



# audio

THE SOUND OF NEW TECHNOLOGY

*midwich*

# introduction

## Welcome to our 2020 Audio Guide!

**We have a large portfolio of products from several manufacturers, so learning about new technologies and products is paramount to our success. We like nothing more than testing new products and seeing how they collaborate and create a solution for a practical project. In the past, too often audio was viewed as an afterthought to an installation. However, end-users are no longer content to have “good enough” audio and are demanding easy to use, intuitive quality microphones and speakers that ensure the audio is crystal-clear.**

This is particularly true in unified communications and conference; brands like Yamaha, Sennheiser, Bosch and TOA have all launched new products recently for use in these areas. In higher education, lecturers require simple to use, sturdy microphones to address their students, Audio-Technica’s System 10 pro dual receivers take up less rack space and come in license-free frequencies. The Speechline range of microphones from Sennheiser is fast becoming a standard for lecturers and corporate speakers.

Speakers are becoming more stylish, in particular, brands like K-Array, with their sleek near-invisible speakers, and Apart, with their creative install solutions are helping to make speakers more discreet whilst keeping sound quality at the forefront. For larger venues RCF, JBL and Tannoy have a vast variety of speakers, both active and passive, to help end-users get their message across. For retail and leisure, the new contractor range from Cloud offers great value additions to their main range.

For those hard of hearing, Ampetronic and Listen Technologies have launched new amplifiers and infra-red products leading to more-inclusive, hidden solutions.

For commercial and live safety projects our team can help you understand the latest regulations and advise on products and solutions to ensure you adhere to them. TOA, Terracom, Ateis and Bosch all have EN54 approved products for these systems.

Lastly, home audio has always led the commercial side with the latest technologies, we are delighted to welcome Sonos to our custom install line-up. Alongside Yamaha & Monitor Audio our consumer ranges appeal to both the home audiophile and the more discerning commercial user. Boardrooms, boutique hotels, restaurants and leisure venues are all using home speaker brands to create a soundscape for our leisure time.

You can reach the team on 0161 868 1240 or [audio@midwich.com](mailto:audio@midwich.com) for help specifying, demonstrating and deploying audio.



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# meet the audio team



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# Our team of experts are here to support you on your audio journey

Whether it's advice on the latest products or an end-to-end solution, our highly trained Specialists deliver expert guidance to save you time and money.

## Contact our team for help with:

- ✔ Demonstrations
- ✔ System design and specification service
- ✔ Site surveys
- ✔ Product training available in house or by manufacturer
- ✔ Large stock holding enabling next day delivery
- ✔ Introductions to and collaborations with other technical divisions within the Midwich Group
- ✔ After sales support



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# Microphones

Great sound reproduction starts with great capture. Midwich Audio have an all-encompassing range of products in the portfolio that can be well suited to a variety of installed and portable applications.

With greater pressure on the deregulated UHF spectrum for wireless mic systems, a challenge that our industry is striving to meet, Midwich's product range gives a wealth of options to cater to nearly any requirement – whether a tight budget or high fidelity and rock-solid stability are the key requirement.

In this section, we've included a 'best fit' application for each product, however, most products are suitable for multiple categories. The categories include:

- MEETING ROOM
- BOARDROOM & CONFERENCE
- PRESENTING & HIGHER EDUCATION
- VENUES

If you'd like to further discuss the best microphone for your application, please contact one of our Audio Specialists.

**AKG**  
by HARMAN



## AKGC417PP

Frequency Range	20 - 20,000 Hz
Weight	68g
Dimensions	7.5 x 7.5 x 15mm

With open and natural sound, this microphone is ideal for all types of broadcast and theatrical applications.

**AKG**  
by HARMAN



## AKGCBL410PCCB

Frequency Range	20 - 20,000 Hz
Weight	159g
Dimensions	114 x 114 x 21mm

Perfect for teleconferencing applications, this microphone improves audio quality for VoIP conferencing.

**biamp.**



## Devo SCR-25 | Parle Microphone Range

Frequency Range	20 - 16,000 Hz
Weight	Mic: 160g   Ceiling Mount: 420g
Dimensions	61.6mm dia x 111mm

The SCR-25 uses Beamtracking™ microphones and professional grade DSP to optimise the audio quality, allowing far-end conference participants to experience the conversation naturally.

Parle Microphone range - The Parle Microphones range consists of ceiling, tabletop and pendant microphones and are ideal for huddle spaces.

**AKG**  
by HARMAN

**audio-technica**

**SENNHEISER**

**biamp.**

**SHURE**

**YAMAHA**



### AKGWMS470

Frequency Range	35-20,000 Hz
Weight	972g
Dimensions	202 x 44 x 190mm

If you're looking for a cost-efficient, high-performance multichannel system, the WMS470 is the best choice for you.



audio-technica.



### AUTEATW1311

Frequency Range	20 - 20,000 Hz
Weight	940g
Dimensions	209 x 44 x 169mm

Audio-Technica's rack-mount wireless system is easy to set up, simple to use and dependable. Set it up, turn it on and it's good to go.



audio-technica.



