

DKP-16 CLD

Color Display Desktop Keypanel

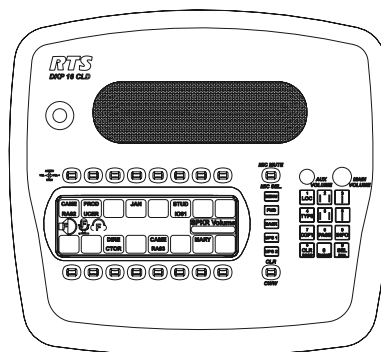
The DKP-16 CLD is the desktop member of the CLD color keypanel family from RTS. Like its rackmounted counterpart, the DKP 16 CLD is controlled using a ground-breaking full-color graphic interface. The desktop keypanel sports innovative conveniences which are the new standard among the RTS CLD keypanel family. A USB port, two (2) user-programmable buttons, 1-touch listen volume adjustment, and a backlit keypad are features which set this keypanel family apart. The DKP-16 CLD is attractively designed with a curvaceous housing and compact footprint for desktop configurations.



Features

- The full-color LCD displays host a rich and intuitive graphic user interface.
- Flat front panel is ergonomically designed to fit easily into any control room or truck application. The back panel is optimized for future expansion.
- 16, multi-directional keys used for talk, listen, and emulation of traditional level control function.
- Designed to allow optional connections to the matrix through current and future standard transmission formats.
- DKP 16 CLD allows up to three (3) auxiliary inputs, three (3) relays, independent digital gain control for microphone sources, configurable audio routing and much more through an option board.
- **DSP** (Digital Signal Processing), acoustic echo cancellation, equalization, mixing, filtering, and metering.
- Two (2) user-programmable buttons (UPG-1, UPG-2) provide custom shortcuts to menu functions.

Line Drawing



Specifications

LCD Display

Size: 4.9" LCD

Resolution: 320 x 96 (RGB)

Input Sources

Panel Microphone/GPIO MIC IN

Electret Microphone Input Level

Nominal Level: -42.5dBu

Maximum Level: -22.5dBu

Impedance: 1k to 10kΩ

Headset

Dynamic Microphone Input Level

Nominal Level: -50dBu

Maximum Level: -30dBu

Impedance: ≤600Ω

Electret Microphone Input Level

Nominal Level: -45dBu

Maximum Level: -25dBu

Impedance: 1k to 10kΩ

Keypanel Input

Nominal Input Level: 8dBu

Maximum Input Level: 20dBu

Auxiliary Input

Nominal Input Level: 8dBu

Maximum Input Level: 20dBu

Output Sources

Keypanel Output

Nominal Input Levels: 8dBu

Maximum Input Level: 20dBu

Frequency Response: 100–15kHz ±2dB

MIC OUT

Nominal Input Level: 8dBu

Maximum Input Level: 20dBu

Frequency Response: 100–15kHz ±2dB

Headphone Speaker

Power: 80mW into 600Ω

Impedance: ≥8Ω

Panel Speaker

Frequency Response: 100–15kHz ±2dB

Sensitivity, W/dB: 84

Power: 4W, 8Ω

Tone Generator

Output Level: 8dBu

Output Frequency: 500Hz or 1kHz

Connectors

Panel Microphone: ¼" Jack

Left Panel Headset: 4- or 5-pin female XLR

Right Panel Headset: 4- or 5-pin female XLR

Keypanel Audio Input/Output:

DB-9, RJ-45 (Supports RTS RJ-12 cabling or standard

CAT-5 cabling)

GPIO MIC OUT: Male XLR-3

GPIO MIC IN: Female XLR-3

GPIO Aux 1-2: Female XLR-3

GPIO Aux 3 & GPIO Speaker Left & Right: DB-9

GPIO Relays: 1–3 DB-9

GPIO Opto-Isolators 1–3: DB-9

General

Dimensions: 3.2" H x 10.1" W x 9.2" D

(81.28mm x 256.54mm x 233.68mm)

Weight: 3.78lbs (1.71kg) (no option cards installed)

4lbs (1.81kg) (GPIO option card installed)

Power Consumption:

	No Option Card	GPIO	RVON	GPIO & RVON	
				Analog to Matrix	RVON to Matrix
120V/60Hz	36VA	73VA	45VA	81VA	77VA
220V/50Hz	45VA	89VA	54VA	99VA	95VA

Input Power:

100~240VAC, 50–60Hz

Order Information

DKP16CLD • DKP 16 CLD • Color Display Desktop Keypanel

DKP16CLD • US Power Cord

DKP16CLD • Euro Power Cord

DKP16CLD • UK Power Cord

The specification information is preliminary and is subject to change without notification.
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Form Number: F.01U.196.137 Rev. 06

Date: March 2013

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