

TKP-4

4-Position Value Series Keypanel for Tektronix WFM Mounting

The TKP-4 is ideal for installation in small broadcast facilities, owing to its ½ x 3 RU (Rack Unit) form factor, compatible with Tektronix and other WFM/Vectorscope products. Provided with a pressure fit front bezel and universal 100–240VAC power supply, the unit is perfect for TD consoles, equipment racks, camera control positions, anywhere an empty slot is available in a WFM rack assembly.

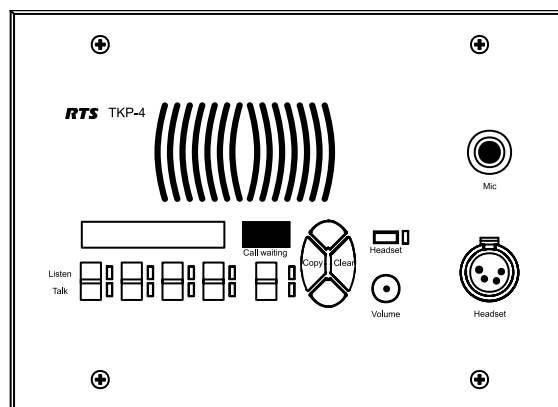


Features

- Works with ADAM-M, ADAM, ADAM-CS, Cronus and the Zeus Digital Matrix intercom systems.¹
- Full-function intercom keys with LED indicators.
- Alphanumeric call waiting display with response key.
- Access to intercom key and setup page assignments.
- 4-wire balanced audio input and output.
- Several microphone/speaker/headphone combinations possible, including: headset (microphone & headphones), headphones & panel-mounted microphone, speaker & panel-mounted microphone, speaker & handheld microphone.
- Works with: RTS headsets with A4M connector; MCP-90-XX panel microphones.
- Easy installation setup.
- Ready for worldwide use. The TKP-4 can be powered from an optional AC adapter, which accepts 100–240VAC, 47/63Hz. Alternatively, the TKP-4 may be powered from a user-supplied, 15–24VDC, 1 Amp, regulated power source.

¹ Note, the value series keypanels have limitations when used with trunked intercom systems

Line Drawing



Specifications

Matrix Input/Output

8dBu nominal, 20dBu (max.)

Audio Performance

SNR at 8dBu (A-weighted): >70dB

THD+N at 8dBu (Unweighted): <0.5%

Frequency Response at 8dBu: ± 1.5 dB from 100Hz–10kHz

CMRR: >70dB

Panel Mic Input

Mic Type: Electret condenser

Power: Phantom (+5VDC)

Nominal Level: -42dBu

Maximum Level: -25dBu

Connector Type: 1/4", 3-conductor phone jack.

Tip: Audio+ and DC bias

Ring: Audio-

Sleeve: No connection

Headset

Mic

Type: Dynamic

Nominal Level: -55dBu

Maximum Level: -40dBu

Headphone

Impedance: 50 to 600 Ω

Output Power: 150mW into 50 Ω

Output Voltage Level: 8 volts p-p (max.)

Connector Type: A4F (Mates with A4M)

Pin 1: Microphone -

Pin 2: Microphone +

Pin 3: Headphone -

Pin 4: Headphone +

Speaker

Output: 4 Watts into 8 Ω (max.)

Connector type: 1/4", 3-conductor phone jack

Tip: Speaker +

Ring: Speaker -

Sleeve: No connection

Environmental

Operating Temperature: -20°C to 50°C (-4°F to 122°F)

Storage Temperature: -40°C to 85°C (-40°F to 185°F)

Humidity: 0 to 95%, non-condensing

Power Requirements

15–24VDC, 1 Amp, regulated

Dimensions

5.2" (132mm) H x 8.38" (213mm) W x 3.25" (83mm) D
behind front panel.

Weight

1.84 lbs (0.83kg)

Finish

Aluminum front panel and case, light gray finish

Order Information

TKP-4 • TKP-4 • 4-position keypanel for Tektronix WFM mounting

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