### AUTEPRO49QL

Frequency Range	70 - 16,000 Hz
Weight	84g
Dimensions	418mm in length

With a flat, smooth frequency response and self-contained electronics, this gooseneck mic delivers superior performance.



audio-technica.



### AUTEES954

Frequency Range	20 - 16,000 Hz
Weight	Mic: 160g Ceiling Mount: 420g
Dimensions	61.6mm dia x 111mm

This hanging microphone is an ideal, cost-effective solution for huddle rooms and other meeting spaces.



### SENEW100G4ME2

Weight	980g
Dimensions	190 x 212 x 43mm

With a robust bodypack transmitter and unobtrusive clip-on microphone, this is the perfect choice for moderators and presenters.



audio-technica.



### AUTEATW1322

Frequency Range	20 - 20,000 Hz
Weight	940g
Dimensions	209 x 44 x 169 mm

Easy to set up, these handheld microphones and receivers deliver a clear, natural sound.



**RVHDDUALEUNM | RVHDEXECEUNMAES | RVHDSGLEUNM**

### Yamaha HD Wireless Microphone Bases

These charging bases for the Yamaha HD Wireless Microphone range make it easy for you to always have fully charged microphones available. The range includes RVHDEXECEUNMAES (8 charge jacks), RVHDDUALEUNM (2 charge jacks), and RVHDSGLEUNM (1 charge jack).



**RVHDXLRMICEU11 | RVHDEXEMICEU11 | RVHDTBLMICEUOM1**

### Yamaha HD Wireless Microphone range

No wires. No limitations. These wireless microphone systems are optimised for spaces from video carts and small conference rooms to boardrooms and auditoriums. The range includes RVHDEXEMICEU11, RVHDTBLMICEUOM1, RVHDXLRMICEU11.





### SENEW100C4835

Frequency Range 80 - 18,000 Hz  
 Weight 980g

Engineered for professional live sound, this rugged all-in-one wireless system is ideal for singers and presenters.



### AKGD5

Frequency Range 70 - 20000Hz  
 Weight 320g  
 Dimensions 51 dia x 185mm

The D5 professional dynamic vocal microphone for lead and backing vocals delivers a powerful sound even on the noisiest stage.



### SENEW300G4BASE

Weight 980g  
 Dimensions 202 x 212 x 43mm

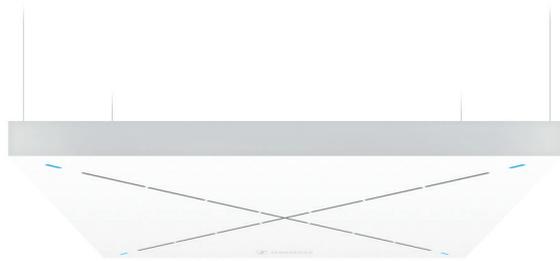
With a quick setup time, this wireless bodypack is easy to use and is compatible with a wide range of products.



### SENE835

Frequency Range 40 - 16,000 Hz  
 Weight 330g  
 Dimensions 48 dia x 180mm

This cardioid lead vocal stage microphone features excellent feedback rejection, high sound pressure handling capability and a rugged metal body.



TeamConnect Ceiling 2

## Raise your meetings to a higher level

Explore TeamConnect Ceiling 2, Sennheiser's new ceiling microphone for mid-sized to larger conference rooms. It doesn't matter how meeting rooms are used or how meetings are designed. Thanks to the auto-adjusting, patented beamforming technology, it adapts to the respective conditions on-site, without reconfiguration. Focus on what is really important - your messages.

[sennheiser.com/tcc2](https://sennheiser.com/tcc2)



**SENNHEISER**



# Meeting & Conference

## Perfect understanding among all attendees

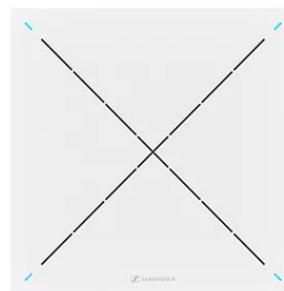
Meetings with attendees residing in other locations and foreign countries, telephone conferences held from mobile offices, communication with investors and the press—all this is an integral part of the modern working life. In order to convey all information in spite of long distances or vast audiences using the right equipment is decisive. Whether for two-person meetings or big conferences with up to 400 discussion units: Sennheiser offers the ideal audio solution that makes sure every word will reach the audience or the interlocutor reliably and crystal clear.



SL Handheld Set



SL Lavalier Set



TeamConnect Ceiling 2



SpeechLine Wired

# Control, Mixer & DSP

Covering a broad variety of installed control and DSP products, the Midwich portfolio covers everything from simple and intuitive mixers, to sophisticated multichannel DSP matrix mixers that can scale up to the largest of projects in transport infrastructure, sports facilities and hospitality spaces.

For technical assistance with mixers, routers, DSP and control accessories, please contact our Audio Team.



