

INTUSONIC

COMMERCIAL AUDIO



The INTUSONIC brand is committed to revolutionizing the installed audio market with its product range for small to medium-sized applications. The industry-experienced team, proficient in all areas of professional audio technology, delivers top-notch sound to commercial spaces, cafés, restaurants, or community halls, even for technical novices, with its easy-to-use speakers, amplifiers, and distribution systems designed for installations.

Use cases ►

APPLICATION EXAMPLE RETAIL STORE

OBJECTIVE

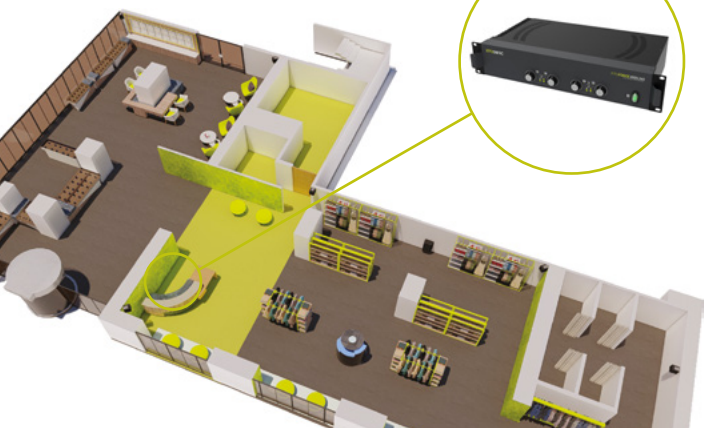
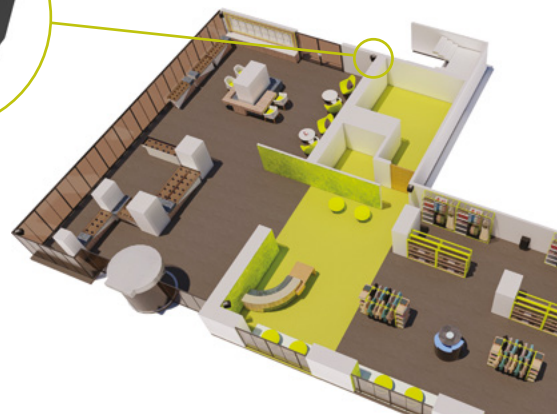
A clean and discreet, easy to operate background music system with limited control.

CONCEPT

A complete but simple solution was installed into this retail store specialising in high end goods. A total of eight 4FW50T wideband loudspeakers were used to evenly distribute high quality audio around the store and selected due to their extra small footprint. A single 8SM-300T compact subwoofer provides low rich tones to complete the spectrum, all powered by a single 4SDL160 four channel amplifier running in a 2.1 configuration.



All Informations
and products
(see also page 6)



For audio input, a single VLA42 was installed thanks to easy operability, the option to plug-in up to four audio sources, and the use of an external wall panel (VRE11) offering easy control for staff and the ability to plug in a fifth local device via a 3.5mm TRS socket. The VLA42 was also specified with the optional JUP2 19" rack-mount kit allowing both the VLA42 and 4SDL160 to be fixed in to a flight case taking up only 3U of space.

CUSTOMER REQUIREMENT

- 'No frills' background music system that must be easy to operate
- High quality audio output to represent retail products
- All equipment on show must be made as discreet as possible
- The control and power equipment must have a small footprint
- Audio playback from licensed music software provider using only RCA connections



APPLICATION EXAMPLE SPORTS FACILITY



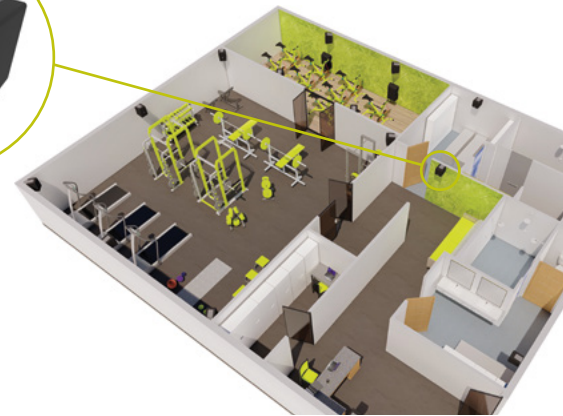
All Informations
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OBJECTIVE

A three independent zone sports facility with two zones featuring high SPL's and the third with background level audio. Each zone requires individual audio control.

CONCEPT

This project is treated as three separate installations as per the initial specification: reception, main gym area and spin studio. At the reception - including the changing rooms - five 4FW50T loudspeakers provide background audio, driven by a single 2SDL70 amplifier, and controlled by a VLA42 volume control node for input selection and volume setting.



