



WKP-1

Value Series Wall Keypad

The WKP-1 keypanel is the industrial keypanel from Telex®. Telex® has refined the look of multi-location security with this keypanel. It offers simplified operation and integrates seamlessly with RTS® digital intercom systems (RTS® ADAM/ZEUS intercom systems). The physical size and weather-resistant design provides a flexible and robust intercom system. The GPI relay switch lets the user set up door latching, unlatching and other related actions by pressing a single button from any panel in the system. The WKP-1 fits a standard US dual gang electrical box.

Features

Environmental

The unit sustains exposure to rain, snow, and direct sun, allowing it to work in all environments. It operates in temperatures ranging from -30° F (-34° C) to 120° F (49° C). The mechanical design of the anodized, aluminum front panel and non-removable volume control knob provide a vandal resistant panel.

GPI Relay

The WKP-1 has a local GPI relay four-pin terminal contact closure to give the user the functionality of latching, unlatching doors or other related functions, with the press of a button.

Front Panel

Single button interface for push to talk operation. There is a built-in waterproof speaker for listening capabilities. The panel has three LEDs used to indicate power ON, microphone ON, and Incoming Call Signaling.

Microphone

The WKP-1 keypanel has a built-in waterproof Electret microphone. The microphone can be “hot mic” enabled or disabled through the use of a dip switch setting.

Keypanel Assignment

Key assignments, GPIO operation, and panel listen/muting functions are set via AZedit™ Software for the intercom matrix.

Audio Control

Vandal and weather resistant front panel volume controls adjusts listen level to the internal speaker. An internal limit adjustment sets the lower level of minimum volume achievable.

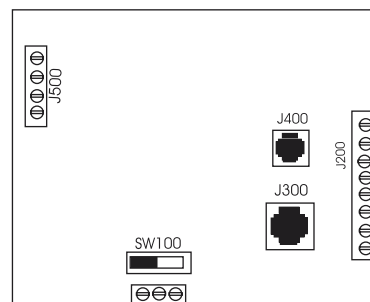
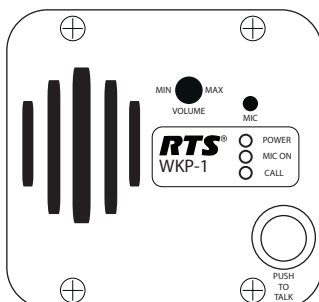
Audio Processing

An integral limiter/compressor insures maximum intelligibility of the spoken word. The compressor uses the RTS® Standard compression design.

Dual Power

The keypanel can be powered locally or remotely via a CAT 5 connection from the matrix.

Line Drawing



WKP-1 Specifications

Matrix

Input/Output: 8 dBu nominal, 16 dBu maximum

Panel Mic Input

Mic Type: Electret Condenser

Nominal Level: -44 dB \pm 3 dBu

Directivity: Omni Directional

Speaker

Output: 3 watts

Power Requirements

15 VDC 250 mA for local power

24 VDC up to 500 mA for remote power at distances of
300 ft. - 1000 ft.

Connections

RJ-45 for use with Standard CAT-5 cabling

RJ-12 for use with RTS® Matrix Standard 3-pair cabling

Terminal Strip for use with unterminated cabling

Weight

0.76 lbs (0.35 kg)

Ordering Information

WKP-1

Single-channel industrial keypanel

Catalog Number: 90007746000

WKP-1 BOP

8-port Breakout and power distribution panel

Catalog Number: 90007746000

This specifications information is preliminary and is subject to change without notification.

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