**biamp.**

  
**audio-technica**

  
**ESS**  
by HARMAN

**dbx**  
by HARMAN

 **YAMAHA**

**dbx**  
by HARMAN



## DBXZONEPRO1260M

Weight 2.81kg  
Dimensions 45 x 483 x 197mm

Featuring a total of 12 inputs and six outputs the ZonePRO 1260m has long been the obvious choice for managing commercial audio applications.

**dbx**  
by HARMAN



## DBXDRIVERACKPA2

Weight 2.4kg  
Dimensions 45 x 146 x 482mm

The DriveRack PA2 provides all the processing you need between your mixer and amplifiers to optimize and protect your loudspeakers.

**dbx**  
by HARMAN



## DBX131S

Weight 2.2kg  
Dimensions 44 x 152 x 482mm

Sure to find a home in the studio, on tour and within installed sound venues. This 31 band EQ is the professional's choice in signal processing.

**dbx**  
by HARMAN



## DBXAFS2

Weight 2.04kg  
Dimensions 44 x 146 x 482mm

Designed to completely eliminate feedback from a PA system, the AFS2 is ideal for bands, DJs, live sound and fixed installation applications.



### BSSDCP555

Weight 4.3kg  
 Dimensions 483 x 330 x 43mm

The BSSDCP555 provides support for up to four rooms of audio conferencing connectivity simultaneously without the need for separate IP phones in each room.



### BSSBLU100

Weight 4.1kg  
 Dimensions 483 x 45 x 318mm

The 12 in, 8 out BLU-100 has a rich palette of processing and logic objects and a “drag and drop” method of configuration providing a simple design environment.



### BSSBLU101

Weight 4.1kg  
 Dimensions 45 x 483 x 318mm

The BLU-101 offers the same feature set as the popular BLU-100 with added AEC (Acoustic Echo Cancellation) for conferencing applications.



### BSSBLU160

Weight 4.1kg  
 Dimensions 46 x 483 x 318mm

The BLU-160 offers 4 configurable I/O card slots, open architecture signal processing and a high bandwidth 256 channel digital audio bus.



### BSSBLUEC4BV

Dimensions Single-Gang Size

The EC-4BV can control and monitor parameters within BSS Audio Soundweb London and other HiQnet devices, including Crown DCi series amplifiers.



### BSSBLU10WHT

Dimensions 123 x 57 x 170mm

This simple, yet powerful, interface features a touchscreen, folders function and password protection capabilities.



## Versatile High-Fidelity Wireless

3000 Series expands the possibilities of performance

- Class-leading, extremely wide 60 MHz UHF tuning bandwidth for maximum versatility
- True Diversity operation reduces dropouts
- Unique multifunction button on the handheld and body-pack transmitters can be used to switch to a backup frequency should interference be encountered
- Automatically adjusts squelch setting to maximize range while minimizing potential interference
- Frequency scan and IR sync for ease of setup
- Handheld transmitter offers industry-standard thread mount for use with six interchangeable A-T microphone capsules, as well as other compatible capsules
- New rugged cH-style screw-down 4-pin connector on body-pack transmitter



*Optional smart charging docks*

[audio-technica.com](http://audio-technica.com)

**audio-technica**



### AUTEATDM0604

Weight 1.85kg  
Dimensions 44 x 217 x 326mm

This automatic mixer is ideal for meetings, soft codec applications, courtroom proceedings, radio and TV broadcasts.



### YAMMTX3

Weight 4.8kg  
Dimensions 480 x 44 x 351mm

Designed primarily for multi-zone commercial installations, this 26 x 8 matrix mixer/signal processor is equipped with flexible processing functions that are essential to a wide variety of applications.



### YAMMTX5

Weight 6.3kg  
Dimensions 481 x 44 x 362mm

The YAMMTX5, a 34 x 16 matrix mixer/signal processor, allows you to configure, program, and manage your entire sound solution via the intuitive interface of the accompanying MTX Editor software application.



### BIAAUDIOCONTROL

Weight 3.8kg  
Dimensions 44 x 313 x 308mm

This DSP powered audio matrix features advanced control of audio processing and routing with control of other (non-audio) devices.



### YAMMRX7

Weight 6.5kg  
Dimensions 480 x 88 x 366mm

The MRX7-D offers outstanding control efficiency and flexibility for a broad spectrum of audio installations.



### DCM1E

Weight 3.12kg  
Dimensions 570 x 270 x 220mm

The DCM1e has been designed to be completely self-contained, and can be fully configured and controlled without a computer of any kind.

# REVIEW YOUR COLLABORATION SPACE

Click a selection to edit this item.



**YVC1000/1000MS**  
Input Selection



**Yamaha MTX/MRX Processors -  
MTX3**  
Processing Selection



**Yamaha XMV8280**  
Amplification Selection



**Yamaha SWR2100P POE Switch -  
10G**  
Network Selection



FINISH





## Create a Complete Meeting Room Solution with the Yamaha Meeting Room Configurator

For spaces small and large, the Yamaha Meeting Room Configurator helps you piece together a solution that meets your clients needs and works seamlessly together. Try it out today!

