

A 4500D - 24 Hour 7 Day Timer With Evac Tone Generator



Overview

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 audio file will be played and output through the RCA line level output. There are 99 audio playback options for the timing events, which include the Bell, Prebell, Music and outputs 5-99. A Micro SD card which is supplied, houses all the audio files to be played as well as storing all the timing events. The timing events can be programmed via the unit's front buttons or they can be programmed with the supplied PC software.

The timing events can also be programmed to activate only a relay with no audio output. This is activated by setting the output to the "relay" option in the programming setup. Once activated the common 24V Out will become active.

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

Features

- Australian made
- 10 year manufacturer warranty with local product support
- MP3 audio format files required for Bell, Prebell and Music timing outputs
- Emergency Tones conform to AS 1670.4 (supplied)
- Random play of audio files for Prebell and Music triggers
- Easy PC based timing event setup
- Local push button operation of Alert, Evac, Bell and Isolate
- Remote triggering of Alert, Evac and Bell functions via closing contacts
- Remote triggering of Alert, Evac, Bell and Isolate functions via optional wall plates
- Emergency Paging (Optional via Redback A 4660A)
- Voice over message (In Evacuation cycle)
- Switched 24VDC output for Bell, Alert or Evac mode
- Pluggable screw terminal connections
- Auxiliary level output
- Battery backup of current time
- 24V DC operation
- Standard 1U 19" rack mount case
- Suitable for any amplifier with an auxiliary input

About Redback® Public Address Products

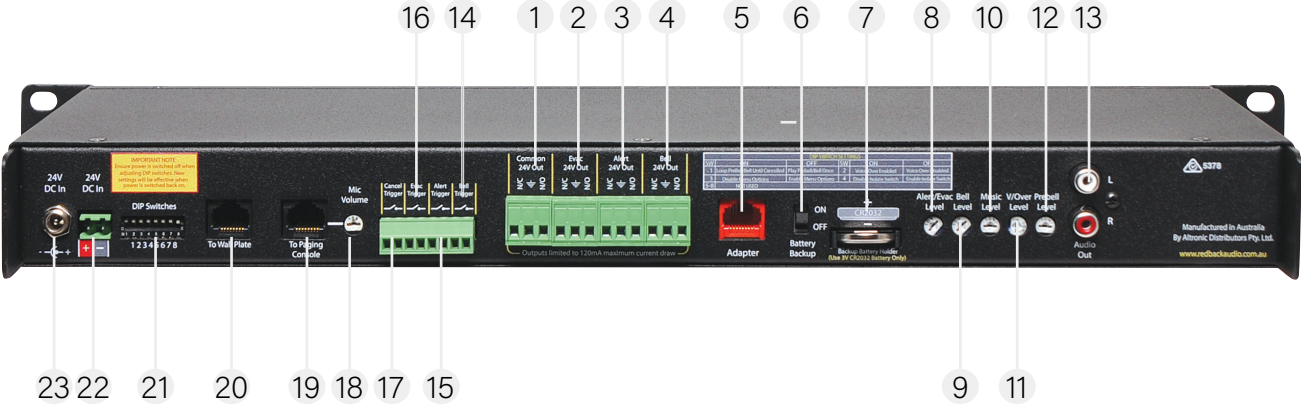
Redback® products are proudly designed, engineered and manufactured in Australia.

Each unit is covered by a comprehensive 10 year parts and labour warranty. Redback® offers rock solid reliability from over 50 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

Common 24V Out
- 2

Evac 24V Out
- 3

Alert 24V Out
- 4

Bell 24V Out
- 5

Network Adapter
- 6

Backup Battery Switch
- 7

Backup Battery
- 8

Alert/Evac Volume
- 9

Bell Volume
- 10

Music Volume
- 11

Voice-over Volume
- 12

PreBell Volume
- 13

Audio Out RCA Connectors
- 14

Bell Contact
- 15

Alert Contact
- 16

Evac Contact
- 17

Cancel Contact
- 18

Mic Volume
- 19

RJ45 Interface
- 20

RJ45 Interface
- 21

DIP Switches
- 22

24V DC Input (Backup)
- 23

24V DC Input

Specifications

General	
Power Supply	24V DC
Backup Battery	3V CR2032
Dimensions	482W x 175D x 44H
Weight	2.1kg
Colour	Black
MP3 File Format	128kbps, 44.1kHz, 32bit
Indicators	Power on, MP3 error, Prebell, Music, Other MP3 folders
Output Connectors	
Audio output	RCA Stereo Socket
Common 24V DC Out	Screw Terminals
Lockdown 24V DC Out	Screw Terminals
Fire 24V DC Out	Screw Terminals
Bell 24V DC Out	Screw Terminals
Input Connectors	
24V DC Power	Screw Terminals
24V DC Power	2.1mm DC jack
Remote Lockdown, Fire, Bell, Cancel	Screw Terminals
Muting	Via Microphone Switch Contact
Electrical	
Output level	0dBm
Distortion	0.01%
Frequency Response	140Hz - 20kHz
Signal to Noise Ratio	-70dB typically

Controls	
Lockdown/Fire	Rear Volume
Voice over	Rear Volume
Bell	Rear Volume
Prebell	Rear Volume
Music	Rear Volume
Power	On/Off Switch
Lockdown Switch	Illuminated Push Switch
Fire Switch	Illuminated Push Switch
Bell Switch	Illuminated Push Switch
Cancel Switch	Push Switch