

School Hall soundfield systems

The school hall is usually a focal point in the life of a school. It is used daily for lessons and assemblies and throughout the year for important events such as plays, concerts and open days.

With a Connevens Hall Sound system, everyone in the hall (teachers, students, parents and guests) will hear clearly – giving you a clear advantage!



Why choose a hall soundfield system?

- ✓ Everyone in the hall will be able to hear the person presenting...all of the time
- ✓ Great sound will impress parents, prospective parents and visitors at school events
- ✓ To make the most of the hours of preparation for assemblies put in by staff and children
- ✓ To encourage participation from even the shyest children in performances



It is important to get the correct system for your school so we'll come to you to discuss your requirements and give advice – free of charge!

Completely flexible systems

– we offer a range of speakers and a choice of microphones



Speakers:
4, 6 or 8 professional JBL speakers, large or small, black or white



Number of microphones:
2, 4, 6 or 8 Trantec wireless radio microphones



Type of microphones:
Head worn, collar worn, or handheld radio microphones



Customise with add-on features

– add connections to your existing equipment

Add in: single or twin CD player, iPod dock, MP3 player or induction loop amplifier



Connections to:
plug in your iPod, laptop or projector



Re-broadcast:
use with all types of Radio Aids for children with a hearing loss

It's easy! Connevens have years of experience – we are the experts!

Our highly trained and experienced staff will specify and install everything for you. We show you how to use the system and you have our promise, it's all very easy.

Please feel free to contact us with any questions you have about Soundfield systems, either via email – soundfield@connevens.com or call us on 01737 247571 and talk to one of our Soundfield Team.



Phil Boswell, Robert Manwaring, Richard Vaughan and John Popplestone

Just call or email us and we will arrange a convenient time to visit you

Our most popular system

The SYS26 series is our most popular hall soundfield.

The system is installed in a sturdy wall-mounted cabinet with 6 white speakers.

Most people choose to include a CD/USB player and 4 radio microphones inside the cabinet.



A typical SYS26 hall system...



Lockable cabinet mounted on the wall with built in connection panel, storage drawer and audio mixer



CD/USB player with Bluetooth input installed in the cabinet



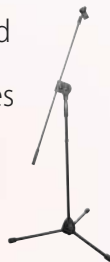
2 x radio microphones with belt pack and collar worn microphone



6 x white speakers mounted high on the wall around the hall



2 x handheld radio microphones with floor stands



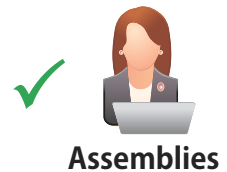
Delivery and Installation in your hall

plus all the connecting leads, batteries, & chargers you'll need to use the system

...all for a fantastic £ 4990
(£ 4158 ex VAT)

For full details, see page 106

Suitable for...



We have standard packages which will suit many situations – we are also able to apply our expertise to create a bespoke package to suit your school's requirements



Do you use your hall in different configurations?






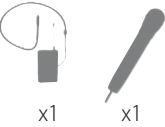

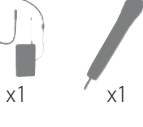

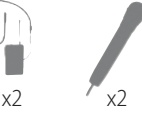

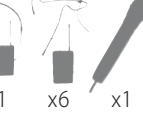

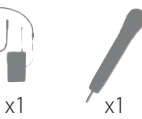


For complete flexibility, we can supply your hall soundfield system in a wheeled cabinet.

We install two connection points in your School Hall (usually one at each end!) so the system can be operated from different places, depending on how your assembly is planned.

Then when the event is over it can be easily disconnected and kept safely in a storeroom.