Visit: <https://unity.midwich.com/yamaha>

### Input - YVC1000/1000MS

Ideal for medium and large spaces, this intuitive communications system features separate microphone and speaker units for flexibility during audio, web, and video conferencing.

### Processor - Yamaha MTX/MRX Processors - MTX3

Designed primarily for multi-zone commercial installations, MTX Series matrix processors are equipped with flexible processing functions that are essential to a wide variety of applications.

### Amplifier - Yamaha XMV8280

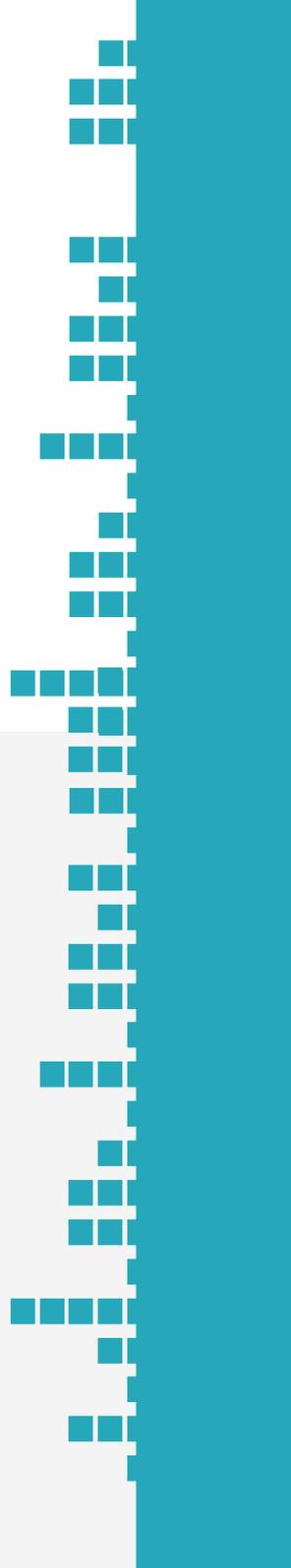
A comprehensive line-up to power your sound solution, the XMV Series multi-channel power amplifiers combine Class-D efficiency with features designed specifically to benefit commercial installation sound systems.

### Network - Yamaha SWR2100P POE Switch - 10G

Yamaha has used its knowledge of both IT and pro audio to provide "SWR2100P series" simple L2 switch that has been optimized for networked audio installations.

### Output - Yamaha ESB1080

The ESB-1080 Enterprise Sound Bar integrates the audio from video collaboration to create an immersive feeling for conference rooms. The compact and elegant design makes it the ideal solution for a range of enterprise spaces, such as conference rooms and lobby areas.



# Amplifiers

An "audio" amplifier is a device which converts low-power electronic audio signals such as the signal from a microphone or media player and increases them to a level that is high enough for driving loudspeakers.

Audio amplifiers can be found in all manner of sound systems including sound reinforcement in theatres, public address systems, conferencing, home audio systems and emergency voice evacuation systems. The amplifier is the final electronic stage in a typical audio system before the signal is finally sent to the loudspeakers.

Choosing the correct amplifier for the desired system can be influenced by many factors such as the quantity of loudspeakers, the type of loudspeaker, if the amplifier requires a built in mixer (mixer amplifier) or not (power amplifier) mono or stereo, low impedance or 100V Line.

In choosing the correct amplifier, a basic rule is to work out your speaker total power rating then make sure the amplifier is capable of delivering at least 10% more power above the total speaker loading. This is not only to assure the system is not overloaded, but also allows for possible future expansion.

In this section, we've included a 'best fit' application for each product, however, most products are suitable for multiple categories. The categories include:

## HOSPITALITY & RETAIL

## VENUES

If you'd like to further discuss the best amplifier for your application, please contact one of our Audio Specialists.



### CROWN XLS1502

Power Output	525
Weight	3.9kg
Dimensions	483 x 89 x 196mm

With a sleek new look, the XLS1502 features ultra-efficient DriveCore technology, higher DSP capabilities and selectable input sensitivity.



### CROWN XLS2502

Power Output	775
Weight	4.9kg
Dimensions	483 x 89 x 212mm

Driving 2400W at 4Ω bridged with tons of headroom guaranteeing a clean, undistorted signal straight to your speakers.

## LAB.GRUPPEN



### LABCA601

Power Output	60
Weight	2.2kg
Dimensions	44 x 218 x 299mm

The CA601 is easy to install and operate - even for non-technical personnel. It is the perfect solution for commercial and industrial applications requiring great-sounding distributed audio.



### CROWN CD41300

Power Output	300
Weight	7.31kg
Dimensions	483 x 89 x 311mm

The 4|300BL is a 4-channel amp that includes network control/monitoring, high-level DSP, front-panel interface, and support for driving up to 100Vrms speaker loads without requiring a transformer.

