(Pushbutton Version Shown Above, Lever Key Version Also Available)
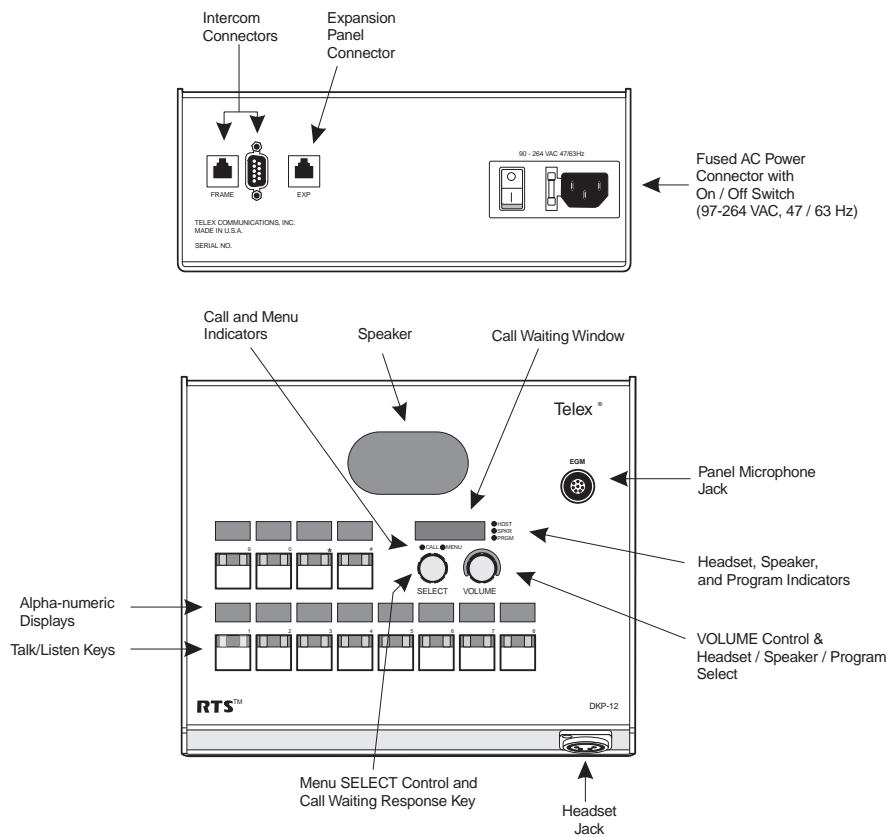
FEATURES AND BENEFITS

■ Compatible with all RTS™ Digital Matrix Intercom Systems, including CS9000 Series, ADAM™, ADAM CS, and Zeus.

■ Suitable for broadcast use, and other commercial and fixed-install applications such as paging, etc.

■ Menu-driven key assignment: All types of key assignments may be programed using a menu-driven list. Eliminates complicated programming keystroke sequences.

■ Independent volume adjustment for each channel (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 one-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 of three distinctive tones may be assigned to any key for incoming call/message announce. Aids caller ID when the user is away from the KP-12.

■ Enhanced telephone support: Dialing is as easy as using a regular telephone. Three 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. It meets applicable FCC, UL, CSA, VDE, and EC specifications.

DESCRIPTION

The RTS™ Model DKP-8 and DKP-12 Keypanels are similar to the Model KP-12 Keypanel, but are designed for desktop applications that do not require any optional external connections, such as external program source, external headset, mic output, or external control input/output. Also, they are not intended for use with expansion panels. The DKP-8 has 8 assignable talk/listen intercom keys with four-character alphanumeric displays; the DKP-12 has 12.

