

avid2.

In-wall Amplifier with Bluetooth



Clever Little Box.

Installation Guide



Before installation please take the time to read and understand the enclosed information.

What's included in the box?

1x AVID2 Amplifier, 1x 24v DC 1.25A PSU, 1x IR Remote Control Unit and 1 x Wallmount Bracket for Remote Control.

Specifications:

Output Power	2 x 12W @ 8 Ω
Line Inputs	Stereo Phonos (L & R) Stereo 3.5mm Jack (priority) Screw Terminal (Rear PCB. In parallel with 3.5mm Jack Input)
Bluetooth Input	A2DP profile
Line Output	Fixed level (Unbalanced) 1v 47k Ω
Frequency Response	40Hz ~ 20KHz
Input Sensitivity	(Lo) 200mv / (Hi) 1v
Power Requirements	24v DC, 1.25A
Dimensions	165(W) x 100(H) x 35(D) mm
Weight	0.26kg

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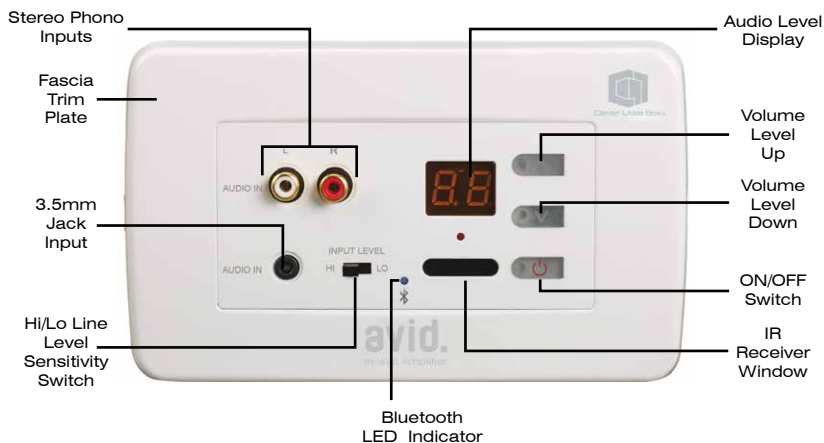
Introduction:

Before installation please remove the Facia Trim Plate from around the front edge of the unit. This can be refitted once the installation is finished and any decorating is completed.

The compact depth of the AVID2 unit will allow installation into standard UK 2-gang EO boxes, with a minimum of 35mm depth.

These may be galvanised metal for installation in solid construction walls, plastic drylining (with lugs) or may be installed into surface mounting Dado-type trunking systems using the appropriate fixings.

Front Panel Controls and Connectivity:



Bluetooth connectivity is provided via a receiver allowing any Bluetooth enabled device using A2DP profile to be paired with the AVID2. A blue LED provides indication of the Bluetooth function.

as follows:

Blink LED= Pairing Mode

Solid LED= Connected

See User Instructions for Bluetooth Connection Instructions

Two types of wired input are provided via the front panel; a Stereo 3.5mm Jack and Stereo Phono Inputs; the Stereo 3.5mm Jack Input has a signal-operated priority over the Stereo Phono Inputs.

The Hi/Lo switch adjusts the input sensitivity from 1v (Line Level) to 200mv (average Headphone output level), allowing the interface of generic MP3, CD and media players without loss of system volume level.

3 illuminated buttons allow basic control of the AVID2, the bottom button (⏻) controls the ON/OFF function, the up/down buttons (▲ ▼) control Volume Up and Volume Down.

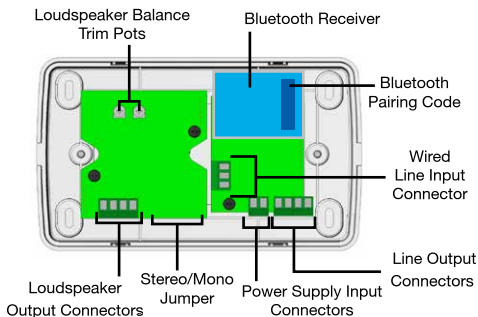
A clear LCD Display shows the desired volume level between 0 (no output) to 20 (maximum output).

Rear Panel Controls and Connectivity:

Screw terminal connections for Power, Wired Input Loudspeaker Outputs and Line Level outputs are located on the rear PCB of the AVID2.

Power is provided via the included PSU; its cable being marked with a white line on the positive (+) core which connects to the V+ terminal, the plain black core is negative (-) which connects to the G terminal.

The Wired Input terminal is configured for a Stereo Input Signal; the three-way connector has terminals for L (Left Signal), G (Screen) and R (Right Signal).



Important Information. It is important to note that if using the audio input located on the rear of the AVID2 that the signal applied is at full line level.

Low level signals such as headphone output levels can sometimes not provide enough output signal level to keep the internal priority switching circuit built into the AVID2 open, this may result in loss or intermittent playback of the audio being broadcast.

If you are experiencing any such problems please contact your reseller or the CIE-Group Technical Support Department on +44 (0)115 9770075

When using this application an appropriate screened cable is required to reduce the possibility of external signal interference.

✧ **Bluetooth Pairing Code: 2843**

Please note that the AVID2's Bluetooth Pairing Code is displayed on the rear of the Bluetooth Receiver. As this is not accessible post-installation, please ensure to note this down (such as the User Manual) and advise the end user of the Bluetooth Pairing Code and/or where it can be found.

Note. The Wired Input Terminal is in parallel with the 3.5mm Jack Input on the front panel; if both inputs are connected and a signal is present on both, then the two sources will be mixed together (This should be clearly explained to the user).

A jumper is provided to allow the AVID2 to be used in either mono or stereo mode, the factory default is stereo. If set to mono the amplifier will provide a mixed output to each loudspeaker terminal.

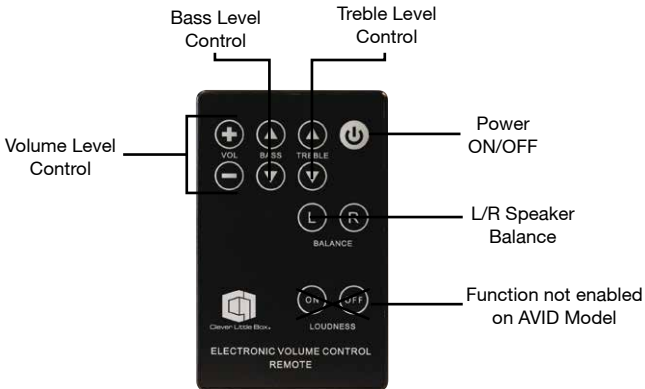
Loudspeakers should be wired to the L+ L- and R+ R- terminals, ensuring the phase of each loudspeaker is the same.

The line output is stereo and provides a fixed line output signal for feeding and external source such as a slave amplifier or induction loop system.

Note. The unit has been designed for an 8ohm load per channel, we do not recommend the use of loudspeakers with an impedance lower than 8ohms.



IR Remote Control Function:



Using the supplied IR Remote Control will give access to further features and functions of the AVID2 and will allow adjustments to the sound levels and tone settings.

The LED display panel will show the settings as any adjustments are made as follows:

- The overall volume level (0 lowest ~ 20 highest)
- Bass (L.1 lowest ~ L.9 highest)
- Treble (H.1 lowest ~ H.9 highest)
- Balance (B.1 Fully Left ~ B.5 Centre ~ B.9 Fully Right)

After any changes have been made to the above, the LED display will revert to the set volume level.

Please ensure that the enclosed User Instructions are left with the AVID2 unit, easily available to the end user.



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