# Cloud



## CLOUDMPA120MK2

Power Output	120
Weight	2.15kg
Dimensions	482 x 44 x 150mm

Flexible and reliable, the Cloud 120W Mixer Amplifier has 6 line and 4 microphone inputs into a single zone.

# Cloud



## CLOUDCV8125

Power Output	1000
Weight	8.05kg
Dimensions	483 x 88 x 381mm

With flexible output options, the CV8125 is an energy-efficient, multi-channel digital 70/100v amplifier.

# Cloud



## CLOUD4680T

Power Output	320
Weight	8.6kg
Dimensions	484 x 88 x 320mm

The Cloud 46-80 is a versatile, four-zone, rack-mounting, audio mixing amplifier. It combines simple control of background music, microphone paging and power amplification for up to four zones in a single unit.



## TOAA2240

Power Output	240
Weight	13.2kg
Dimensions	420 x 360.3 x 100.9mm

The A-2240 features include five inputs, two auxiliary (stereo summing) line inputs, two balanced microphone inputs and one telephone input.



## TOAA2120

Power Output	120
Weight	10.8kg
Dimensions	420 x 360.3 x 100.9mm

The A-2120 delivers high cost-performance, flexibility and is easy to handle. It's suitable for commercial audio systems in a variety of environments.



## YAMXMV8280D

Power Output	280
Weight	10.1kg
Dimensions	480 x 88 x 422mm

This amplifier is a comprehensive line-up to power your sound solution. It's perfect for larger venues where long distance cabling is required.

## SONOS



### AMP

Weight	2.1kg
Dimensions	64 x 217 x 217mm

Bring the Sonos experience to your floor-standing, in-wall, in-ceiling, outdoor, and bookshelf speakers with Amp.

## biamp.



### BIACONCEPT1

Power Output	170
Weight	6.6kg
Dimensions	530 x 380 x 170mm

An affordable pro-use 100V stereo integrated amplifier, the Concept 1T offers versatile user settings, RS-232 control and more.

## biamp.



### BIAREVAMP2120T

Power Output	240
Weight	6.1kg
Dimensions	230 x 44 x 239mm

The Revamp-2120T produces immaculate sound performance, is extremely reliable and maintenance free.

## biamp.

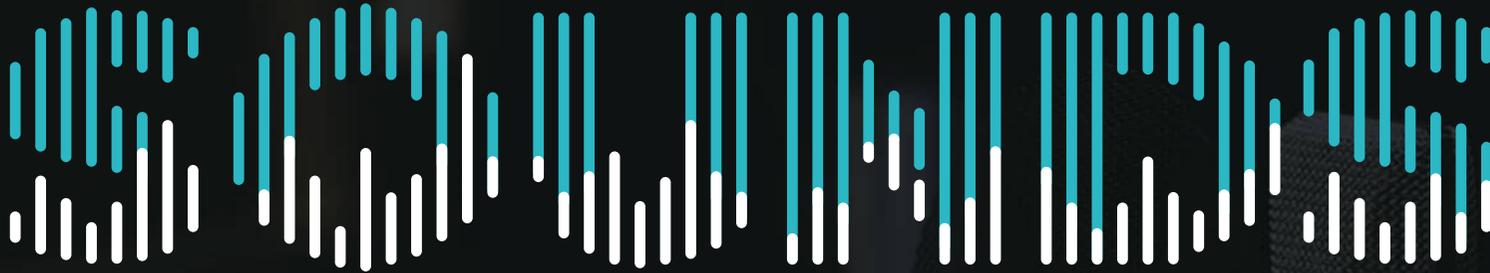


### BIAREVAMP4240T

Power Output	960
Weight	16.7kg
Dimensions	338 x 88 x 330mm

The Revamp-4240T is the ideal amplifier for applications with 4 zones in mono, 2 zones in stereo or even bridged dual mono or bridged stereo systems.

# Midwich



## Check out the **NEW** podcast series from Midwich

We are thrilled to launch our new informative podcast series. Showcasing the fantastic audio brands we work with as well as discussing the latest audio trends and technologies.

Listen now on Spotify®, iTunes®, Soundcloud & Google Music

# Loudspeaker

Choosing the right speakers for your project is critical. A great speaker for one application may be the worst for another.

Ceiling speakers can provide an unobtrusive solution for many environments where a wall mounted speaker isn't suitable. Ceiling speakers offer an even coverage across large spaces such as offices and retail units.

Wall mounted speakers are typically full range speakers and are often used in foreground music applications, however, they also serve well as BGM or paging speakers. Wall mounted speakers can be IP rated and suitable for outdoor use as well as in humid environments.

Horn speakers are designed to have a higher SPL than wall mounted speakers and are often used in outdoor environments where you need to address a large space. Horn speakers are more commonly used as paging speakers, however, music horns are becoming more and more sought after.

Subwoofers can be paired with wall mounted speaker or ceiling speakers; subwoofers are used where lower bass frequencies are required such as foreground music.

