



## WKP-1

### Value Series Wall Keypanel

The WKP-1 keypanel is the industrial keypanel from RTS. RTS 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.

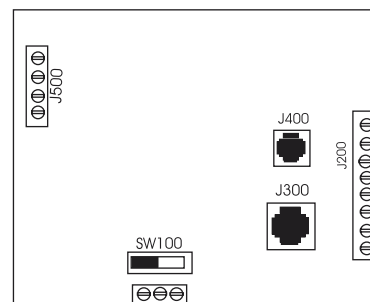
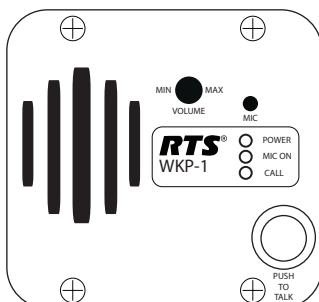
### Audio Processing

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)

## Contact Information

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Date: April, 2006

## Ordering Information

### WKP-1

Single-channel industrial keypanel

Catalog Number: 90007746000

### WKP-1 BOP

8-port Breakout and power distribution panel

Catalog Number: 90007781000

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

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