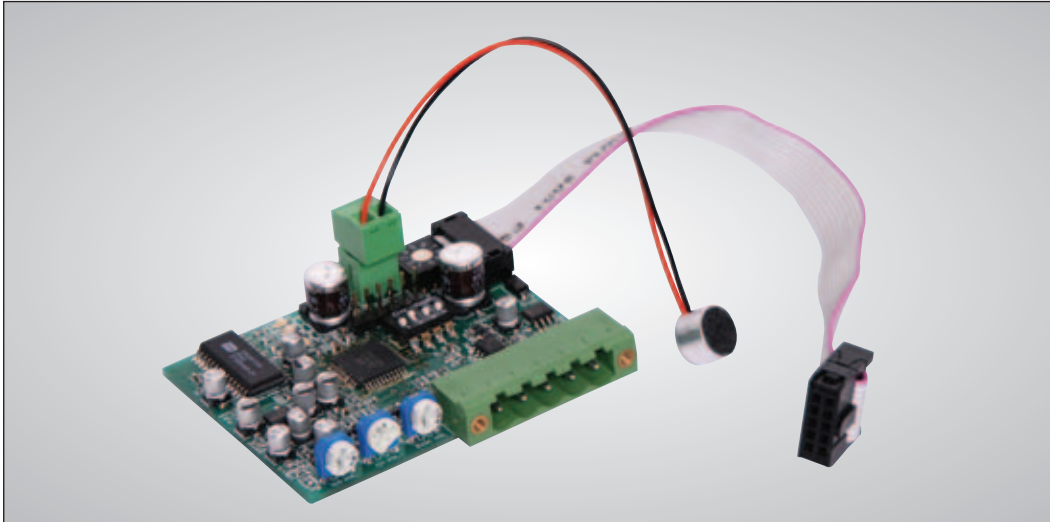




A 2073B Alert/Evac Module



OPERATING INSTRUCTIONS

IMPORTANT NOTE:

The evacuation tone for this device conforms to fire evacuation standards AS1670.4. 2004.

The evacuation tone (tempural pattern) conforms to international standards.

Generates pre announcement chime, alert and evacuation tones for Redback amplifiers and mixers.

Installation

1. Switch off and remove power from unit.
2. Remove lid from case.
3. Unscrew the small protector plate on the rear panel to reveal the mounting holes for the A 2073B.
4. Line up the A 2073B with the relevant holes in the rear panel, ensure the trimpots on the board are accessible.
5. Using the screws provided attach the A 2073B module to the rear panel via the green connector.
6. Plug the 10 way IDC cable into the 10 way header situated inside the amplifier or mixer. (Refer to instructions supplied with your amplifier/mixer for header location)
7. Plug the plastic bushes supplied into the holes on the rear panel through which you can see the trimpots.
8. The A 2073B is now ready for operation
9. The unit is triggered by closing the contacts in the 5 way pluggable header. There are four different trigger inputs:
 - Alert tone** - triggered by a closed contact between AL (alert tone) and GND (ground).
 - Evac tone** - triggered by a closed contact between EV (evac tone) and GND (ground).
 - Chime** - triggered by a closed contact between CH and GND (ground).
 - Cancel** - triggered by a closed contact between CAN (cancel) and GND (ground).

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REDBACK A 2073B Alert Evac Option

10. The A 2073B has a voice over option which is enabled by DIP switch 2. When this DIP switch is set to "ON" the recorded message will play twice after 4 cycles of the evac tone. Note: this voice over will only operate when the A 2073B is in evac mode. To record a message, connect the supplied microphone to the 2 way euro block as shown in figure 2. To start recording, set DIP switch 4 to "ON". When finished recording, set the DIP switch back to "OFF".
11. Output level trimpots are available for the chime, alert/evac tones and voice over.
12. The A 2073B is equipped with a "switch over" option. This switches the Alert tone to the Evacuation tone automatically. Switch 1 turns ON the "switch over" option as well as adjusting the time that the Alert tone will sound for before switching to the Evacuation tone. See table 1 for selection details.

Table 1: Switch 1 Settings	
SW1 Position	Switch Over Option
0	Disabled
1	Alert switches to Evac after 30 seconds
2	Alert switches to Evac after 60 seconds
3	Alert switches to Evac after 90 seconds
4	Alert switches to Evac after 120 seconds
5	Alert switches to Evac after 150 seconds
6	Alert switches to Evac after 180 seconds
7	Alert switches to Evac after 210 seconds
8	Alert switches to Evac after 240 seconds
9	Alert switches to Evac after 270 seconds

13. The alert and evac triggers can be set to be momentary or alternate action by DIP switch 1. In momentary operation the alert or evac tones will operate only while the trigger is activated. In alternate operation the tones will operate continuously after they have been triggered.

Table 2: DIP Switch Settings		
SWITCH	ON	OFF
1	Momentary Alert & Evac Operation.	Alternate Alert & Evac Operation.
2	Voiceover ON.	Voiceover OFF.
3	Not Used.	Not Used.
4	Mic Recording ON.	Mic Recording OFF.