In this section, we've included a 'best fit' application for each product, however, most products are suitable for multiple categories. The categories include:

**HOSPITALITY & RETAIL**

**VENUES**

If you'd like to further discuss the best loudspeaker for your application, please contact one of our Audio Specialists.

## SONOS



### PLAY5

Weight 3.9kg  
Dimensions 203 x 364 x 154mm

Experience pure, vibrant sound with Play:5, tuned by renowned producer Giles Martin. Control it with the Sonos app, Apple AirPlay 2, and more.

## SONOS



### MOVE

Weight 3kg  
Dimensions 240 x 160 x 126mm

Experience surprisingly deep bass, a wide soundscape and Trueplay™ tuning that perfectly balances the sound for where you are and what you're listening to.

## SONOS



### SONOS ONE

Weight 1.85kg  
Dimensions 161.45 x 119.7 x 119.7mm

Get rich, room-filling sound with Sonos One, and control it with your voice, the Sonos app, Apple AirPlay 2, and more.

## SONOS



### In-Ceiling/In-Wall

Weight 2.26kg  
Dimensions 235.4 x 123 x 210mm

The In-Ceiling and In-Wall architectural speakers by Sonance are perfect for ambient listening.





### JBLCONTROL25-1

Power Output	200W Program power
Weight	3.4kg
Dimensions	188 x 243 x 145mm

This two-way 5" speaker has a rich sonic character, wide coverage, consistent dispersion, versatile mounting and a contemporary look.



### JBLCONTROL28-1

Power Output	240W
Weight	6.8kg
Dimensions	386 x 282 x 219mm

The 8" Control 28-1 is an excellent choice for a wide variety of applications where improved bass performance is desirable including: retail, restaurants, health clubs and education.



### RCFART310MK4

Power Output	400
Weight	13kg
Dimensions	337 x 537 x 314mm

These passive speakers are perfect for live sound reinforcement, stage monitoring and distributed sound systems in clubs, music venues and corporate events.



### JBLCONTROL65PT

Power Output	75
Weight	8.7kg
Dimensions	234 x 259 x 279mm

The 5" Control 65PT has 120° coverage, a silk-dome tweeter for high-fidelity sound and a 60w multitap transformer.



### JBLCONTROL26CT

Power Output	60
Weight	4.2kg
Dimensions	252dia x 210mm

The Control 26CT is a powerhouse ceiling speaker containing a coaxially mounted 6.5" woofer and 3/4" titanium-coated tweeter.



### RCFEVOXJMIX8

Power Output	700
Weight	22.2kg
Dimensions	400 x 623 x 460mm

The EVOX JMIX8 combines quality and reliability with a powerful remote controllable 8-channel digital mixer.

## MONITOR AUDIO



### MONITORPRO80LV

Power Output 40  
Weight 3.76kg  
Dimensions 294 x 101.4mm

The PRO-80LV 70/100V line speaker offers stealthy but highly flexible system options for commercial installations.

## MONITOR AUDIO



### MONITORBRONZE1B

Power Output 70  
Weight 3.5kg  
Dimensions 260 x 165 x 180mm

The 5.5" bass driver has been created to out-perform a larger conventional driver and results in a cleaner, more dynamic delivery, even at high power levels.

## MONITOR AUDIO



### MONITORBRONZE W10

Power Output 220  
Weight 12.8kg  
Dimensions 364 x 320 x 364mm

The sophisticated W10 subwoofer is part of the Monitor Audio Bronze collection, featuring an exclusive trinity of uprated amplifier topology, powerful DSP processing and long-throw driver design.

**biamp.**



### BIAMASK6CTBL

Power Output	60
Weight	3.9kg
Dimensions	198 x 328 x 190mm

With a unique design, the MASK6CT, delivers a crystal clear sound for all your public address and background music applications.

**biamp.**



### BIAMASK8FBL

Power Output	300
Weight	9.75kg
Dimensions	411 x 250 x 250mm

The MASK8F loudspeaker is a full range loudspeaker that produced an ultra low distortion and a sound that comes close to studio monitor quality.

**biamp.**



### BIASDQ5PW

Power Output	60
Weight	5.85kg
Dimensions	252 x 182 x 170mm

The SDQ5P is stylishly designed meaning it will integrate seamlessly next to a projector screen or flat TV.

**biamp.**



### BIASUBA165

Power Output	140
Weight	12.7kg
Dimensions	362 x 261 x 405mm

The SUBA165 is a high quality active subwoofer that give an incredible performance, especially considering its compact size.

# Cloud



## CLOUDCSC6W

Power Output	50
Weight	3.3kg
Dimensions	286 x 210.2mm

The CS-C6W features 2-way drivers, offering consistent dispersion across broad frequency ranges and accessible high or low impedance settings.

# Cloud



## CLOUDCVSP62TW

Power Output	20
Weight	2.85kg
Dimensions	205 x 120 x 295mm

These are suitable for speeches and announcements, and will find application in pubs and bars where a better quality of music audio is desirable.