Fixed hall sound systems comparison chart

JBL speaker options	SYS10	SYS20 series				SYS30 series			
		SYS26			SYS28	SYS34	SYS36	SYS38	
Control 1 Speech & background music   Speaker size: 235 x 159 x 143mm Control 5 Speech & music to disco level   Speaker size: 387 x 251 x 225mm	  x1 x1	  x1 x1	  x2 x2	  x1 x6 x1	  x1 x1	  x2 x2			
Max. recommended hall size	15 x 20m				18 x 25m	15 x 20m	20 x 25m	20 x 30m	
Sound level	Speech & general background music				Speech & music up to 'disco' level				
Lockable cupboard	<i>no, freestanding</i>	✓				✓			
Internal drawer	<i>no</i>	✓				✓			
Standard cupboard size in mm (width x depth x height)	<i>n/a</i>	12U 600 x 500 x 640	15U 600 x 500 x 775	18U 600 x 500 x 910	12U 600 x 500 x 640	15U 600 x 500 x 775			
Belt pack transmitter with collarworn microphone	1	1	2	1	1	2			
Handheld radio mic	1	1	2	1	1	2			
Belt pack transmitter with headworn microphone	optional	optional	optional	6	optional	optional			
Single deck CD with USB	optional	optional	included	included	optional	included			
Dual deck CD with USB	optional	optional				optional instead of single deck CD with USB			
CD/DVD player	optional	optional				optional instead of single deck CD with USB			
Line level auxiliary inputs	3	2				1			
Pull out tray for laptop	<i>n/a</i>	optional	optional	✓	optional	optional			
LED twin lamp unit	<i>n/a</i>	optional	optional	✓	optional	optional			
Induction loop	optional	optional				optional			
Integral radio aid transmitter	optional	optional				optional			
Speakers – see above	6 x JBL Control 1	6 x JBL Control 1			8 x JBL Control 1	4 x JBL Control 5	6 x JBL Control 5	8 x JBL Control 5	
White speaker option	✓	✓				✓			
Installation included	✓	✓				✓			
Part number	4016WA011	4026WDA011	4026WED022	4026WFG611	4028WDA011	4034WED022	4036WED022	4038WED022	
	inc VAT ex VAT	inc VAT ex VAT	inc VAT ex VAT	inc VAT ex VAT	inc VAT ex VAT	inc VAT ex VAT	inc VAT ex VAT	inc VAT ex VAT	
Cost each	£ 2706 £2255	£ 3792 £ 3160	£ 4990 £ 4158	£ 7518 £ 6265	£ 4044 £ 3370	£ 5556 £ 4630	£ 6180 £ 5150	£ 6816 £ 5680	

A guide to Connevens rack mounted hall sound systems

Easy to use audio mixer

The mixer unit we have chosen to use in our Connevens SYS20 & SYS30 series hall sound systems does not require a qualified sound engineer!



6 audio inputs – 6 controls

Security

– lockable equipment cabinet with a drawer unit.

Flexibility

– modular racking system allows future equipment additions

Professional

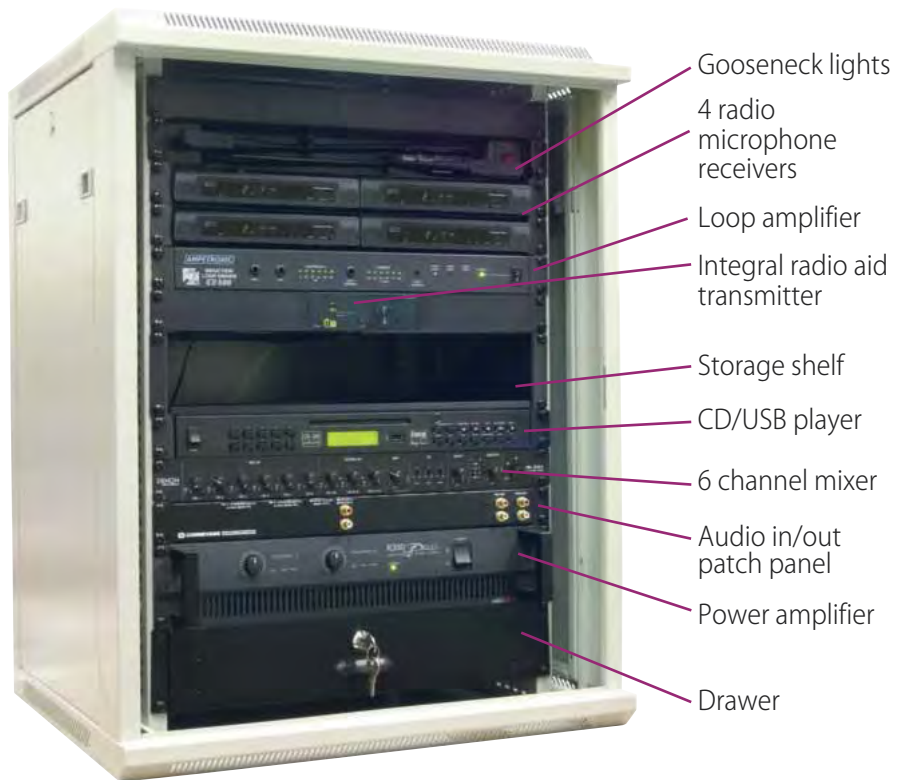
but not over complex



This picture shows a wall cupboard with its door fitted and closed. The aerials are for the radio microphones.

Contents of the rack mounted unit

The example 15U cupboard below has had its door removed.



The rack cupboards that we supply have a removable door (once unlocked) for ease of operation during an intensive period of use, such as a show, and removable side panels for ease of maintenance.

Standard rack system

Our SYS20 & SYS30 series hall systems are based around an industry standard 19" rack system – you get no bonus points for guessing that the equipment panel mounting width is 19".

