

Product Guide**A 1760** Paging Microphone Audio Delay & Recorder

A 1760 Paging Microphone Audio Delay & Recorder



Overview

Designed to be connected in-line between a microphone and an amplifier to remove feedback issues which arise when paging is executed in close proximity to the output speakers.

This is achieved by delaying the output audio. The audio into the mic input will be recorded while the PTT contacts are closed. Once the PTT contacts open, the message will be played back. It can also operate as a mic or line input recording device. In this mode the recordings are activated/deactivated by a momentary closure of PTT contacts. In this mode there is no delayed audio playback. All recordings are stored on the Micro SD card. Up to 999 recordings can be stored on the card before they are overwritten automatically.

Operation

The Redback® A 1760 has three modes of operation, determined by DIP switches, which include an audio delay, a microphone recorder and an audio recorder.

Audio Delay Mode

Recording is activated by PTT activation, such as those found on 5 pin XLR paging microphones and consoles. The unit is inserted between the paging microphone and the amplifier. The unit then delays the audio output by first recording any audio whilst PTT contacts are closed. Once the PTT contacts open, recording is complete and the message plays back instantly. This helps to eliminate feedback issues which arise when paging is executed in close proximity to output speakers. Recordings are stored on the SD card up to a maximum of 999 individual messages, before the first message is overwritten. An optional pre announcement and/or post announcement chime or message in .mp3, .ogg or .wav. format can also be included with the playback.

Microphone & Audio Recording Modes

In these modes audio can be recorded to the SD card by a momentary closure of PTT contacts. Recording is via either the microphone or music inputs. Recording is stopped by a momentary closure of PTT contacts. Audio can be passed through to the output or set to no audio output.

Key Features

- ✓ Australian made
- ✓ 10 years manufacturer warranty with local product support
- ✓ Helps eliminate feedback issues in paging installations
- ✓ 5 pin XLR input
- ✓ Micro SD card recording
- ✓ Audio delay or recording modes
- ✓ PTT recording activation
- ✓ Selectable ON/OFF audio output
- ✓ Optional pre-announcement chime (custom MP3, OGG or WAV)
- ✓ 24V DC 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.

Product Guide

A 1760 Audio Delay/Recorder



Front and Rear Panel Guide



1	24V DC Input (2.1mm DC jack)	5	Music input (3.5mm jack)	9	Activity LED
2	24V DC Input (screw terminals)	6	Microphone input (XLR 5 pin bal.)	10	DIP switch settings
3	PTT (Push to talk) trigger contacts	7	Microphone output (XLR 3 pin bal.)	11	Micro SD card slot
4	PTT manual trigger switch	8	Output active closing contacts		

Specifications

Frequency Response

Mic input:	50Hz - 12kHz, -3dB
Music input:	50Hz - 15kHz, -3dB

Input Sensitivity

5 pin XLR mic input:	3mV
3.5mm music input:	1V

Output Sensitivity

3 pin XLR mic output:	3mV
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Outputs

Output active closing contact:	Screw terminals
Mic output:	3 pin XLR
PTT activation:	PTT via 5 Pin XLR microphone switch or PTT screw terminals or PTT switch

Input Connectors

Mic Input:	5 pin XLR balanced
Music Input:	3.5mm stereo socket
24V DC power:	Screw terminals
24V DC power:	2.1mm DC jack
PTT Trigger:	Screw terminals

LED Indicator:	Ready, Recording, Busy, Playing, No SD Card
Audio File Formats	mp3, .ogg or .wav
Power Supply	24V DC 1Amp
Current Draw	40mA @ 24V DC
Dimensions	134mm(L) x 75mm(D) x 46mm(H)
Weight	0.2kg

Made in Australia by Altronic Distributors Pty. Ltd.

Ph: (08) 9428 2199 Internet: www.redbackaudio.com.au

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