# Cloud



## CLOUDCSS6W

Power Output	32
Weight	3.6kg
Dimensions	304 x 218 x 193.5mm

These 6-inch surface mount speakers are perfect for any environment, indoors or out. They offer consistent dispersion across broad frequency ranges.



## TOAHX7

Power Output	750W
Weight	30kg
Dimensions	497 x 664 x 274mm

Designed for indoor use, the HX-7 has adopted wave front control technology, ideal for reproducing clear sound in spaces with long reverberation times or high background noise.



## TOABS1030

Power Output	30
Weight	2.5kg
Dimensions	196 x 290 x 150mm

This universal speaker blends in with virtually all modern buildings. It has a splash-proof design and can be directly mounted to wall surfaces.



## TOASC615M

Power Output	15
Weight	1.3kg
Dimensions	222 x 179 x 234mm

This shock resistant aluminium oval horn is high-impedance, a non-obtrusive off-white colour and IP-65 compliant.

# TANNOY



## TANCMS503DCBM

Power Output	60
Weight	4.1kg
Dimensions	205.9mm diameter

The Tannoy CMS 503DC is a wide bandwidth, high power-handling and high sensitivity loudspeaker built around Tannoy's Ceiling Monitor System technology.

# BOSCH

Invented for life



## BOSCHLHM060610

Power Output	6
Weight	6.2kg
Dimensions	199mm diameter

This speaker is low-profile, mounting flush in ceiling cavities. It's suitable for speech and music reproduction.

# YAMAHA



## YAMDZR10D

Power Output	950
Weight	17.9kg
Dimensions	315 x 537 x 345mm

The DZR delivers a professional sound with a level of power that belies its compact, lightweight design.

# TANNOY



## TANVX8B

Power Output	130
Weight	8.5kg
Dimensions	388 x 280 x 275mm

Full range multi-purpose sound reinforcement loudspeaker for portable and installation applications.

# BOSCH

Invented for life



## BOSCHLB1UW06FL

Power Output	9
Weight	1.5kg
Dimensions	240 x 151 x 139mm

Quick and easy to mount to a ceiling or wall, the LB1-UW06-FL is a 6 W, general-purpose, cost-effective loudspeaker for indoor use.

# YAMAHA



## YAMVXL1B16

Power Output	320
Weight	3.9kg
Dimensions	54 x 846 x 104mm

These high-performance drivers with neodymium magnets are arranged vertically to create a line source that achieves outstanding projection.

# Assisted Listening

Assistive Listening Devices are devices or systems which assist the hearing-impaired members of society who struggle to hear properly in a busy or noisy environment, or in an area where there could be a significant distance between themselves and the sound or a person speaking.

The three main assistive listening technologies available are audio induction loop, infra-red and R.F. In many countries around the world this type of system is legally required in any public place where it is important that a hearing-impaired member of society is given the same opportunity to hear messages, speakers, or any other sound as clearly as anyone else. Typically, these would be found in places of worship, theatre, retail, transportation, sports venues and conference facilities.



Listen to the difference



## AMPD102DANTE

Coverage Area 2600m<sup>2</sup>  
 Weight 5.5kg  
 Dimensions 430 x 44 x 290mm

These drivers feature capacitive touch front panels, built in test signals, and are fully networkable with a Wi-Fi accessible standard browser based control panel.



## LISTZLT8402

Coverage Area 2787m<sup>2</sup>  
 Weight 0.4kg  
 Dimensions 38 x 272 x 105mm

This advanced IR product is simple to use, cost-effective and designed to blend in to any environment.



Listen to the difference



## AMPILD500

Coverage Area 700m<sup>2</sup>  
 Weight 3.75kg  
 Dimensions 430 x 44 x 220mm

The ILD500 is capable of driving loop areas in excess of 500m<sup>2</sup> with an unsurpassed clarity of sound for both music and speech.



## SIGNETPLIK1

Coverage Area 1.2m<sup>2</sup>  
 Weight 1.7kg  
 Dimensions 250 x 300 x 100mm

Designed in tough ABS plastic, SigNET's PL1/K1 portable induction loop system is a truly portable and extremely durable audio frequency induction loop system.



**sound**  
TECHNOLOGY

# Visit our professional audio and lighting demo facility

Located at our offices in Letchworth Garden City, Hertfordshire, our demo facility provides an ideal environment to listen to a comprehensive selection of the HARMAN Professional audio product portfolio. See and hear integrated solutions including JBL Control Contractor, AE Series, CBT Series and VTX Series loudspeakers, all powered by Crown amplification and networked via BSS Soundweb.



For any further information or to book an appointment please call us on 01462 480000.



# Conference System

You will see conference systems used in a multitude of environments ranging from smaller sized organizations to multinational corporations as well as local, regional and national government and in international summits. At Midwich we can offer world class solutions for meetings and conferences, offering wireless and wired solutions that provides a fully encrypted secure system that can be collaborated with other products to include video streaming etc. our partners have a wealth of experience and have been producing conference systems for over 65 years.

