

# AiO<sup>2</sup>

## User Manual



**interspace  
industries**

Cueing and Presentation Control Specialists

## Introduction

**AiO<sup>2</sup>** builds upon our original AiO with new features, while maintaining its core functions as a multipurpose audio interfacing tool. It has been redesigned to address up-to-date audio needs in the professional AV market.

As well as retaining the original AiO's features, this new and improved version has switchable VU metering of input or output signals, Headphone monitoring (with personal volume control), plus switchable 48V Phantom power for your condenser microphones.

### Features include:

- Balanced audio Input and Output on industry standard XLR
- Independent variable input level control for Left and Right
- LED VU switchable monitoring of Input and Output
- USB powered
- Line or Mic level inputs
- Switchable Phantom Power for Input when using powered condenser mics
- Ground lift switch on the output XLRs

## Operating Instructions

**AiO<sup>2</sup>** provides a simple means of connecting a computer or audio device to a professional sound system for playback, monitoring and recording.

It is USB (2.0) powered directly from the host unit, so requires no additional power source. No software or drivers are required to run the AiO<sup>2</sup>.

### **Mic/Line**

This allows direct connection to either Dynamic Microphones or straight from the Audio Desk. The input level controls give you full control over each input. Keep your levels out of the red for a good un-distorted sound (voice should be about –18db)

### **Phantom Power**

Phantom Power has been incorporated into the AiO<sup>2</sup>, to be used only with active powered condenser mics. This is 48v power and should not be used when using dynamic mic / line in. Please be aware—Do not use this unless needed, as **it could damage the external equipment!**

### **Ground Lift**

Using AiO<sup>2</sup> it is possible to isolate the desk or downstream equipment from the AiO<sup>2</sup> to defeat possible hum loops. When using the Ground Lift feature it is essential however that the receiving equipment (i.e. the sound desk) has a reliable balanced input earth.

### **Stereo / Mono**

This allows the combining of both left and right stereo channels via an internal resistive network 600ohm, high bandwidth audio transformer provides a fully balanced output

### **Switched VU Monitor for Input and Output**

Change between monitoring of Input and Output at the flick of a switch, using an easy-to-see VU metre on the front of the unit.

### **Headphone Amp**

A separate headphone amp that allows you to listen to the monitored audio with its own volume control for your comfort—**keep at low volume and protect your ears!**

## Federal Communications Commission

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

### DECLARATION OF CONFORMITY

We declare under our sole responsibility that the product

AiO<sup>2</sup>

Conform to the following standards:

**EN 62368-1:2014 Audio/Video, Information ,  
Communication technology equipment—Part 1: Safety Requirements  
EN 55103-1:2009 (Emissions) / EN 55103-2:2009 (Immunity)**

**Following the provisions of the EEC Directive 2014/30/EU and 2014/35/EU**



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## ***AiO<sup>2</sup> – The Next Stage in Professional Audio Interfacing***

We hope that AiO<sup>2</sup> exceeds your expectations and welcome any feedback that you have about this or any of our products.

Thank you.

The Interspace Industries Team

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