

## DKP-16 CLD

### Color Display Desktop Keypanel

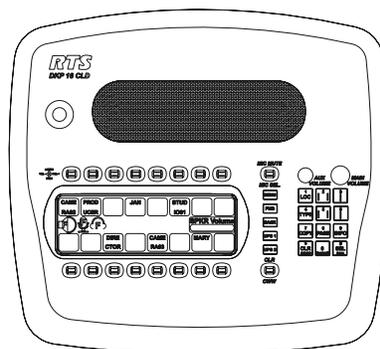
The DKP-16 CLD is the desktop member of the CLD color keypanel family from RTS. Like its rackmounted counterpart, the DKP 16 CLD is controlled using a ground-breaking full-color graphic interface. The desktop keypanel sports innovative conveniences which are the new standard among the RTS CLD keypanel 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

