

**Product Guide****A 4500C** 24 Hour 7 Day Timer With Evac Tone Generator

# A 4500C 24 Hour 7 Day Timer & 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 from 1 sec up to 24 hours. When a timing event is activated, an MP3 audio file will be played with 99 playback folders to choose from, which include bell, pre-bell, music and folders 5-99 on the included micro SD card. If more than one MP3 is in a folder the MP3 will be random played. Timing events can be programmed on the unit or with included PC software.

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. Provision for connection to A4564 paging console for emergency paging and remote activation of alert/evac and chime functions. Remote activation is also available via a suite of wall plates which can be wired back to the controller using Cat5 UTP cabling.

The units timer and bell times can be remotely managed over a local area network (LAN) or virtual private network (VPN) using A 4498 ethernet adaptor pack.

## Key Features

- ✓ **Australian made**
- ✓ **10 year manufacturer warranty with local product support**
- ✓ MP3 bell, prebell & music timing outputs.
- ✓ Emergency tones conform to AS 1670.4.
- ✓ Random play for prebell and music.
- ✓ Easy PC based timing event setup.
- ✓ Remote triggering of alert, evac and bell.
- ✓ Switched 24VDC out for bell, alert/evac.
- ✓ Pluggable screw terminal connections.
- ✓ Auxiliary level output.
- ✓ Battery backup of current time.
- ✓ 24V DC operation.
- ✓ Standard 1U 19" rack mount case.
- ✓ Suitable for any amp with an aux input.
- ✓ Includes Power Supply

## About Redback® Public Address Products

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

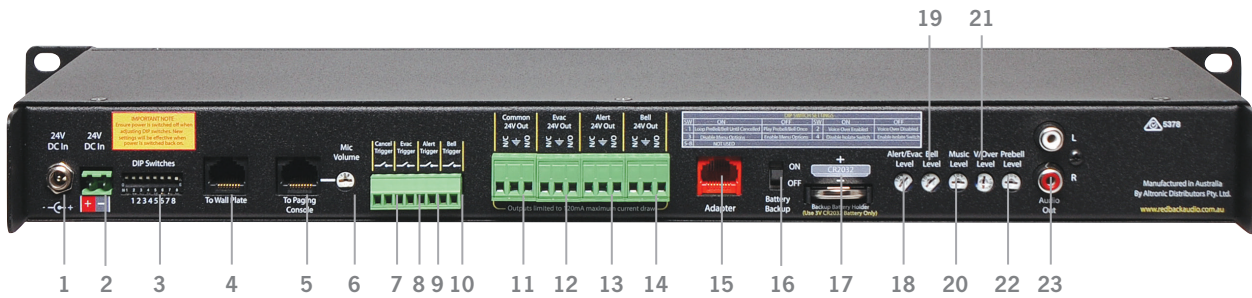
Each unit is covered by a comprehensive 10 year parts and labour warranty. Redback® offers rock solid reliability from over 45 years experience in the commercial sound industry. Redback® offer locally available servicing and parts, plus the ability to offer feedback direct to the manufacturer.

## Product Guide

### A 4500C 4 Output Timer & Evac Tone Generator



#### Rear Panel



1	24V DC Input (2.1mm jack)	9	Alert Contacts	17	Backup Battery
2	24V DC Input (Back Up)	10	Bell Contacts	18	Alert/Evac Volume
3	DIP Switches	11	Common 24V Out	19	Bell Volume
4	RJ45 Interface	12	Evac 24V Out	20	Music Volume
5	RJ45 Interface	13	Alert 24V Out	21	Voice - over Volume
6	Mic Volume	14	Bell 24V Out	22	PreBell Volume
7	Cancel Contacts	15	RJ45 Adapter	23	Audio Out RCA Connectors
8	Evac Contacts	16	Backup Battery Switch		

#### Specifications

##### Electrical

Output Level:	0dBm
Distortion:	0.01%
Freq. Response:	140Hz - 20kHz
Signal to Noise Ratio:	-70dB typically
Muting:	Via Microphone Switch Contact
MP3 File Format:	128kbps, 44.1kHz, 32bit, VBR or CBR, Stereo (even better as mono).
Data Transmission:	Cat5e cabling max 300m
Power supply:	24V DC
Backup Battery:	3V CR2032

##### Controls

Alert/Evac:	Rear Volume
Voice over:	Rear Volume
Bell:	Rear Volume
Prebell:	Rear Volume
Music:	Rear Volume
Power:	On/Off Switch
Alert Switch:	Illuminated Push Button
Evac Switch:	Illuminated Push Button
Bell Switch:	Illuminated Push Button
Cancel Switch:	Push Button
Indicators:	Power, MP3 error, Prebell, Music, Other MP3 folders

##### Connectors

Audio Output:	RCA Stereo Socket
Common 24V DC Out:	Screw Terminals
Alert 24V DC Out :	Screw Terminals
Evac 24V DC Out:	Screw Terminals
Bell 24V DC Out:	Screw Terminals
24V DC Power:	Screw Terminals, 2.1mm DC jack socket
Input Triggers:	Screw Terminals (For Remote Alert, Evac, Bell, Cancel)
Wallplate/paging console inputs:	RJ45 8P8C

##### Mechanical

Dimensions:	≈482W x 175D x 44H
Weight:	≈2.1 kg
Colour:	Black