VISION Professional Audio Kit LIFETIME WARRANTY (AV-1900+SP-1800)

Low impedanve audio amplifier - with pair wall speakers - AV 1900 2 x 50w (RMS) digital amplifier and SP 1800 5.25" pair wall speaker kit - white



This bundle includes the AV-1900 and the SP-1800.The AV-1900 is a highly capable mixer-amplifier packed with use possible to operate. It is designed for use in demanding applications like meeting spaces, small auditoriums, lecture theaters, school halls, and small churches. It has professional audio features normally only found in much more expensive mixer amps.The SP-1800 professional wall mounted loudspeakers are s produce rich and powerful sound. They are 240 mm tall and use a 5.25 inch woofer - the most popular size for classroom, meeting room, and boardroom applications.

Key Selling Points

AV-1900 FEATURES:
Mixer amp
Mic pre-amp trim
Four microphone inputs
Switchable phantom power
3 x stereo inputs
Line output
Auto-standby
SP-1800 FEATURES:
Bass reflex
Rugged grille
Tough finish
Pro AV applications
Horizontal C bracket

Product Features

AV-1900 FEATURES:
Bluetooth

For ease of connectivity it has a Bluetooth input.
Mixer amp

This amp has four inputs, each of which can either be used for a microphone or a line-level input. It is a true mixer amp, so it can bring together multiple sources and play them at the same time.
Mic pre-amp trim

The input gain for each mic input can be "trimmed" - adjusted on the rear panel. This allows the installer to "turn up" less sensitive mics, and "turn down" hot inputs.
Four microphone inputs

All mic inputs are "balanced" to eliminate electro-magnetic noise induced on long cables. Input 1 uses a professional XLR connector - more convenient for rental and portable use, and the other inputs use phoenix connectors - more suited to permanent installations.
Switchable phantom power

Each mic input has Phantom power which is a voltage required to make professional condenser mics work. Phantom can be turned off on each input discreetly.
RS-232

Designed for integration with a bigger system, it can be controlled by a control system such as Techconnect Control via RS-232.
D-class

An efficient digital-class amplifier chip dramatically reduces power consumption especially at rest, and makes this amp super-small.
3 x stereo inputs

Three line-level stereo inputs accept input from a variety of sources such as computers (via the headphone jack), tablets or phones. Inputs 1 and 2 use 2-phono (RCA) connectors. Input 4 is via a minijack connector, and is duplicated on the front panel for adhoc access.
Line output

A line-level pre-output on the rear bypasses the internal amplifier. It would connect to a larger amplifier or powered loudspeakers. It is post-mix; volume adjustments 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 via RS-232.
Mounting options

Rack ears are included so it can be integrated into an AV rack.
SP-1800 FEATURES:

Three-way
These loudspeakers use three drivers; a woofer, a squawker, and a tweeter. Asking a driver to produce a wide range of frequencies is always a compromise, so dividing the sonic range into three means each driver has a narrower range of frequencies to produce, resulting in less distortion and

clearer sound.

Bass reflex
A bass reflex port allows greater excursion of the woofer, allowing the woofer to produce lower frequencies, and the phase-delayed movement of air from behind the woofer to the front reinforces the bass even more.

Rugged grille
A metal grille protects the drivers from physical interference.

Tough finish
Constructed with tough ABS plastic, the finish withstands the rigors of the professional use.

Pro AV applications
In small to medium presentation environments a wide dispersion is generally more important than microphone feedback management, so no horns are used.

Horizontal C bracket
The adjustable brackets allow the installer to easily angle up 30º or down 30º. Or leave the brackets off and use as shelf speakers.

Main specifications

Product Description	Vision AV-1900+SP-1800 - speakers - for PA system
Product Type	Speakers - for PA system
System Components	2 speakers, audio mixer (4 channels)/amplifier
Enclosure Design	Bass reflex
Speaker Type	3-way - active
Continuous Power	50 watt
Frequency Response	80 - 20000 Hz
Nominal Impedance	8 ohm
Amplifier	External
Interfaces	Bluetooth
Colour	Black, white
Power	AC 120/230 V
Manufacturer Warranty	Limited lifetime warranty

Extended specification

Speaker System

System Components	2 speakers, audio mixer (4 channels)/amplifier
Speaker Type	3-way - active
Continuous Power	50 watt
Frequency Response	80 - 20000 Hz
Nominal Impedance	8 ohm
Sensitivity	89 dB
Amplifier	External
Interfaces	Bluetooth 5.0
Recommended Placing	Wall-mountable

General

Product Type	Speakers - for PA system
Enclosure Colour	Black, white
Enclosure Design	Bass reflex
Enclosure Material	ABS plastic

Power

Power Source	AC power adapter
Voltage Required	AC 120/230 V
Power Consumption Operational	100 watt

Manufacturer Warranty

Service & Support	Limited warranty - lifetime

Speaker System Details

Driver Details	Speaker: woofer driver - 5.25" ¦ Speaker: mid-range driver - 1" ¦ Speaker: tweeter driver - 0.5"

Connections

Connector Type	2 x audio line-in (RCA x 2) ¦ Microphone (XLR) ¦ 3 x microphone (terminal block) ¦ Audio line-out (RCA x 2) ¦ Serial (terminal block)

Miscellaneous

Included Accessories	AC power adaptor, wall mounting brackets, 4 power cables, 2 speaker cables (5 m), rack mount ears
Compliant Standards	FCC, RoHS, WEEE, REACH, RCM-POC, RCM-SDOC, CE/EMC

Dimensions & Weight

Dimensions (WxDxH) / Weight Details	Audio mixer/amplifier: 28.3 cm x 13.5 cm x 4.5 cm / 1.2 kg ¦ Speaker: 18 cm x 17.4 cm x 24.4 cm

Product data is provided by CNET, we do not warrant the accuracy and completeness of the material contained in this data sheet