

KTD-348-164U*16 x 4 Matrix Switcher*

Starting as a 16 input by 4 output switcher, the KTD-348-164U can be easily expanded to 32 inputs by 4 or 8 outputs. Standard features include looping video inputs, programmable alarm inputs and an RS232 port for operation from a computer. Control is via twisted pair cable from as many as 64 keypad locations. The switcher uses standard Digiplex protocol, allowing it to be programmed for camera sequence tours, alphanumeric titling, individual or universal dwell times, etc.

Microprocessor-based circuitry allows the KTD-348-164U to receive commands from the KTD-405U (not supplied) controller keypad. A separate serial data port is provided for relay follow communication. All ICs are socketed for easy removal and replacement. A 220 VAC/12 VDC external transformer is supplied for chassis power. Rack mount accessories are available for the KTD-348-164U allowing it to be installed in a standard 19" (2 U) equipment rack.

***Standard Features***

- **16 inputs by 4 outputs**
- **Expandable to 32 by 8**
- **Programmable alarm inputs**
- **Up to 64 control points**
- **Digiplex protocol**
- **Standard 90 mm vertical rack space**
- **RS422 communications**
- **12 VDC power supply**
- **BNC connectors for video**

KTD-348-164U

16 x 4 Matrix Switcher

Specifications

| Input | |
|------------------------|---------------------------------------|
| Voltage | 12 VDC or 9 VAC |
| Power | 15.5 V |
| Miscellaneous | |
| Video inputs | 16 or 32 |
| Video outputs | 4 or 8 |
| Bandwidth | 32 MHz at -1.5 dB 50 MHz at -3 dB |
| Signal/noise | -60 dB (RMS rel. 1 V p-p) |
| Gain | 0 dB \pm 1 dB |
| Impedance | 75 ohm, input and outputs |
| Alarms | RS232, RS422 removable barrier strips |
| Power | Two conductor 5 mm coaxial jack |
| Video | BNC connectors |
| Mechanical | |
| Weight | 4.6 kg |
| Dimensions (W x H x D) | 420 x 197 x 90 mm |

Ordering Information

| Part No. | Description |
|--------------|---|
| KTD-348-164U | 16 camera input x 4 monitor output, includes 16 alarm inputs, one RS232 port & 12 VDC PSU |



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