

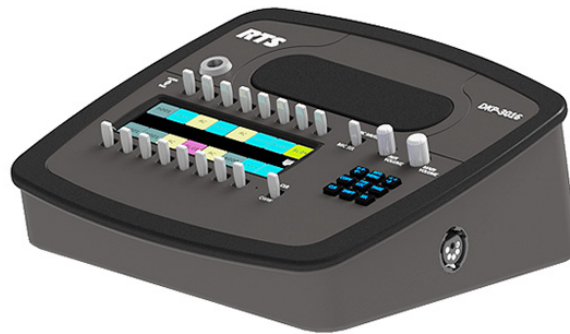
DKP-3016/DKP-3016W

OMNEO-Capable Color Display Desktop / Wall Mount Keypanel

The DKP-3016 keypanel delivers superior high-quality digital audio using the Bosch-branded OMNEO technology with Dante by Audinate audio over IP. The DKP-3016 delivers top-notch audio, free of noise, delay, and other artifacts present in older technology. As with other RTS products, emphasis has been placed on backward compatibility with previous generations of matrices including analog technology.

Also available is the DKP-3016W wall mount keypanel version.

The DKP-3016 keypanel utilizes the latest generation of wide angle TFT displays providing superior clarity and resolution, delivering high-quality readability under a variety of lighting conditions.



Desktop Unit

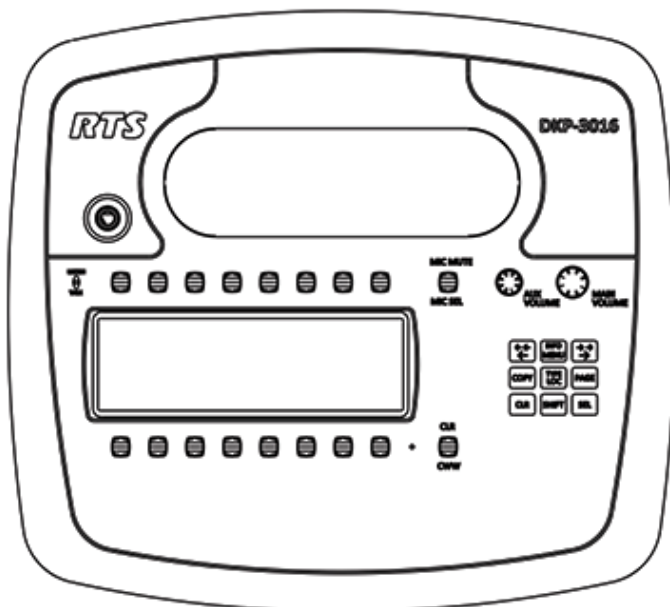


Wallmount Unit

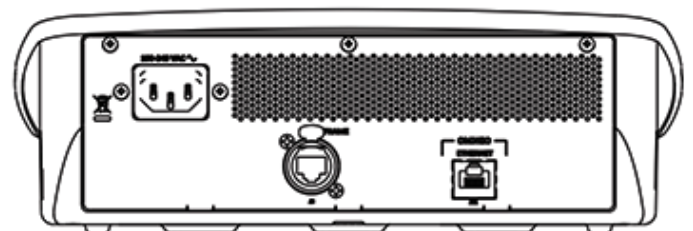
Features

- Backward compatible with older technologies such as analog audio in USOC and 568-B connector formats.
- New wide-angle high-definition display.
- Talk/listen lever keys
- Enhanced navigation menus optimized for ease of use.

Line Drawing



Front Panel View



Rear Panel View

Specifications

LCD Display:

Active Area: ...120.10 mm (wide) x 35.86 mm (high)
 Dot Resolution: 576 x 172 pixels
 Color Resolution 16-bit (64K)RGB color
 View Angle:..... 80 degrees (typical; all directions)

Power Supply:

Type:..... Internal
 AC Input:..... 100–240 VAC 50/60 Hz

Inputs:

Matrix

Type..... Balanced
 Typical Input Level..... +8 dBu
 Typical Input Impedance..... 20 kΩ
 Maximum Input Level +20 dBu
 Supported Bandwidth 100 Hz to 20 kHz

Panel Mic

Type..... Electret
 Typical Input Level..... -42 dBu
 Typical Input Impedance..... 1 kΩ
 Maximum Input Level -25 dBu

Left and Right Headset Mic - Electret

Typical Input Level..... -42 dBu
 Typical Input Impedance..... 1 kΩ
 Maximum Input Level -25 dBu

Left and Right Headset Mic - Dynamic

Typical Input Level..... -50 dBu
 Typical Input Impedance..... 600 Ω
 Maximum Input Level -25 dBu

