Product Guide
A 4574 Alert / Evacuation Tone Generator

REDBACK®

A 4574 Alert / Evacuation Tone Generator

Overview

The A 4574 has provision for playback of Alert, Evacuation and chime tones as well as an alert and/or emergency message. When connected to a paging system amplifier, building occupants can be alerted and/or evacuated in the event of an emergency e.g.: fire, gas leak, bomb scare, earthquake.

Alert and evacuation tones based on Australian standard AS1670.4 All tones and messages are MP3 based and are stored on a Micro SD card which is accessible from the front of the unit. The Alert, Evacuation and bell tones and cancel function are triggered by the front switches, or by the rear terminal contacts for remote activation i.e. a clock, remote switch or optional A 2078B and A 2081 remote wall plates. It has a choice of 5 chime tones and 3 repeating tones as well as momentary or continuous operation of evac tones.

It features 24V DC switched outputs which are enabled when the Alert, Evac or Chime tones are triggered. It is powered from a 24V DC source (plugpack supplied) and features a line out facility and MP3 based Message Voice Over.

Remote plates

Allows alert, evac and chime tones to be triggered remotely. A cancel button is also provided. Protective "flip up" covers to prevent accidental operation. All connections via screw terminals. Switches are momentary. Fits standard wall box. Dual fascia plates included.

A 2081 Connects to main A 4574 unit via 7 core cable.

A 2078B Connects to main A 4574 unit via 9 core cable.

A 2081 Alert/Evac/Chime Control

A 2078B Alert/Evac Control

Key Features

✓ **Australian made**

✓ **10 year manufacturer warranty with local product support**

✓ Level controls for alert/evac, bell and voice over.

✓ Front panel alert/evac/bell and cancel switches.

✓ All tones MP3 based.

✓ Alert/Evac Emergency tones can be configured for momentary or continuous operation.

✓ 1U half rack cabinet.

✓ Alert and Evac Tones conform to AS 1670.4 (Library included on Micro SD card).

✓ Compatible with fire indicator boards & break glass alarms.

✓ Remote operation of alert , evac, bell tones & cancel.

✓ Local operation of alert, evac and bell.

✓ MP3 based Alert and Evacuation Voice over message facility.

✓ Bell chime facility.

✓ Switched 24V DC outputs for override relays or strobes (outputs limited to 120mA).

✓ On-board timer for remote alert activation adjustable from 30secs to 7.5min in 30 second increments.

✓ Switches from alert to evac after preset time.

✓ Auxiliary level output.

About Redback® Public Address Products

Redback® products are proudly designed, engineered and manufactured in Australia.
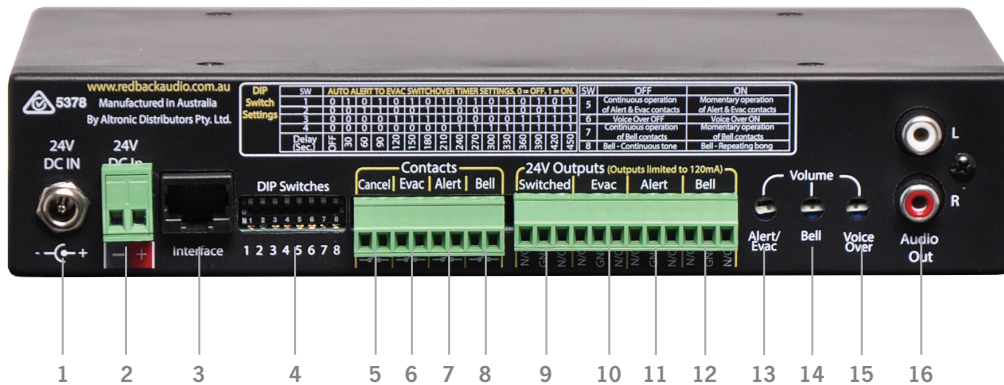
Each unit is covered by a comprehensive 10 year parts and labour warranty. Redback® offers rock solid reliability from over 40 years experience in the commercial sound industry. Redback® offer locally available servicing and parts, plus the ability to offer feedback direct to the manufacturer.

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Rear Panel

1	24VDC Input	**7**	Alert contacts	**13**	Alert/evac output level
2	24VDC Input	**8**	Bell (Chime) contacts	**14**	Bell (chime) output level
3	Interface Port	**9**	Switched 24V output	**15**	Voice over output level
4	DIP Switch Settings	**10**	Evac 24V output	**16**	Stereo RCA audio output
5	Cancel contacts	**11**	Alert 24V output		
6	Evac contacts	**12**	Bell (Chime) 24V output		

Specifications

Electrical
Output level:	0dBm
Frequency response:	140Hz - 20kHz
Mic input sensitivity:	2mV balanced
Power supply:	24V dc
Protection:	1A fuse

Inputs & Outputs
Audio output:	RCA stereo socket
Switched 24V DC out:	Screw terminals
Mic input:	Screw terminals
Remote contacts:	Screw terminals

Mechanical
Dimensions:	≈210W x 145D x 44H
Weight:	≈0.4 kg

Accessories
A 2078B	Alert/evac control remote wall plate
A 2081	Alert/evac/chime control remote wall plate

Architect Specifications

The control panel shall generate emergency alert and evacuation tones (Conforming to Australian Standard AS1670.4) and bell chime tones. It shall be able to be operated manually from the control panel, automatically by input from a fire indicator board or via remote switches. When triggered, both alert and evacuation operations shall also switch 24V DC relays to connect power to external strobe lamps. Rear mounted pluggable terminals shall provide for remote triggering of the chime, alert and evac tones by closing contacts. The rear panel shall have separate volume controls for Chime, alert evac tones, and voice over message. The unit shall have provision for tones and messaging playback via MP3 via on board SD card slot. The unit shall be remote triggerable by A 2081 and A 2078B wallplates. Audio output shall be by dual line level RCA sockets. The unit shall operate from 24V DC. The control panel shall be housed in a half width 1RU ABS rack chassis. The control panel shall be a REDBACK model A 4574.