



## Overview

The AV controller, also referred to as the “integrator”, can be used with your choice of speakers.

The integrator uses digital audio amplifier circuitry to produce clear and crisp sound replicated at full efficiency with no loss in sound quality.

With its built-in microphone function as well as separate volume control, this integrator allows users to mix sound inputs.

The system is also extendable and if needed can be connected to additional amplifier via its variable audio line output located at the back.

This means users are not just restricted to the built-in amplifier alone.

The MP3, input further extends the flexibility of the integrator, allowing users the option to add music via the standard 3.5mm cable.

## Product highlights

- Use your own speakers
- Easy to install and connect
- In-built microphone
- Separate volume control
- Outputs include USB, HDMI, VGA

## Features

- The panel provides all of the connections you will ever need, it provides:
  - Two volume controls (Master and Microphone)
  - Access to MP3, USB, HDMI, VGA and a Microphone jack
  - An in-built audio codec that will take the audio signal from your PC to the USB cable
  - An in-built amplifier
  - A ‘Mute’ button
- Output from the panel include: USB, HDMI, Variable Line OUT and VGA
- Includes a USB-A output (marked as USB THRU) for saving your work created on your interactive whiteboard
- Easy to install with step-by-step instructions

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## General

Frequency response	20Hz~20KHz
SNR	80dB
Power output	2 x 25W (8 Ohms) @ THD = 10%
Power supply	DC 24V
Case dimension	155mm (W) x 110mm (D) x 90mm (H)
Stereo channel separation	60dB
CMRR	> 70dB @ 20Hz~20KHz
THD + Noise	≤3%
Power consumption	6W
Product weight	0.5kg
Product warranty	12 month back to base

## Audio Input

MP3	1 x Stereo audio 3.5mm jack
MIC	1 x 6.5mm jack
AUX	1 x Stereo audio 3.5mm jack
Input impedance	>10kΩ

## Audio Output

Speaker	1 x Phoenix connector
Variable line out	1 x Stereo audio 3.5mm jack
Output impedance	50Ω / stereo, 8Ω / amplifier

## Video Input

VGA	1 x 15mm female VGA
HDMI	19pin female HDMI

## Video Output

VGA	1 x 15mm female VGA
HDMI	19pin female HDMI

## Computer Input

USB	1 x USB type B
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## Computer Output

USB	1 x USB type A
USB THRU	1 x USB type A

## What's in the box

Audio controller / amplifier	x 1
Speaker cable	x 2
USB cable (A-B type)	x 1
Power cable	x 1
User manual	x 1
Power supply	x 1