

Product Guide**A 4505B** 7 Day Timer With Lockdown & Fire Alarm Control

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Overview

This weekly timer with lockdown and fire alarm control is 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 fourteen MP3 playback options for the timing events, which include the Bell, Prebell, Music and folders 5-15. A Micro 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 supplied PC software.

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 lockdown/fire controller is designed around industry standard building emergency 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. Lockdown & fire switches on the front of the unit are fitted with safety covers to prevent accidental operation.

Warnings, bell and 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, lockdown, fire or a common out. These contacts are for connection of override relays in remote volume controls, warning strobes, bells etc. The lockdown and fire tones are stored on a Micro SD card in MP3 format (emergency tones which conform to AS1670.4 are supplied) to allow the user to provide any tones they require. The Fire mode has a voice over option for the playback of a fire message after every playback of the fire tone. The voice over message is also stored on the SD card and is DIP switch enabled. The lockdown mode has a voice over option for the playback of a lockdown message after every playback of the lockdown 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**
- ✓ MP3 audio format for Bell, Prebell and Music timing outputs
- ✓ MP3 audio format Emergency Tones conform to AS 1670.4 (supplied)
- ✓ Random play of MP3 files for Prebell and Music triggers
- ✓ Easy PC based timing event setup
- ✓ Local push button operation of Lockdown, Fire and Bell
- ✓ Remote triggering of Lockdown, Fire and Bell
- ✓ MP3 audio format Voice over message (Available in the Lockdown and the Fire cycle)
- ✓ Switched 24VDC output for Bell, Lockdown or Fire 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.

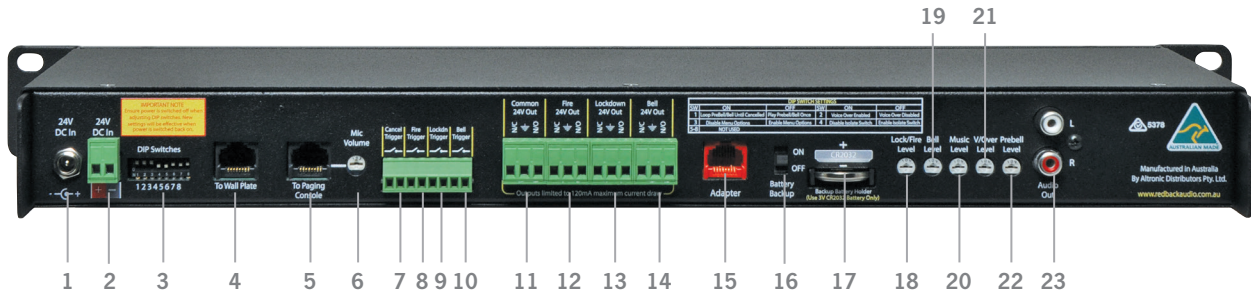
Each unit is covered by a comprehensive 10 year parts and labour warranty. Redback® offers rock solid reliability from over 40 years experience in the commercial sound industry. Redback® offer locally available servicing and parts, plus the ability to offer feedback direct to the manufacturer.

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Rear Panel



1 24V DC Input (2.1mm jack)	9 Lockdown Contact	17 Timer Backup Battery
2 24V DC Input (Back Up)	10 Bell Contact	18 Lockdown/Fire Volume
3 DIP Switches	11 Common 24V Out	19 Bell Volume
4 RJ45 Interface (To remote wallplate)	12 Fire 24V Out	20 Music Volume
5 RJ45 Interface (To paging console)	13 Lockdown 24V Out	21 Voice - over Volume
6 Paging Mic Volume	14 Bell 24V Out	22 PreBell Volume
7 Cancel Contact	15 RJ45 Interface (Not used)	23 Audio Output (Stereo RCA)
8 Fire Contact	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
Power supply:	24V DC
MP3 File Format:	128kbps, 44.1kHz, 32bit, VBR or CBR, Stereo (even better as mono).

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 Button
Fire Switch:	Illuminated Push Button
Bell Switch:	Illuminated Push Button
Cancel Switch:	Push Button
Indicators:	Power on, MP3 error, Prebell

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

Mechanical

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