

Product Guide**A 4500** 50 Event 4 Output Timer & Evac Tone Generator

A 4500 50 Event 4 Output Timer & Evac Tone Generator

**Overview**

The A 4500 is a weekly timer and Evacuation controller all housed in a convenient 1RU rack mount chassis. A total of 50 “event” switching times are available through the timing functions. Each event can be set to turn on any single day of the week or on multiple days, from 1 sec up to 24 hours. When a timing event is activated, an MP3 audio file will be played and output through the dual RCA line level output. There are three MP3 playback options for the timing events, which include the Bell, Prebell and a Music option. An SD card which is supplied, houses all the MP3 files to be played as well as storing all the timing events (Note: The audio files must be in MP3 format). The timing events can be programmed via the unit’s front buttons which is a bit cumbersome, or they can be programmed with the supplied PC software (also available as a download).

The timing events can also be programmed to only trigger the Bell 24V out (and in turn the common 24V Out), with no audio output. This is activated by setting the output to the “relay” option in the programming setup.

The Evacuation controller is designed around industry standard building emergency alert/evacuate requirements. 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 & Evac switches on the front of the unit are fitted with safety covers to prevent accidental operation.

The Alert, Evacuation and Bell tones and the cancel function are triggered by the front switches, or by the rear terminal contacts for remote activation. Switched 24V DC Out connections are provided for Bell, Alert, Evac or a Common out. These contacts are for connection of override relays in remote volume controls, warning strobes, bells etc.

The alert and evacuation tones are stored on the SD card (Emergency Tones which conform to AS1670.4 are supplied) to allow the user to provide any tones they require (Note: The audio files must be in MP3 format).

The Evacuation mode has a voice over option for the playback of an evacuation message every third cycle of the evac tone. The voice over message is also stored on the SD card and is DIP switch enabled.

Key Features

- ✓ **Australian made**
- ✓ **10 year manufacturer warranty with local product support**
- ✓ 1U 19” rack mount
- ✓ 50 event times
- ✓ Switching time between 1s and 24 hours
- ✓ Remote trigger of tones
- ✓ 24V DC operation
- ✓ Alert/Evac and bell chimes
- ✓ Pluggable screw terminals

Improvements Over A 1700A (previous model)

- New compact 1RU case
- Better timer functionality with 50 events
- Custom bell and pre-bell MP3 tones (load via SD card).

About Redback® Public Address Products

Redback® products are proudly designed, engineered and manufactured in Australia.

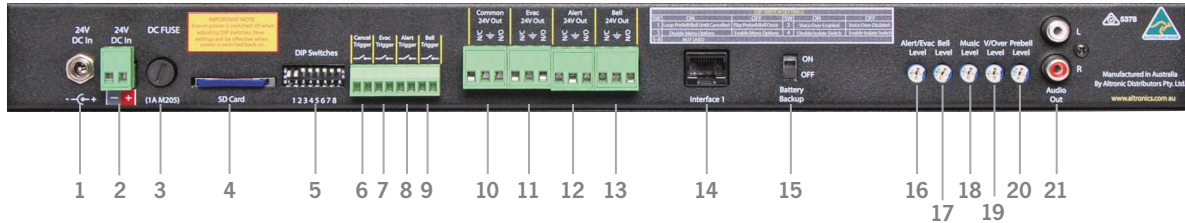
Each unit is covered by a comprehensive 10 year parts and labour warranty. Redback® offers rock solid reliability from over 30 years experience in the commercial sound industry. Redback® offer locally available servicing and parts, plus the ability to offer feedback direct to the manufacturer.

Product Guide

A 4500 50 Event 4 Output Timer & Evac Tone Generator



Rear Panel



1	24V DC Input (2.1mm jack)	8	Alert Contacts	15	Battery Backup
2	24V DC Input (Screw terminal)	9	Bell Contacts	16	Alert/Evac Level
3	1A DC Protection Fuse	10	Fire 24V Output	17	Bell Level
4	SD Card Slot	11	Evac 24V Output	18	Music Level
5	DIP Switch Selectors	12	Alert 24V Output	19	Voiceover Level
6	Cancel Contacts	13	Bell 24V Output	20	Pre-Bell Level
7	Evac Contacts	14	RJ45 Interface Port	21	Audio Output RCA

Specifications

Electrical

Max cycle times:	50 stations
Output level:	0dBm
Frequency response:	140Hz - 20kHz
Power supply:	24V DC
Protection:	1A fuse

Controls

LED Indicators:	Power, MP3 error, pre-bell activate
Buttons:	Menu, isolate, up, down, enter, alert, evac, bell, cancel
Options:	DIP switch selectable (on rear panel)

Inputs & Outputs

Audio output:	RCA stereo socket
Switched 24V DC out:	Screw terminals
Remote contacts:	Screw terminals

Mechanical

Dimensions:	≈483W x 140D x 44H
Weight:	≈1.5 kg

Architect Specifications

The timer shall be housed in a 19" single rack unit case and shall have switched outputs at 24V and four closing contacts which activate simultaneously. The unit shall have a total of 50 station or cycle times. Each station shall be set to turn on any day of the week or multiples of days (e.g. Monday-Friday) for up to 24 hours. The unit shall be able to set each station to any of the four outputs. Each output shall be able to be manually selected on or off. The unit shall have battery backup capability to prevent memory loss during power failure. The unit shall be a REDBACK A 4500.



Made in Australia by Altronic Distributors Pty. Ltd.

Ph: 1300 780 999 Fax: 1300 790 999 Internet: www.altronic.com.au

© 2016 Altronic Distributors Pty. Ltd. Specifications subject to change without notice. E&OE. Revision date: 04/10/2016.