

## Usage

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This product is designed for sites where bell indication in alarm condition is not sufficient and an occupant warning system utilizing speakers and horns is required.

This product will provide audible tones in accordance with AS2220 in the event of an alarm condition to a string of cone speakers or horns to a total of 50 Watts of power.

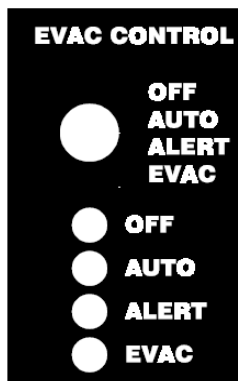
## Operation

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The OWS module has 4 modes of operation (plus Public Address)

1. Off
2. Auto
3. Alert
4. Evacuate

Control is achieved by the use of a rotary switch located on the front of the Fire Panel, with the current status displayed on LED indicators adjacent. (As Below)



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### OFF MODE

The OFF mode is to be used during maintenance periods or to prevent automatic operation of the Occupant Warning System . This mode prevents ALL output from the Occupant Warning System.

This mode will prevent tones being transmitted in the event of an alarm.

This is confirmed by an indicator and a fault will register on the Fire Panel when in this mode.

### AUTO MODE (Normal)

This is the normal mode of operation for an Occupant Warning System.

In the AUTO mode, receipt of a signal from the alarm from the fire alarm system will automatically place the system into **ALERT** mode for a pre-determined period (settable up to 5 minutes) and then automatically change over to Evacuate mode until the alarm is reset from the fire panel or is manually overridden by the rotary switch.

### ALERT MODE

This mode allows the operation of the amplifier to be manually controlled by trained personnel in a trial or real evacuation sequence. The operator has full control of the system in this mode and the **ALERT** tone will be sounded continuously until the system is returned to the **Auto** or **Off** position.

### EVAC MODE

This mode allows the operation of the amplifier to be manually controlled by trained personnel in a trial or real evacuation sequence. The operator has full control of the system in this mode and the **EVACUATE** tone will be sounded continuously until the system is returned to the **Auto** or **Off** position.

### PUBLIC ADDRESS VIA MICROPHONE (OPTIONAL)

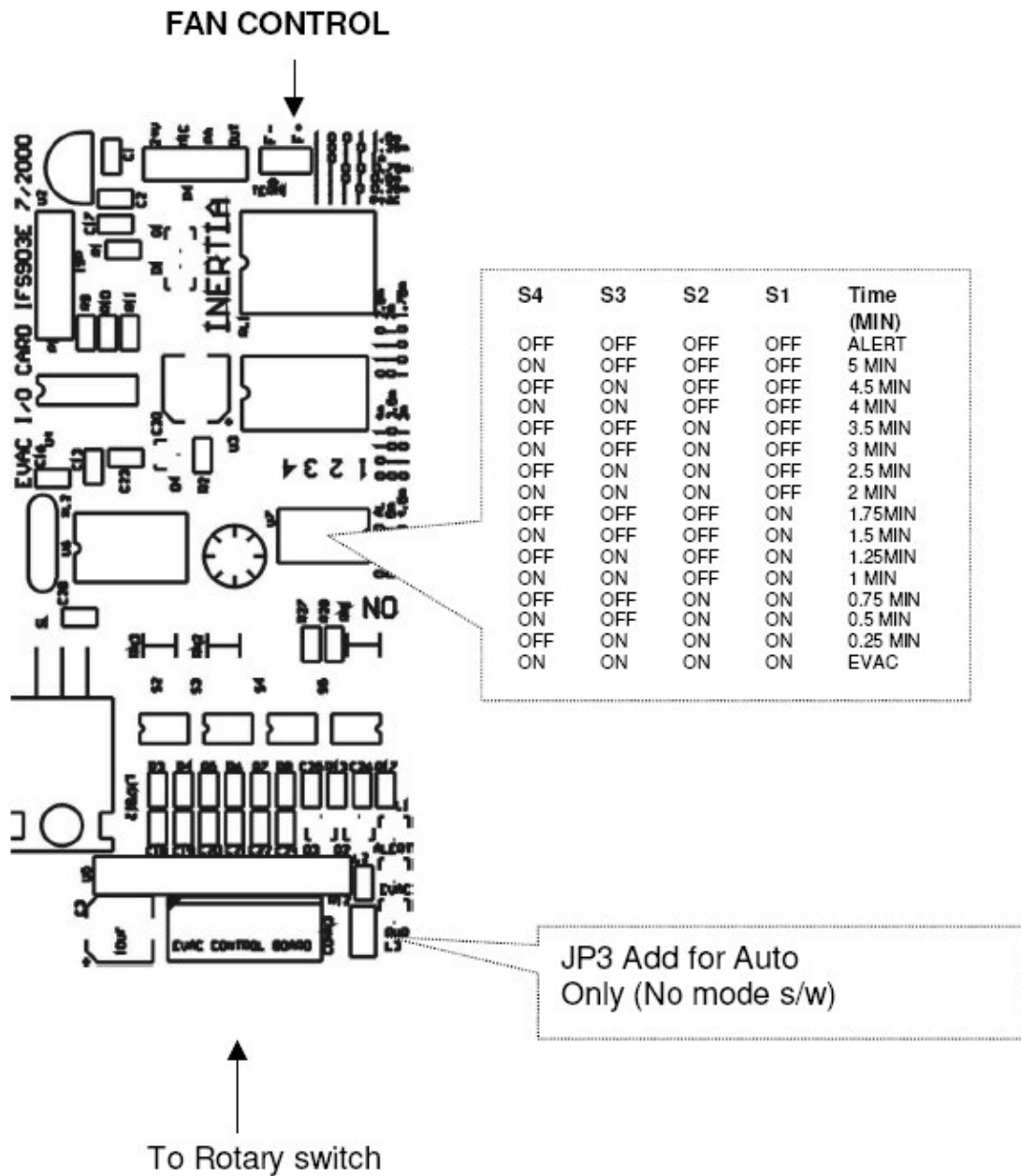
At any time the operator can override any tones to make a public announcement by pressing the “Press to talk” key on the side of the handheld microphone. Public address announcements always take priority over any other output from the system. Releasing the press to talk button return the system to its previous condition.