Outputs:

Matrix

Type..... Balanced
 Typical Output Level..... +8 dBu
 THD+N% <0.20%
 Typical Output Impedance..... 600 Ω
 Maximum Output Level..... +20 dBu
 Frequency Response 100 Hz to 20 kHz

Headset - Left and Right

Maximum
 Output Power..... 125 mW for 32 Ω load
 Earphone Impedance 16 Ω and above
 THD+N% <0.20%
 Frequency Response 20 Hz to 20 kHz

Digital:

OMNEO Channels

Typical OMNEO Latency 1 ms
 Frequency Response 20 Hz to 20 kHz

RVON

Compression	Bit Rate	Coding Delay	Playout Delay	Bandwidth	Sample Rate
G.711	64 kbps	125 μs	20-60 ms	160-224 kbps	8 k
G.729AB	8 kbps	10 μs	20-120 ms	32-112 kbps	8 k
G.722	64 kbps	4 μs	20-60 ms	160-224 kbps	16k

* Data rate depends codec selection

Note: The Playout Delay and Bandwidth depend on the configured amount of audio per packet.

Environmental:

Dimensions

3.60 in. H x 10.63 in. W x 9.35 in. D
 (91.5 mm H x 270.1 mm W x 237.6 mm D)

Weight

Weight 3.59lb (1.63kg)

Temperature

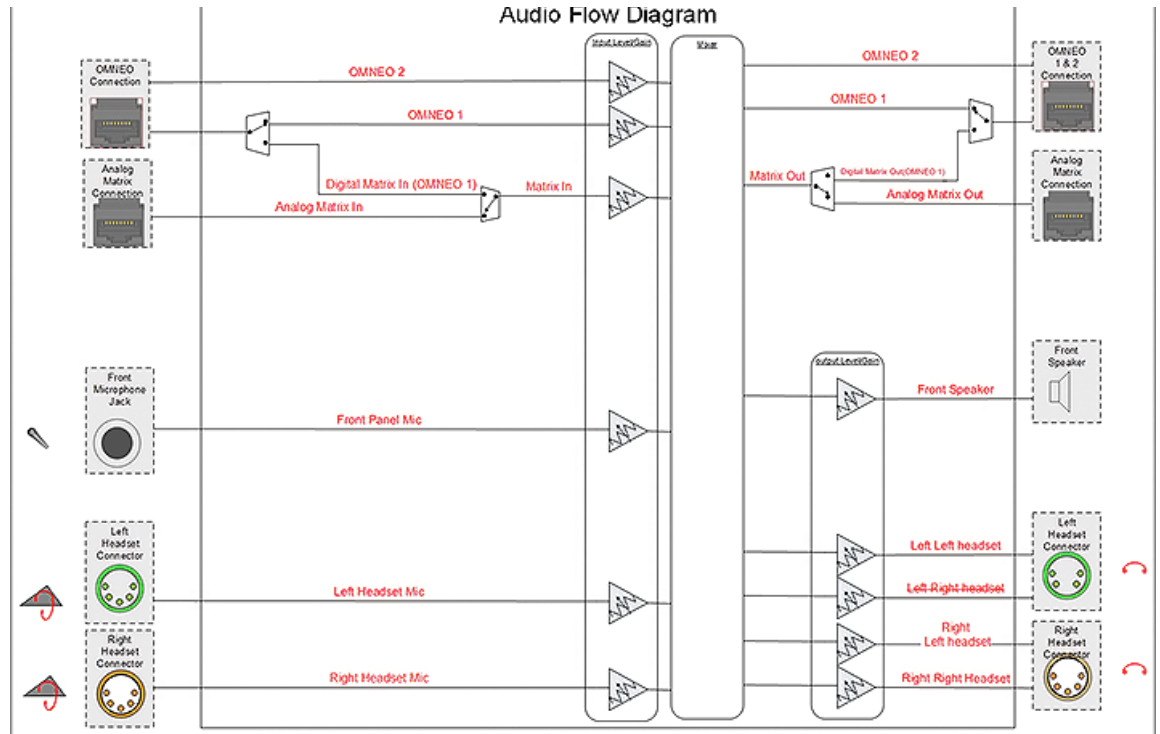
Operating..... 32°F to 122°F (0°C to 50°C)
 Storage -4°F to 158°F (-20°C to 70°C)

Power Consumption:

Nominal 13 Watts
 Maximum 17 Watts
 Maximum Volt Amp..... 42 VA

Certification:

CE Compliant
 UL Certified
 PSE



Order Information

- DKP3016 •DKP-3016 Desktop Keypanel
- DKP3016W •DKP-3016W Wallmount Keypanel

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