In the main gym area, six 6FP100T loudspeakers combined with two 8SM300T subwoofers provide a punchy, high quality sound, with two 4SDL160 four-channel amplifiers powering all eight loudspeakers, fed by a single PAA42 media preamp. Finally, the spin studio features a high impact audio system consisting of four 6FP100T loudspeakers and two 8SM-300T subwoofers, all powered by two 4SDL160 power amplifiers running in 2.1 configuration, and fed by another PAA42.

CUSTOMER REQUIREMENT

- 3 Zones requiring individual audio control
- Limited member access to audio systems
- High impact system in the spin studio
- Background level audio for reception and changing facilities
- All three zones must have the ability to be auto-muted when evacuation alarm is active



APPLICATION EXAMPLE HOUSE OF WORSHIP



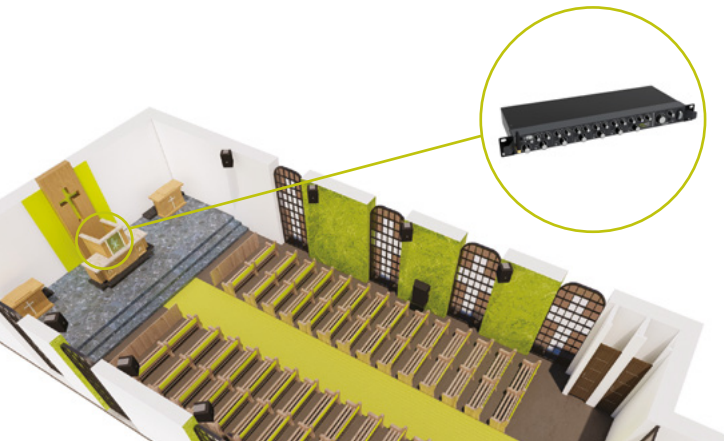
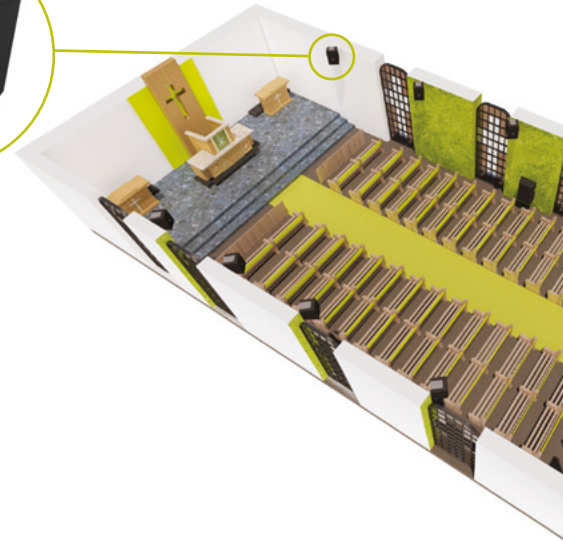
OBJECTIVE

To install an aesthetically pleasing audio system with a small footprint and control acoustic echo as much as possible without expensive external processing.

CONCEPT

This installation focuses on speech intelligibility and echo reduction. Eight 6FP100T loudspeakers are installed evenly above the pews. This allows for smooth audio distribution and the system can be operated at a lower volume. Also, the target area is sufficiently covered and the ambient echo is reduced. In addition, two 8SM-300T subwoofers are installed to extend the lower frequencies, such as when the church choir performs with the male bass singers. These speakers are mounted on the wall so as not to block walkways or interfere with the aesthetics of the building.

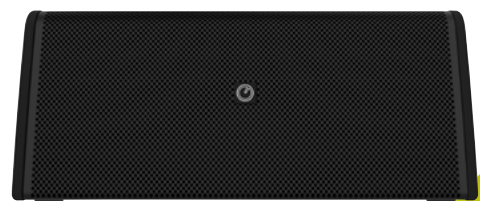
All Informations
and products
(see also page 6)



At the front of the church is the control equipment, which consists of an easy-to-use PAA71 line/microphone level mixer. This mixer is selected because it is suitable for both media and microphone inputs, and can be used to boost the media or microphone inputs if required. A single PAA71 provides a dedicated auxiliary input that can be fed either via a rear RCA connector, a front jack, or via wireless audio streaming thanks to the integrated Linkoustic technology. In addition, the PAA71 offers another five switchable inputs with line or mic levels, as well as a dedicated priority mic input for emergency broadcasts. In addition, the church uses the REC output for local recording of worship services on a PC.

CUSTOMER REQUIREMENT

- Control of the system exclusively from the back of the church by the operator
- Speech intelligibility must be in the foreground
- Even distribution of the sound for an optimal listening experience
- The system must be capable of operating up to four microphones simultaneously
- Ability to connect a single laptop for audio playback



APPLICATION EXAMPLE CONFERENCE SUITE



All Informations
and products
(see also page 6)

OBJECTIVE

An intuitive audio system that allows users of this conference suite to easily control and playback audio from media devices.