There is also an easy to follow system for the height of equipment in the cupboard: these heights are measured in 'U' units (1U is 1³/₄" or 45mm).

A SYS20 is usually fitted in a 12U cupboard and the SYS30 into a 15U.

Therefore a 12U rack mount unit has panel height of 21" and a 15U unit is 26¹/₄" high.

All of the items fitted into the rack cupboard are screwed to the vertical front runners, including panels, shelves, amplifiers etc. The overall system is very flexible and makes it easy to provide bespoke configurations with additional components such as a CD/USB player, graphic equaliser, loop amplifier or more radio microphones. Often a larger cupboard is requested to allow space for future expansion of the system.

Overall size of rack mount cupboards: width = 600mm, depth = 500mm.
12U height = 640mm, 15U height = 775mm, 18U height = 910mm.



SYS20 series – Installed sound system suitable for speech and general music Includes 2 radio microphones

Wall mounted system with 2 UHF radio microphones with the equipment fitted in a smart 12U lockable wall mounted cupboard.

Includes:

- 1 x Lockable wall mounted 12U 19" rack mount unit with 2U drawer and storage shelf
 - 2 x UHF radio microphones (1 collarworn microphone, 1 handheld)
 - 1 x Boom microphone stand
 - 1 x Mixer
 - 1 x Amplifier
 - 1 x Patch panel
 - 6/8 Wall mounted JBL Control 1 speakers depending on choice of package
 - 4 x Rechargeable PP3 batteries with intelligent dual PP3 charger
 - 1 x AV connection pack
 - 1 x Connevens radio aid connection pack
- Cable, connecting leads & Installation – see notes on page 108.



SYS26 – 6 speaker system for a hall of up to 15 x 20m

4026BDA011 Black speakers
4026WDA011 White speakers

Each	inc VAT	ex VAT
1+	£ 3792.00	£ 3160.00

SYS28 – 8 speaker system for a hall of up to 18 x 25m

4028BDA011 Black speakers
4028WDA011 White speakers

Each	inc VAT	ex VAT
1+	£ 4044.00	£ 3370.00

Speaker dimensions:
235 x 159 x 143mm.

SYS20 series hall soundfield systems with enhanced facilities to suit your needs and budget are available. We show three examples, but if you would like a different number of radio microphones etc. please contact Phil or Robert in Customer Services.

SYS26 with... 4 radio microphones and a CD/USB player



6 speaker system for a hall of up to 15 x 20m

Contents as per SYS26 but with 2 mic floor stands and a 15U wall cabinet with a CD/USB memory stick player plus a total of 4 radio microphones (2 handheld & 2 collarworn).

4026BED022 Black speakers
4026WED022 White speakers

Each	inc VAT	ex VAT
1+	£ 4989.60	£ 4158.00

SYS26 with... 8 radio microphones, CD/USB player & pull out laptop tray



6 speaker system for a hall of up to 15 x 20m

Contents as per SYS26 but in an 18U cabinet with a CD/USB memory stick player and a total of 8 radio microphones (1 handheld, 1 collarworn & 6 headmics), 1 floor stand, 12 mic mixer channels, 6 stereo aux channels & pull out laptop tray.

4026BFG611 Black speakers
4026WFG611 White speakers

Each	inc VAT	ex VAT
1+	£ 7518.00	£ 6265.00

Our standard mixer has 6 radio mic inputs and 3 stereo line aux inputs for TV, CD etc. There is a 3 way equaliser for overall tone adjustment. The 19" rack unit has spare capacity to accept additional radio microphones and/or CD player etc. (See pages 105 and 110)

SYS26 – in a freestanding wheeled cabinet

For complete flexibility, we can supply your hall soundfield system in a wheeled cabinet. This system can be connected and operated from different places in your School Hall then, when the event or assembly is over, is easily disconnected and stored safely in a storeroom.


This cabinet on wheels has a removable cover. There is a simple to use 6 channel mixer to control your radio microphones as well as the opportunity to plug in your laptop or iPod etc. Normally we would install two connection points for the speakers – usually at the front and the back of the school hall (please note that mains power is required at each speaker connection point).

The system can be connected and used at either of the speaker connection points, depending on how your performance or assembly is planned. There is also the option to ‘rebroadcast’ the mixed sound to any deaf students, via their own personal radio aid equipment.

6 speaker system for a hall of up to 15 x 20m – supplied in wheeled cabinet

Contents are exactly as per our SYS26 wall mounted/fixed system, in a 12U wheeled cabinet.

The wheeled system has a 3m speaker connection lead and mains extension lead.

4026BWA011	Black speakers	
4026WWA011	White speakers	
Each	inc VAT	ex VAT
1+	£ 4026.00	£ 3355.00



Speaker dimensions: 235 x 159 x 143mm.
Closed wheeled cabinet size: 715 x 545 x 725mm.

