



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 also sports innovative conveniences which are the new standard among the RTS CLD keypanel family. A USB port, two user-programmable buttons, one-touch listen volume adjustment, and a backlit keypad are just some of the common features which set this keypanel family apart. The DKP 16 CLD is designed with a curvaceous housing and compact footprint that sits attractively in desktop configurations.

Features

Full-Color LCD Displays

The new color displays host a rich and intuitive graphic user interface that allows to indicate different keypanel functions in different colors.

Modern, Modular Design

Flat front panel is ergonomically designed to fit easily into any control room or truck application. The back panel is optimized for future expansion.

Multi-Directional Keys

16, multi-directional keys used for talk, listen, and emulation of traditional level control function.

Future Expansion

Designed to allow for an expansion panel and optional connections to the matrix through current and future standard transmission formats.

Enhanced Features

DKP 16 CLD allows up to six auxiliary inputs, three relays, independent digital gain control for microphone sources, configurable audio routing and much more through an option board

DSP Processing

Acoustic Echo Cancellation, Equalization, Mixing, Filtering, and Metering

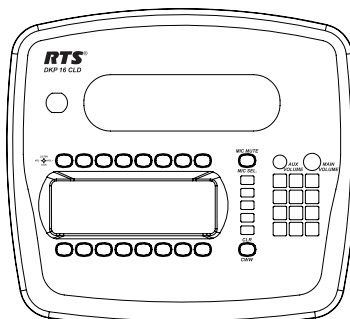
USB

For future expansion and other planned interface features.

User-Programmable Buttons

Two user-programmable buttons (UPG-1, -2) provide custom shortcuts to menu functions.

Line Drawing



DKP 16 CLD 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: -42.5 dBu
Maximum Level: -22.5 dBu
Impedance: 1 to 10 k Ω

Headset

Dynamic Microphone Input Level
Nominal Level: -50 dBu
Maximum Level: -30 dBu
Impedance: \leq 600 Ω
Electret Microphone Input Level
Nominal Level: -45 dBu
Maximum Level: -25 dBu
Impedance: 1 to 10 k Ω

Keypanel Input

Nominal Input Level: 8 dBu
Maximum Input Level: 20 dBu

Auxiliary Input

Nominal Input Level: 8 dBu
Maximum Input Level: 20 dBu

Output Sources

Keypanel Output
Nominal Input Levels: 8 dBu
Maximum Input Level: 20 dBu
Frequency Response:
100 - 15 kHz \pm 2dB

MIC OUT

Nominal Input Level: 8 dBu
Maximum Input Level: 20 dBu
Frequency Response:
100 - 15 kHz \pm 2dB

Headphone Speaker

Power: 80mW into 600 Ω
Impedance: \geq 8 Ω

Panel Speaker

Frequency Response:

250 - 15 kHz \pm 2dB
Sensitivity, W/dB: 84
Power: 4W, 8 Ω

Tone Generator

Output Level: 8 dBu
Output Frequency: 500 Hz or 1 kHz

Connectors

Panel Microphone: 1/4" Jack
Left Panel Headset: 4- or 5-pin Female XLR
Right Panel Headset: 4- or 5-pin Female XLR
USB: USB Type A
Keypanel Audio Input / Output:
DB-9, RJ-45 (Supports RTS RJ-12 cabling or Standard Cat5 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:
3.78 lbs (1.71kg) (no option cards installed)
4 lbs (1.81kg) (GPIO option card installed)
Actual Power Consumption:
Quiescent - 8W
Full Load - 33W
Full Load with RVON-2 - 36W
Input Power:
100~240VAC, 50-60Hz,
power consumption 70W

Contact Information

Bosch Security Systems, Inc.
12000 Portland Avenue South
Burnsville, Minnesota 55337
Telephone: 877-863-4169
Fax: (800) 323-0498

Form Number: LIT000254000 Rev D
Date: October, 2009

Ordering Information

DKP 16 CLD
Color Display Desktop Keypanel
Catalog Number:
900078580XX US Power Cord
900078581XX Euro Power Cord
900078582XX UK Power Cord

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