

GENELEC 4435 & 4436 LOUDSPEAKERS



The new 4435A ceiling and 4436A pendant loudspeaker models essentially have the same guts as the largest Smart IP model (4430A) but allow different mounting options. Needless to say, as Genelec products they sound good.

They come with the same single analogue and dual networked audio (Dante/AES67) inputs as the rest of the range. With a single CATx input for power, control and networked audio they are versatile and have the same PoE/PoE+ powering capability as the rest of the range. PoE is probably sufficient for most light background music situations, with the PoE+ option better suited for larger spaces or more foreground music.

Out of the box

Physically they are sturdy, well-built units. Available in black or white, the units can also be painted, and a paint shield is supplied in the box to protect the drivers. Both the analogue input and the CATx connection have cable clamps for a neat secure installation.

The pendant is supplied with a 5 m suspension cable, so the suspension and network cable could be pre-installed, with the loudspeaker fitted at the last minute. A pair of semi-circular panels on the top of the pendant are held in place by magnets and give a clean appearance, with a central hole for suspension and cable(s) to pass through. There is sufficient space in the back of the unit for these panels to be tucked in while you are working on the loudspeaker, so they don't get lost.

Out of the box they are configured to mix all the inputs and get IP addresses from a DHCP server (one for control, one for Dante/AES67) so you can get up and running quickly. The Smart IP Manager software is a free download and is needed to get the best out of the devices as it allows a lot of control over networking, EQ, delay and zoning. It is also used for firmware updates and troubleshooting with event logging. There is an LED mounted on the front panel which can aid in troubleshooting. This can be set to blink to identify individual devices, and can be dimmed or turned off if deemed an intrusion.

Complete control

Individual device control allows for the ultimate flexibility by allowing tailoring of the response to suit the acoustic environment and control to suit the event. So if the top table's in a different place today, simply mute the devices over the table and change the delay settings to match the new layout.

Plug-ins are available for Q-SYS, AMX and Control4, so creation and recall of presets or adjustment of individual parameters is straightforward. The Smart IP controller app is available for iOS and Android and gives simple zone control over Wi-Fi for day to day management.

The Smart IP range are great tools to have in the system designer's arsenal whenever you want high quality reproduction with the ultimate flexibility of individual device control. The expansion of the range now means there's even less of an excuse not to try them out! 🌐

www.genelec.com/smart-ip
www.rhconsulting.uk

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Genelec's Smart IP active networked loudspeaker family has now grown to encompass ceiling and pendant models. Richard Northwood of RH Consulting takes a closer look.....