

A 4205 - 3VA Kiosk Hearing Induction Loop Amplifier



Overview

This compact hearing loop amplifier is designed for use in information kiosks, ticketing booths, help desks etc. Anywhere a small loop system is required to aid the hearing impaired. Engineered to meet AS60118.4-2007. A balanced mic input and stereo line auxiliary input is provided. Compact half rack 1RU case. 24V DC operation.

Hearing Loops are commonly installed in public areas which are generally noisy, making it difficult for hearing impaired users to hear clearly. They have been engineered to meet AS60118.4-2007 and include a compressor/limiter circuit with tailored frequency response ensuring excellent speech intelligibility. They will operate into loads of less than 2 ohms and are short circuit proof.

The amplifier is ideally suited for small installations such as ticket booths, information desks, emergency room interview windows, reception desks etc and has a coverage up to a few square metres.

The A 4205 3VA model delivers 0.3A RMS, 0.35 Amps peak into a typical Loop Resistance of 0.2Ω to 1.7Ω (max 2Ω). Inputs are provided for 3 pin XLR balanced mic with phantom power and a stereo auxiliary input.

Key Features

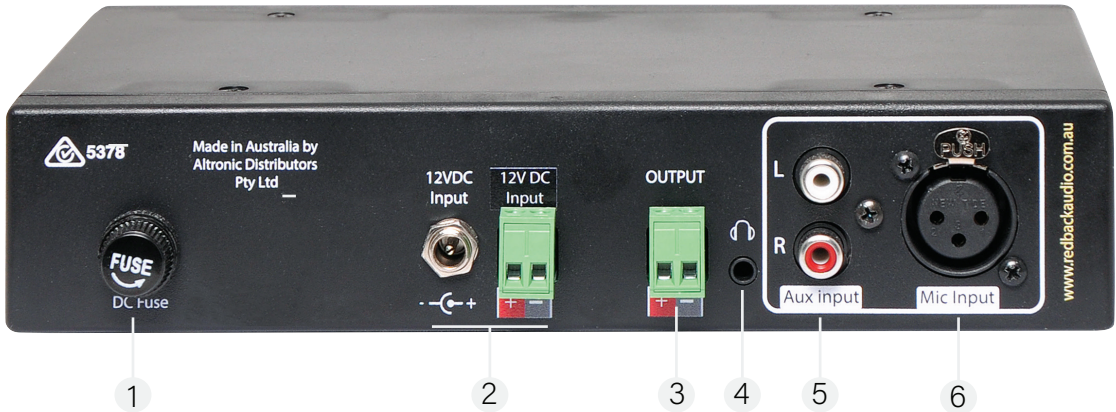
- Australian made
- 10 year manufacturer warranty with local support
- Designed to meet AS60118.4-2007
- Suits small booths 2-3m²
- XLR mic input
- Compatible with single loop designs
- Aux input via stereo RCA
- 10 year warranty
- Australian designed & assembled
- Short circuit proof
- Compressor circuitry

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 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.

A 4205 - 3VA Kiosk Hearing Induction Loop Amplifier



Rear Panel

- 1

DC Fuse
- 2

12V DC Input
- 3

Output Connections
- 4

Headphone Output
- 5

Aux Input
- 6

Mic Input

Specifications

Electrical	
Drive current	8A RMS, 11A Peak
Loop requirements	0.2Ω to 1.7Ω preferred range
Frequency response	100Hz to 5kHz @ -2dB, 80Hz to 6kHz @ -3dB target
THD	<0.25% @ 50% drive
Compressor	2:1 for dynamic control (fast attack)
Input	3 pin XLR, Stereo RCA
Output	Loop connection via pluggable terminals
Power	240V AC
Controls	
Mic/Line	Volume, Sensitivity
Mechanical	
Dimensions	432W x 380D x 88H mm
Weight	≈ 7.4kg

Connections

Inputs	Mic	Line
	3 pin XLR female (balanced)	3 pin XLR female (balanced) 2 x RCA Stereo
Outputs	Hearing Loop Transmitter	
	Pluggable screw terminals	