

A 4595A School Lockdown Warning Evacuation Controller



Overview

This lockdown controller complements the A 4565 alert/evac controller and is primarily aimed at schools which require a lockdown warning facility. The controller has provision for a period bell plus a standby, lockdown and all clear tones. These can be activated by the switches on the front panel, by the remote closing contact triggers on the rear of the unit or by the optional wall plate (A 4598) or paging console (A 4596).

A pre bell/chime/tone is also included which can only be triggered by the closing contact on the rear of the unit. All tones are stored on an SD card in MP3 format. Using MP3 files gives the user complete control over the sounds played for each tone. This could be music, a pre-recorded tone or speech etc. The standby and lockdown tones can also be set to loop/repeat via external DIP switches. The order of priority from highest to lowest is all clear, lockdown, standby, bell and pre-bell. If the period bell is activated the period bell switch on the front of the unit will illuminate until the tone finishes. If the standby or lockdown tone is activated, the corresponding switch on the front of the unit will illuminate until the tone finishes. After this, the switch will continue to illuminate until the lockdown overrides the standby condition or the all clear condition is activated. If the all clear tone is activated the all clear switch will illuminate until the tone finishes.

If any wall plates or paging consoles are connected the switches or LEDs on these units will illuminate accordingly. The unit is powered from a 24V DC source (power supply included) and separate 24V DC switched outputs are supplied for remote triggering (of sirens/ strobes etc) for all tone conditions (pre-bell, period bell, standby, lockdown and all clear). Connections to the paging consoles and wall plates are made via Cat5e cabling. Up to eight paging consoles or wall plates can be connected at one time. A standard line level output is provided for connection to the schools PA system.

The lockdown unit can be connected to the A 4565 alert/evac controller if an EWIS system is also required.

Key Features

- Australian made
- 10 year manufacturer warranty with local product support
- 1U 19" rack mount
- Interfaces with A 4565 for a complete fire/evac & lockdown system
- 24V DC operation (plugpack included)
- Period bell, standby, lock down and all clear controls with remote contacts
- Connects to lockdown wallplate and/or paging console via Cat5e UTP cabling
- MP3 SD card tone & audio announcement playback
- Stereo RCA audio output
- Up to 8 paging consoles and 8 remote wallplates per system
- Flip up switch covers to prevent accidental triggering
- Adjustable rear mounted level control
- Switched 24V outputs for all conditions (all clear, standby, lockdown, bell, pre-bell, emergency & common contacts).

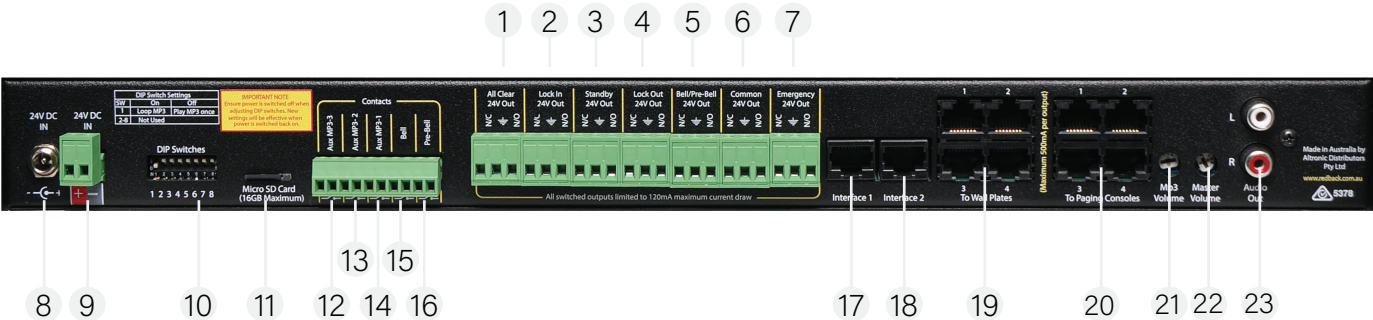
About Redback® PA Products

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

All clear 24V out
- 2

Lock in 24V out
- 3

Standby 24V out
- 4

Lock out 24V out
- 5

Bell/pre-bell 24V out
- 6

Common 24V out
- 7

Emergency 24V out
- 8

24V DC input (main supply)
- 9

24V DC input (backup)
- 10

DIP switches
- 11

Micro SD card socket
- 12

Aux MP3-3 contact
- 13

Aux MP3-1 contact
- 14

Aux MP3-2 contact
- 15

Bell contact
- 16

Pre-Bell contact
- 17

RJ45 socket
- 18

RJ45 socket
- 19

RJ45 wallplate interface
- 20

RJ45 paging interface
- 21

MP3 volume
- 22

Master volume
- 23

Audio out RCA connectors

Specifications

Output Level	
0dBm into 600Ω	
Output Connectors	
Audio output	RCA stereo socket
Emergency 24V DC out	Euroblock terminal
Common 24V DC out	Euroblock terminal
Prebell/Bell 24V DC out	Euroblock terminal
Standby 24V DC out	Euroblock terminal
Lock in 24V DC out	Euroblock terminal
Lock out 24V DC out	Euroblock terminal
All clear 24V DC out	Euroblock terminal
NOTE: Max output load per output is 120mA	
Input Connectors	
Paging console input	4 x RJ45 8P8C
Wall Plate Input	4 x RJ45 8P8C
24V DC Power	Euroblock terminal
24V DC power	2.1mm JACK (centre +ve)
PreBell, Bell, Aux, MP3 triggers	Euroblock terminal
System Accessories	
A 4598 Remote Lockdown Vertical Wallplates (Horizontal)	
A 4598V Remote Lockdown Vertical Wallplates (Vertical)	
A 4597 Fire Alarm Test Remote Wallplate	
A 4596 Paging Console With Lockdown Control	

Controls	
MP3 volume	Rear volume
Master volume	Rear volume
Power	On/Off switch
Standby switch	Illuminated push switch
Lock in switch	Illuminated push switch
Lock out switch	Illuminated push switch
All clear switch	Illuminated push switch
Indicators	
Power on bell/prebell active, MP3 error, aux MP3 active, PA active	
MP3 File Format	
Up to 320kbps, 44.1kHz, 32bit, VBR or CBR, stereo (better as mono)	
General	
Power supply	24V DC @ 2 Amp
Dimensions	483W x 125D x 44Hmm
Weight	1.6kg
Colour	Black