

2 x 25w RMS (at 8 ohms) low impedance digital power amplifier  
 3 x Stereo inputs / 1 x Stereo Pre-Output / 1 x Balanced Mic input with Phantom Power  
 Bluetooth Input  
 IR remote included, RS-232 control



The improved AV-1800 is compact, and has a simple interface with just two dials which are turned to adjust and pushed to switch. It has a selection of inputs – including Bluetooth and a microphone input, making it suitable for meeting spaces, small auditoriums, lecture theatres, school halls, and small churches.

### Bluetooth

The amplifier can automatically switch to the Bluetooth source when it is paired. Bluetooth can be renamed and the pin changed by connecting to a PC (see software link below).

### Microphone Input

It uses a professional XLR connector and the input is “balanced” to eliminate electro-magnetic noise induced on long cables. The microphone input has “Phantom Power” – a voltage which is required by condenser-type microphones such as lectern microphones.

### RS-232

It can be controlled by a control device such as Techconnect Control via IR or RS-232. It also comes with an IR remote control gives the user bass and treble adjustment and direct input selection.

### D-Class

An efficient Digital-class amplifier chip dramatically reduces power consumption especially at rest.

### 3 x Stereo Inputs

Three stereo inputs accept input from a variety of sources such as computers (via the headphone jack), tablets or phones. 2 of the inputs are via 2-phono (RCA) connectors on the rear panel. Input 3 is via a 3.5mm Minijack connector, and is duplicated on the front and rear panels for easy access.

### Line Output

A line-level pre-output on the rear panel bypasses the internal amplifier. It would connect to a larger amplifier or powered loudspeakers. It is post-mix, which means any volume adjustment made on the front panel affects the output level.

### Auto-Standby

If the amplifier senses no input it will automatically go into standby mode. When it senses input it will reactivate. Auto-standby can be disabled.

### Mounting Options

Optional mounting hardware is included to allow cable-tying either to a projector ceiling pole, or into a rack.

## SPECIFICATIONS

**AMPLIFIER DIMENSIONS**

253 x 253 x 45 mm / 9.96" x 9.96" x 1.77" (wide x deep x tall) not including dials and connectors

**CARTON DIMENSIONS**

415 x 230 x 80 mm / 16.34" x 9.06" x 3.15"

**AMPLIFIER WEIGHT**

2.0 kg / 4.4 lb

**PACKAGED WEIGHT**

2.4 kg / 5.3 lb

**COLOUR**

White

**INPUTS**

3 x Stereo inputs via 2-phono (RCA) connectors / 1 x 3.5mm (1/4") minijack 1 x Bluetooth input 1 x Microphone inputs via balanced XLR

**OUTPUTS**

1 x Stereo Line-level output via phono connectors (post mix)

**2 X 25W @ 8 OHMS****TOTAL HARMONIC DISTORTION**

<1%

**FREQUENCY RESPONSE (LINE IN)**

20Hz~20kHz

**SIGNAL TO NOISE RATIO (LINE IN)**

75dB

**RATING INPUT LEVEL/IMPEDANCE**

line in 800~900mV/47kohms

**OPERATING TEMPERATURE RANGE**

0 to +40°C (32 to +104 °F)

**POWER CONSUMPTION (RATING CONDITION)**

<=125W

**PHANTOM POWER DISABLE**

via internal jumper

**PHANTOM POWER**

21V

**ACCESSORIES INCLUDED**

1 x 2-phono to 2-phono cable 2m long 1 x 3.5mm to 3.5mm minijack cable 2m long 2 x Unshielded Speaker Cable 5m long 1 x UK C7 figure-8 power cable 1.8 m long 1 x EU C7 figure-8 power cable 1.8 m long 1 x AU C7 figure-8 power cable 1.8 m long 1 x US C7 figure-8 power cable 1.8 m long 1 x Remote Control (Battery included: CR2025 3V Li-Mn) 1 x Rack ears 1 x Ceiling pole and wall brackets

**POWER SUPPLY**

100~240V Internal Power Supply

**WARRANTY**

Lifetime return-to-base

**COMPLIANCES**

RoHS, WEEE, CE/EMC, CE/LVD, RCM\_SDOC, FCC\_BT3.0, FCC\_BT4.0, CE-RED

**SPARE IR REMOTE CONTROL**

AV-1800 RC

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