



INNOVATIVE INDUSTRIAL SOLUTIONS

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WKP-1



The WKP-1 keypanel is the industrial keypanel from Telex. It offers simplified operation and integrates seamlessly with RTS digital intercom systems (RTS ADAM, Cronus, ZEUS intercom systems). The physical size and weather-resistant design provides a flexible and robust intercom system. The GPI relay switch lets user set up door latching, unlatching and other related actions by pressing a single button from any panel in the system. Network capable through the RVON I/O.

INNOVATIVE INDUSTRIAL SOLUTIONS, INC.

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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 to 120° F. The mechanical design of the anodized, aluminum front panel and non-removable volume control knob provide a vandal resistant panel.
- **Front Panel:** Single button interface for push to talk operation. There is a built-in waterproof speaker for listening capabilities. The panel has three LED's 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.
- **Key Panel Assignment:** Key assignments, GPIO operation, and panel listen/muting functions are set via AZ-Edit Software for the intercom matrix.
- **Audio Control:** Vandal and weather resistant front panel volume control adjusts listen level to the internal speaker. An internal limit adjustment sets the lower level minimum volume achievable.
- **Audio Processing:** An integral limiter/compressor insure maximum intelligibility of the spoken word. The compressor insures uses the RTS Standard compression design.
- **Dual Power:** The keypanel can be powered locally or remotely via CAT5 connection from the matrix.

Specifications

Matrix

Input/Output: 8dBu nominal, 16dbu max

Panel Mic Input

Mic Type: Electret Condenser

Nominal Level: -44dB \pm 3 dBu

Directivity: Omni Directional

Speaker

Output: 3 Watts

Power Requirements

15VDC 250mA for local power

24 VDC up to 500 mA for remote power "300 or more"

Connections

RJ45 for use with Standard 3-pair cabling.

Terminal Strip for use with undetermined cabling

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