

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

ORDER PART CODE:

AV-1800 [EU SAP: 4262711 / US SAP: 12928309] or AV-1800+CS-1900 bundle [EU SAP: 5356157 / US SAP:] or AV-1800+SP-1800 bundle [EU SAP: 4363209 / US SAP: 70017411]