In all other respects, features are the same as the KP-12: There is an 8-character alphanumeric display which is used for programming and to display the names of callers who are not assigned to intercom keys. A dual-purpose Select control accesses the programming menus and also responds to unassigned callers. The keypanel operator can also access any destination in the intercom system via the menus and then use the Select control to talk to that destination. Plus, it is possible to quickly change the entire set of key assignments using the Setup Page feature. As with the KP-12, there are both talk and listen LED indicators for each key, and the user can quickly identify which keys are activated for listen and/or talk. Incoming calls are indicated by a user-selectable 15-second or continuous red flash, and there are three distinctive chime tones available for incoming call announcement. Plus, there is an "in-use" indication for keys assigned to ISO or IFB operation, and a "busy" signal when attempting to talk to an IFB while another keypanel with higher priority is talking.

Although no direct external connections (other than intercom) are supported, the DKP-8/DKP-12 keypanels provide full support, via the intercom connection, for the RTS Model TIF951 Telephone Interface. With the ability to store auto-dial numbers locally and assign them to keys, the user can access a phone line and dial a number with a single key tap. For simplicity, all status indicators and chime tones work the same way for phone keys as for regular intercom keys.

Intercom Connectors

Expansion Panel Connector

90 - 264 VAC 47/63Hz

FRAME   EXP

TELEX COMMUNICATIONS, INC.
MADE IN U.S.A.
SERIAL NO.

Fused AC Power Connector with On / Off Switch (97-264 VAC, 47 / 63 Hz)

Call and Menu Indicators

Speaker

Call Waiting Window

Telex®

EGM

Panel Microphone Jack

HDST
SPKR
PRGM

CALL   MENU

Headset, Speaker, and Program Indicators

Alpha-numeric Displays

SELECT   VOLUME

VOLUME Control & Headset / Speaker / Program Select

Talk/Listen Keys

RTS™   DKP-12

Menu SELECT Control and Call Waiting Response Key

Headset Jack

Model DKP-8/DKP-12 Specifications

Microphone Preamplifier

Audio Input Level (at 1 kHz):	
Electret Mic:	-42 dB, 5 kohm
Dynamic Mic:	-60 dBm, 150 ohms
Output Level (to matrix):	+8 dBu, ± 0.2 dBu
Max Voltage Gain, Mic to Line:	70 dB, ± 2 dB
Frequency Response:	100 Hz to 8000 Hz, ± 3 dB

Test Oscillator:

Output Level (to matrix):	+8 dBu ± 2 dBu
Output Frequency:	400 Hz

Headphone Amplifier:

Maximum Voltage Gain:	30 dB
Frequency Response:	100 Hz to 8000 Hz, ± 3 dB
Headphone Impedance:	50 to 600 ohms
Output Power:	150 mW into 50 ohms
Output Voltage Level:	8 volts peak-to-peak (max.)
Mute:	Full: 70 dB min. Partial: 0 to 30 dB
Sidetone Range:	30 dB

Speaker Amplifier and Speaker

Frequency Response:	100 Hz to 8000 Hz, ± 3 dB
Output Power (per amplifier):	5 watts into 4 ohms
Output Voltage Level:	16 volts peak-to-peak (max.)
Volume Control Range:	70 dB

Mute:	Full: 70 dB min. Partial: 6 dB, 0 to 30 dB adjustable
Speaker:	2 watts continuous, 4 watts peak

Intercom Line Input/Output

Intercom Output:	+8 dBu, ± 0.2 dBu nominal
Intercom Input:	+8 dBu, nominal; ± 20 dBu maximum

General

Input Power Requirements:	
AC Supply:	90-264 VAC, 50/60 Hz
Environmental:	
Storage:	-40°C to +60°C
Operating:	-10°C to +41°C
Dimensions:	1 RU x 5.5" (140 mm) deep

Standard Connectors (Other connector options available)

Panel Microphone:	Neutrick NTRK-8F female jack. Compatible with Telex Model EGM-12 and EGM-18 Gooseneck Panel Microphones.
Headset	XLR4 female
AC Power Input:	IEC 320
Intercom:	Parallel-wired DE9S and RJ-12 Connectors