The market is trending towards a fully integrated solution where all kinds of information is shared over standardised infrastructure and interfaces, to fulfil the current and future market needs. Systems offer acoustical excellence, future expandability via software and security to provide a superb meeting experience.

In this section, we've included a 'best fit' application for each product, however, most products are suitable for multiple categories. The categories include:

## MEETING ROOM

## BOARDROOM & CONFERENCE

If you'd like to further discuss the best conference system products for your application, please contact one of our Audio Specialists.





### TOAAM1B

Weight 1.2kg  
Dimensions 483.9 x 22.1 x 64.9mm

The real-time steering array microphone system detects sound source location and steers its beam angle automatically to focus on that sound source.



### BOSCHDCNMWDE | BOSCHDCNMHDMIC | BOSCHDCNMDSL

#### Bosch Dicentis Wireless Collaboration range

The DICENTIS Conference System is the revolutionary IP-based platform for the integrated conference world of tomorrow. The complete line-up ranging from discussion only devices to the full-featured multimedia device makes the DICENTIS product family the best choice for any type of larger meeting.

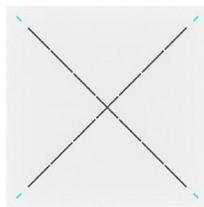
The range includes BOSCHDCNMWDE (wireless discussion device), BOSCHDCNMHDMIC (high directive microphone), and BOSCHDCNMDSL (discussion device).



### RVCS700AVEU

Weight 3.3kg  
Dimensions 98.75 x 68.5 x 861.7mm

Equip your huddle room with best-in-class audio, video, and screen-sharing capabilities with this all-in-one video conferencing system.



### SENCEILINGMIC2

Weight 5.67kg  
Dimensions 590 x 590 x 43mm

Ceiling Tile Microphone Array.

#### Talk to the Audio Team

Our team of experts are here to support you on your audio journey. Whether you need help with specification or demonstrations, contact us today.

0161 868 1240

# Sound bars

Soundbars initially made an appearance into the consumer market to be paired along home theatre systems and TV's.

Soundbars offer a much better listening experience as opposed to standard speakers that are built-in to displays and TV's. They can provide a more immersive cinema type of surround sound experience. Soundbars are also becoming more prevalent in the corporate and hospitality environments such as hotel rooms, board rooms and meeting rooms where a simple sound reinforcement solution is required. They also serve well in educational spaces as they can offer full coverage within a classroom whilst keeping cost to a minimum.

In this section, we've included a 'best fit' application for each product, however, most products are suitable for multiple categories. The categories include:

## MEETING ROOM

## HOSPITALITY & RETAIL

If you'd like to further discuss the best soundbar for your application, please contact one of our Audio Specialists.



SONOS



### SOUNDBAR2B

Power Output	60
Weight	10.5kg
Dimensions	900 x 80 x 88mm

The Sub Zero II has two built-in Ultra-Bass passive drivers, 2 bass drivers and 2 full range drivers.



### SOUNDBAR3B

Power Output	90
Weight	10.5kg
Dimensions	850 x 80 x 88mm

Designed to perform in any room large or small, the Sub Zero III will bring new life to your TV and you'll hear detailed audio like never before.



### SOUNDBAR3W

Power Output	90
Weight	7.31kg
Dimensions	850 x 80 x 88mm

The Roth Sub Zero III has been designed to give you the high definition audio you need to accompany your HD TV.



### YAMESB1080

Power Output	120
Weight	4kg
Dimensions	890 x 131 x 59mm

The Enterprise Sound Bar integrates the audio from video collaboration to create an immersive feeling for conference rooms.



### YAMYAS408BL

Power Output	200
Weight	2.7kg
Dimensions	965 x 58 x 109mm

The ideal surround sound system for those with limited space, this soundbar delivers multi-channel audio in an elegant, space-saving design.

## SONOS



### BEAM

Weight	2.8kg
Dimensions	68.5 x 651 x 100mm

Beam was specifically tuned by Oscar-winning sound engineers to emphasise the sound of the human voice so you can always follow the story.



### JBLPSB1

Power Output	20
Weight	1.8kg
Dimensions	900 x 90 x 65mm

The all-in-one design provides full-range sound without the need for a separate subwoofer and a 4-position volume limiting switch to control maximum volume output.



### MONITORSB2/3/4

Power Output	40/ 80/ 80
Weight	7.7kg/ 9.1kg/ 12kg

The SB2 has been specially designed for screens between 50-60". These high performance and stylish passive soundbars deliver a premium performance. The SB3 is best suited for screens above 60". The SB4 is ideal for screens larger than 70".

## SONOS



### PLAYBAR

Weight	5.4kg
Dimensions	85 x 900 x 140mm

Enjoy crisp dialogue and impressive bass from wall to wall with Playbar. Control it with the Sonos app, your remote, and more.

t: 0161 868 1240 | e: [audio@midwich.com](mailto:audio@midwich.com) | [www.midwich.com](http://www.midwich.com) |    

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