

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