CONCEPT

This 22-seat conference suite features a 2.1 audio system with a pair of 6FP100T speakers and a single compact 8SM300T subwoofer. The latter is driven by a 4SDL160 four-channel amplifier. It is configured to its internal 2.1 mode and allows room-tuning functions. This system was chosen to provide higher sound pressure levels when needed, but also to provide a consistent and clear working volume. The amplifier is installed in a side room, inaccessible to the general users of the hall.



A single VLA42 was used because it has multiple audio inputs, includes an IR remote control, and can be installed above a false ceiling. Also, the included IR sensor extension can be used. Thus, the IR remote control can be reliably used throughout the room. A small patch panel is attached to the head of the console. Connecting audio devices is thus simple. The IR remote control allows source and volume control for each input.

CUSTOMER REQUIREMENT

- Simple user control
- Clear and intelligible audio for users of the suite
- Remote control of the system for operation from the desktop
- Everything but the speakers must be installed out of sight
- No wireless audio connection required for maximum reliability



APPLICATION EXAMPLE RETAIL STORE

No. 12604178

INTUSONIC VLA42 Remote Volume Controller 4-IN-1

Flexible 4-input volume control node, incl. IR remote control



No. 12604126

INTUSONIC 4SDL160 Class-D Amplifier 4x150W

Multichannel system amplifier, 4 x 150 W / 4 ohms



No. 12604179

INTUSONIC VRE11 Remote Control Panel

Flush-mount volume control, 4 zones, incl. IR remote control



No. 12604013

INTUSONIC 8SM300T 2x8" Subwoofer black

2 x 8" low-profile installation subwoofer 2 x 150W AES, 2 x 8 ohms



No. 12604001

INTUSONIC 4FW50T 4" Full-range Speaker black

4" background music speaker for indoor installations 20W AES, 16 ohms



APPLICATION EXAMPLE HOUSE OF WORSHIP

No. 12604126

INTUSONIC 4SDL160 Class-D Amplifier 4x150W

Multichannel system amplifier, 4 x 150 W / 4 ohms



No. 12604176

INTUSONIC PAA71 Microphone Line Mixer

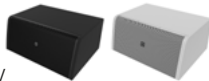
Microphone line mixer, 7 channels



No. 12604013.....black
No. 12604014.....white

INTUSONIC 8SM300T 2x8" Subwoofer

2 x 8" low-profile installation subwoofer 2 x 150W AES, 2 x 8 ohms



No. 12604003.....black
No. 12604004.....white

INTUSONIC 6FP100T 6.5" 2-Way Full-range Speaker

6.5" installation speaker 80W AES, 8 ohms, 116.5 dB max. SPL



APPLICATION EXAMPLE SPORTS FACILITY

No. 12604178

INTUSONIC VLA42 Remote Volume Controller 4-IN-1



No. 12604186

INTUSONIC PAA42+ Dual Output Stereo Media Preamplifier

19" preamplifier with media player, DAB+, wireless audio, IR remote and RS485 control option



No. 12604126

INTUSONIC 4SDL160 Class-D Amplifier 4x150W



No. 12604013

INTUSONIC 8SM300T 2x8" Subwoofer black



No. 12604124

INTUSONIC 2SDL70 Class-D Amplifier 2x65W

Stereo studio utility amplifier, 2 x 65 W RMS (4 ohms)



No. 12604003

INTUSONIC 6FP100T 6.5" 2-Way Full-range Speaker black



No. 12604001

INTUSONIC 4FW50T 4" Full-range Speaker black

4" background music speaker for indoor installations 20W AES, 16 ohms



APPLICATION EXAMPLE CONFERENCE SUITE

No. 12604126

INTUSONIC 4SDL160 Class-D Amplifier 4x150W



No. 12604178

INTUSONIC VLA42 Remote Volume Controller 4-IN-1

Flexible 4-input volume control node, incl. IR remote control



No. 12604013.....black
No. 12604014.....white

INTUSONIC 8SM300T 2x8" Subwoofer



No. 12604003.....black
No. 12604004.....white

INTUSONIC 6FP100T 6.5" 2-Way Full-range Speaker



No. 12604186

INTUSONIC PAA42+ Dual Output Stereo Media Preamplifier

19" preamplifier with media player, DAB+, wireless audio, IR remote and RS485 control option



No. 12604187

INTUSONIC HMA72 2-zone Audio Router

19" audio router, 5 stereo & 2 mic inputs, IR remote and RS485 control option



No. 12604188

INTUSONIC HMA74 4-zone Audio Router

19" audio router, 5 stereo & 2 mic inputs, IR remote and RS485 control option



No. 12604189

INTUSONIC HZE11 Zone Remote Control Panel

Flush-mount volume control, RS485, incl. IR remote control



NOVELTIES

Distribution Europe



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