



# Fire Phone Intercom

## Product Overview:

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The **Fire Phone Intercom** is designed specifically for use as a warden intercom point (WIP) in emergency warning systems (EWS).

The intercom is used for communication between floor wardens and the main emergency evacuation control panels. When the handset is lifted, the Fire Phone Intercom automatically calls the emergency evacuation control panel. When the emergency evacuation control panel calls the WIP the call tone sounds through the speaker in the body of the phone. Lifting the handset automatically transfers sound from the phone body speaker to the handset speaker.



Fire Phone Intercom

## Features:

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- » Selectable line impedance 600  $\Omega$  or 4.7 k $\Omega$
- » Separate speaker for call tone
- » Simple two wire connection
- » SSL approved, complies with AS2220
- » Includes wall mounting bracket
- » Call tone 80 dB 1 W / 1 m
- » Frequency response 300 Hz – 3 kHz

## Specifications:

» Call Tone	80 dB 1 W/1 m
» Frequency Response	300 Hz – 3 kHz
» Line Impedance	600 $\Omega$ or 4.7 k $\Omega$ , selectable
» Terminations	Screw terminals
» Material	ABS

## Installation (See figure 1):

Terminals 1, 2: Connection terminals 1 and 2 (on the bottom of the unit) are for connecting the audio from the control panel.

Terminals 3, 4: The fire phone is able to sound the call tones through an external speaker. This is done by connecting the speaker to terminals 3 and 4. If you are not using an external speaker, the call tone volume can be increased by shorting together terminals 3 and 4.

Terminals S1, S2: No connection.

## Configuration (See figure 2):

JUMPER JP1 Call tones can be directed to the speaker in the body of the fire phone or to the speaker in the handset.

Linking Pins 1 and 2: This directs the call tone to the speaker in the body of the fire phone. The fire phone is factory set to this position.

Linking Pins 2 and 3: This directs the call tone to the speaker in the handset.

Jumpers JP2: This jumper sets the line impedance of the fire phone.

Linking Pins 1 and 2: This sets the line impedance to 600 $\Omega$ . The fire phone is factory set to this position.

Linking Pins 2 and 3: This sets the line impedance to 4.7 k $\Omega$

**Operation:** To call the master control panel, simply lift the handset from the cradle. When the control panel answers two-way communication is possible. When the handset is called, the ring tone sounds through the speaker. When the call is answered, two-way communication is possible.

**Important Note:** The user may suffer some discomfort if they hold the handset to their ear and press the hook switch down while waiting for a call. When the phone rings the call tone will sound very loudly in their ear. This only occurs when JP1 is selected to Pin 2 and 3. We recommend that the handset is always returned to the cradle when waiting for a call.

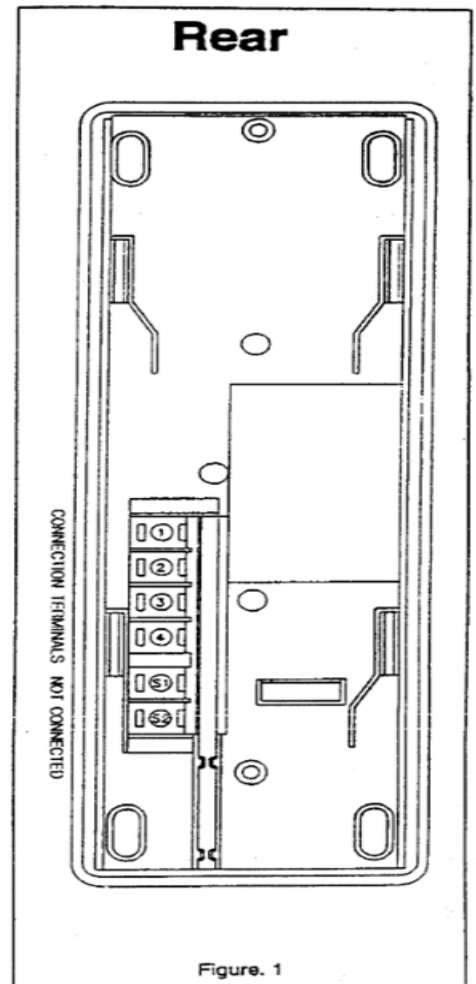


Figure. 1

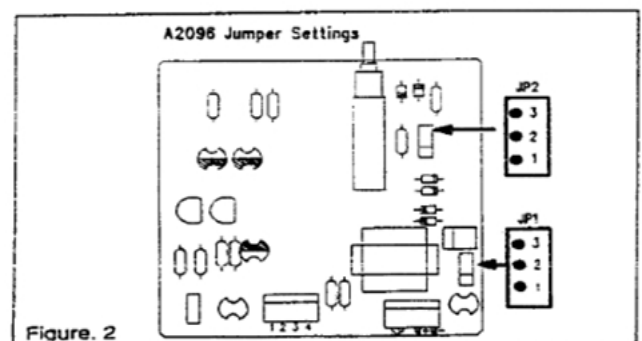


Figure. 2

## Ordering Information:

Product Code	Description
A2096	Fire Phone Intercom Red - WIP