DSC
From Tyco Security Products

Universal 2-Way VOX Audio Verification Module
PC5950

Features That Make a Difference:

- Supports both 2-way audio VOX and push-to-talk verification

- Supports 4 microphones and 2 speakers

- Silent/Listen-in functionality on hold-up alarms (activates only when an alarm occurs)

- User call-in feature

- Universal installation compatible with any control panel using either PGM and/or Bell dry contact outputs

- KEYBUS direct connect allows all programming to be performed at the system keypad or remotely using DLS IV software

- KEYBUS installation compatible with all new PowerSeries control panels (PC1616/1832/1864) for a quicker and enhanced installation

Reduce false dispatches with the easy-to-install PC5950 universal 2-way VOX audio verification module.

The PC5950 allows homeowners to directly engage monitoring station operators in conversation, explaining to them the nature of an emergency. By doing this, a homeowner is able to verify the validity of an alarm and effectively reduce false dispatches.

Communication to the monitoring station is achieved by using hands-free, 2-way instantaneous audio VOX and/or the push-to-talk feature. This is achieved through a combination of microphones and speakers installed in up to 4 locations on the premises.

The PC5950 offers easy and flexible installation. It can be installed into the DSC main control panel cabinet and programmed via a DSC keypad. The module can also be connected to non-DSC control panels and programmed via a touchtone phone.

Your customers will appreciate being able to monitor their premises remotely by simply using a telephone. To ensure privacy, monitoring stations can only listen-in when an alarm has occurred.

How it Works

The PC5950 provides talk/listen-in capability for audio verification alarms. The module permits the monitoring station to monitor microphones and communicate to the occupants through speakers, in accordance with SIA false alarm reduction legislation.

The user can also remotely initiate audio monitoring of the premises using a touchtone phone.

Phone Key and Mode Key Options Keys

The PC5950 connects directly to PowerSeries control panels via the KEYBUS. Non-DSC control panels can be connected using the Bell output and a programmable output (PGM). A Telco connection is provided for telephone line connections. The PC5950 talk/listen-in options are selectable by the monitoring station operator using telephone keys (1-9) and (*). Some of the options that are available include:

- High-gain talk-to-all: connects the monitoring station to all speakers at a high volume level.

panels, keypads & modules

- Two-way VOX: connects the monitoring station to all speakers and all active microphones. An internal voice switch automatically toggles between "listen" and "talk" modes.

- Disconnect and call-back window: disconnects the session then starts the call-back window (if programmed) to allow the monitoring station to resume the session later.

- Zone select: enter a 2-digit zone number after entering this key to activate a microphone input associated with the zone for a listen-in session. If the selected zone does NOT have a microphone input, the function is cancelled and the module reverts to the previous state.

Supporting Station Configurations

- 4 PC5961 and/or PC5962
- 2 PC5964
- 1 PC5964 and 3 PC5961 and/or PC5962
- 4 PC5921

Compatibility

The PC5950 is compatible with the following control panels: PC1864, PC1832, PC1616.

Related Audio Stations

Stand-Alone 2-Way Audio Station (PC5961)

- Equipped with speaker/microphone
- New modern look
- Specifically designed for 2-way voice verification
- 4-wire connection to module
- Bell follower functionality (replaces internal sounder on premises)

Contoured 2-Way Audio Station (PC5962)

- Equipped with speaker/microphone
- Fits seamlessly to side of PK/RFK series of keypads
- New modern look
- Specifically designed for 2-way voice verification
- 4-wire connection to module
- Bell follower functionality (replaces internal sounder on premises)

2-Way Large Audio Station (PC5964)

- Equipped with speaker/microphone
- New modern look
- Specifically designed for 2-way voice verification
- 4-wire connection to module
- Bell follower functionality (replaces internal sounder on premises)

Specifications

Operating Temperature Range.... 32° to 122°F (0° to 50°C)

Humidity .... 0% to 93% non-condensing

Operating Voltage (RED, BLK) .... 11.0 - 13.8 VDC (Max)

Current Draw (Board Only) .... 54 mA (Max)

Current Draw (Max) .... 150 mA (Max)

Aux Output .... 11.5 - 12.5 VDC

    PC5961, PC5962 .... 60 mA (Max)

    PC5964 .... 200 mA (Max)

Wiring Distance (For Each Station) .... 500 ft (152 m)

Audio Range (Line of Site):

    PC5961, PC5962 .... 25 ft (7.6 m)

    PC5964 .... 50 ft (15.2 m)

Ordering Information

PC5950 .... Universal 2-Way VOX Audio VerificationModule

PC5961 .... NEW Stand Alone 2-Way Audio Station

PC5962 .... NEW Contoured 2-Way Audio Station

PC5964 .... NEW 2-Way Large Audio Station

PC5961   PC5964   PC5962
(pictured with PK5500 keypad, sold separately)