### BACKGROUND MUSIC MODE (BGM -OPTIONAL)

When the system is in auto mode and there is no alarm, background music can be playing thru the system. This output is the lowest priority and will be overridden by any ALERT EVAC or PA tone.

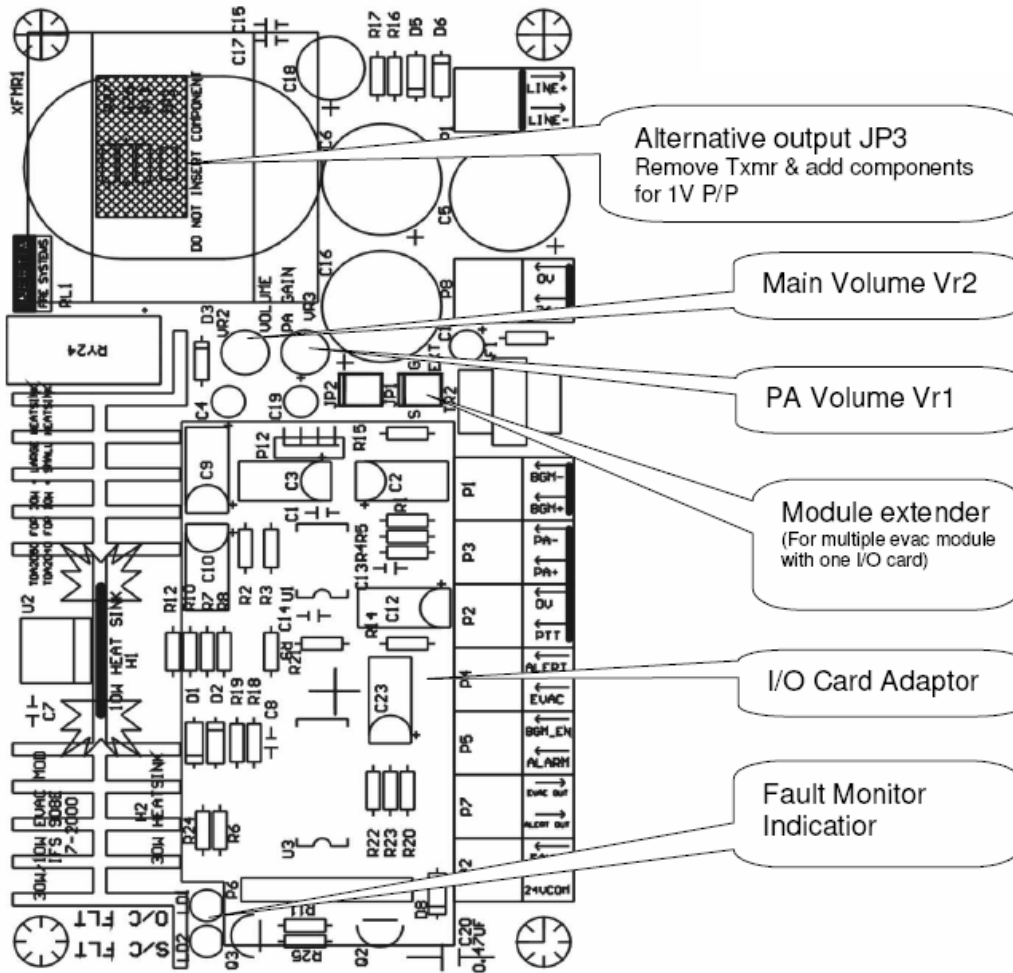
### Settings:

**I/O CARD:** The main function of the I/O card is to detect input from external terminal blocks and generate output tones or transfer sound from PA & MIC to the main EVAC board. When any sound or tone is active, the fan control will be automatically on. Also the I/O card detects all the user timer setup via dip switches as specified below in AUTO mode.



### AUTO MODE ONLY

JP1 is provided for situations where auto only operation is required and the mode switch is not fitted



#### SPECIFICATION:

- Operational Voltage 27VDC+10%
- Output Power 50 Watts
- Speaker Line 100V
- Power Consumption Up to 5.0 Amp Peak
- Dimensions 155mm x 85mm