CS-1600P PAIR 60W ACTIVE CEILING LOUDSPEAKERS

Snapshot

> Integrated 2 x 30 watt (RMS) digital amplifier

> 1 x wired input   / 1 x Bluetooth input / 1 x line-level output

> IR remote included

Details

The CS-1600P are based on Vision's passive ceiling loudspeakers but have a powerful 60 watt amplifier built in to eliminate the need for an external amplifier. They are suited to meeting rooms and classrooms where a discrete audio solution is required.

Bluetooth 4.0

Connect directly from your phone or laptop wirelessly. When Bluetooth is activated either by turning them on or selecting "Bluetooth" on the remote control, the loudspeakers will search for Bluetooth devices for ten minutes and automatically switch from the cabled input when a device connects. When the bluetooth device is disconnected the loudspeakers automatically switch back to the line-level input. (NB: implementation of Bluetooth drivers on Windows computers is variable so they don't always work)

Remote Control

A full range of options are presented on the IR remote control, including bass and treble adjustment.

Master/Slave

Like Vision's other powered loudspeakers these are packaged and sold as a pair. The amplifier is housed in the "master" loudspeaker which has the connection panel, and there is a speaker output which connects to the passive "slave" loudspeaker.

Digital

The CS-1600P uses a class-D digital amplifier chip which uses no power at rest unlike analogue amplifiers, and consumes very little power when in use. They are assembled on semi-automated production lines to ensure consistency and reliability.

Audio Output

If you require two pairs for the room an audio output allows you to pass the audio signal on to a second pair of CS-1600P. In fact you can daisy-chain as many pairs as you need using this line-level audio output.

RS-232

To assist with integration into a fully controlled audio-visual environment these loudspeakers can be

controlled with RS-232 (serial) codes.

Memory

When power is connected the CS-1600P automatically turns on and remembers the previous input

and volume setting. Restoring power brings the loudspeakers back to life automatically.

Metal Backcan

To satisfy strict fire safety regulations in some countries the CS-1600P have a sheet-metal

back-can which enhances Electro-Magnetic Compatibility (EMC) and reduces heat transfer.

2-Way Drivers

These loudspeakers feature a two-way woofer and tweeter design which sounds great in

presentation or teaching environments.

Auto-Standby

If the amplifier senses no input it will automatically go into standby mode. As soon as you press play

on your source device it will automatically switch on again.

Manual

Specifications

PRODUCT DIMENSIONS: 260 x 180 mm /   10.2″ x 7.1″ (diameter x height for each speaker)

PACKAGED DIMENSIONS: 592 x 315 x 229 mm / 23.3″ x 12.4″ x 9.0″

CUTOUT SIZE: 222mm / 8.74″

PRODUCT WEIGHT: 4.9 kg   / 10.8 lb (per pair)

PACKAGED WEIGHT: 7.2 kg /15.9 lb (per pair)

CONSTRUCTION MATERIAL: Plastic (ABS) + Sheet metal backcan

COLOUR: White

TECHNICAL DETAILS:

Amplifier Output: 2 x 30 watts (RMS)

Woofer: 4″

Tweeter: 1.5″ Silk

Output Impedance: 8 ohms

Sensitivity: 89 dB (1w/1m)

Frequency response: 80 Hz-20 kHz

Power Consumption: ≤ 70 w

MASTER LOUDSPEAKER INPUTS:

Input 1: Phoenix connector

Serial Connector: 9-pin D-sub connector (male)

MASTER LOUDSPEAKER OUTPUTS:

Speaker Output: Phoenix connector

Speaker Output (on master): Phoenix connector

SLAVE LOUDSPEAKER INPUTS:

Speaker input (on slave): Phoenix connector

ACCESSORIES INCLUDED:

1 x Speaker Cable 5 m (16.4′) long

1 x Remote Control (Battery included: CR2025 3V Li-Mn)

1 x Female Minijack to Phoenix connector cable

1 x Female 2-Phono to Phoenix connector cable

POWER SUPPLY: 100-240v 50/60Hz AC External Power Supply – 24 volt / 2.5 amp.

Laptop-style transformer. Includes 4 x 0.5m figure-8 power cables: UK/EU/US/AU. DC tail length:

4m.

Transformer dimensions: 120 x 56 x 36mm / 4.72″ x 2.2″ x 1.42″

WARRANTY 2-year return to base

FCC STATEMENT :

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.
Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

RF warning statement:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.