Case Study: Leatherhead Trinity School and Children's Centre

Leatherhead Trinity is a two-form entry primary school, serving the whole community of Leatherhead in Surrey.

The school are fortunate to have a new school building, opened by HRH the Duke of Kent, with excellent facilities including an ICT suite, a dance/music studio and a multi-use games area.

One thing was missing – for music in the school hall they had an ‘elderly’ stereo system, with nothing to amplify speech. Consequently school assemblies could not be clearly heard by students, staff and visitors.

We were approached by the school to provide a Soundfield system in their hall, which was partly to be funded by the ‘Friends’ of the school.

They say that children can be very honest, so after the Connevens Hall Soundfield system was installed one evening after school, we were delighted to receive these ‘Thank You’ letters!

"The Soundfield system in our hall makes a huge positive difference to our school. For the last few years we have had a wonderful hall, but in assemblies, parents and staff could not hear many of the children, especially the softly spoken ones, or some of the teachers. We are delighted with the Soundfield system, it is easy to use and Connevens have done a really good job for us."
Mrs Lindsay Boswell
Leatherhead Trinity School



SYS30 series – Installed enhanced sound system for more flexible use Includes 4 radio microphones

This package offers higher specification and sound quality JBL Control 5 speakers for excellent speech reproduction and music to disco level.

A wall mounted system including 4 UHF radio microphones, a CD/USB memory stick player all fitted in a 15U cabinet.



Includes:

- 1 x Lockable wall mounted 15U 19" rack mount unit with 2U drawer, storage shelf
 - 4 x UHF radio microphones (2 collarworn microphone, 2 handheld)
 - 2 x Boom microphone stands
 - 1 x Amplifier
 - 1 x Mixer
 - 1 x Patch panel
 - 1 x CD/USB memory stick player
 - 4/6/8 Wall mounted JBL Control 5 speakers depending on choice of package
 - 8 x Rechargeable PP3 batteries with 2 x intelligent dual PP3 chargers
 - 1 x AV connection pack
 - 1 x Connevens radio aid connection pack
- Cable, connecting leads & installation – see notes below.

White or black speakers available, please specify when ordering.



SYS34 – 4 speaker system for a hall of up to 15 x 20m

4034BED022 Black speakers
4034WED022 White speakers

Each	inc VAT	ex VAT
1+	£ 5556.00	£ 4630.00

SYS36 – 6 speaker system for a hall of up to 20 x 25m

4036BED022 Black speakers
4036WED022 White speakers

Each	inc VAT	ex VAT
1+	£ 6180.00	£ 5150.00

SYS38 – 8 speaker system for a hall of up to 20 x 30m

4038BED022 Black speakers
4038WED022 White speakers

Each	inc VAT	ex VAT
1+	£ 6816.00	£ 5680.00

The 8 speaker system can also be used as two 4 speaker groups to cover two areas, such as dividable halls, with separate volume control for each area.

The mixer in the SYS30 series is the same as supplied with the SYS20 series and has 6 inputs (all accepting either balanced mic or aux or stereo line aux inputs for TV, CD etc.). There is a 3 way equaliser for overall tone adjustment.

Speaker dimensions: 387 x 251 x 225mm.

Hall soundfield installation notes

Note 1. The package price includes installation but does not include alteration to mains wiring, i.e. there needs to be a switched double 13Amp socket adjacent to where the rack mount wall unit is to be installed. The wall unit requires sturdy wall fixing and thoughtful and safe siting so that people will not walk into it but so that it is still convenient to operate. Please talk with us should you be aware of any potential problems so we may tailor a package and installation accordingly.

Note 2. For health and safety reasons, a safe scaffold tower is required during installation. Many halls already have a suitable tower for changing light bulbs and routine maintenance – if an appropriate height tower is not available there is an additional charge for providing one.

Note 3. Clear site access is required from 8am to 6pm with power available. Please ensure that items such as gym equipment or temporary staging have been cleared away prior to the day of installation. Unfortunately, time is money and an additional charge will be made if our installers have delayed access or are asked to clear the hall for lunch!



SYS10 Installed sound system suitable for speech and general music

Includes 2 UHF radio microphones – this system has the same sound quality as a SYS20.

For a hall of up to 15 x 20 metres

This system has a free standing mixer amplifier for easy installation onto an existing shelf or in a walk in cupboard.

Includes:

- 1 x Mixer amplifier
 - 2 x UHF radio microphones (1 collarworn microphone, 1 handheld),
 - 1 x Boom microphone stand
 - 6 x Wall mounted JBL Control 1 speakers
 - 4 x rechargeable PP3 batteries with intelligent dual PP3 charger
 - 1 x AV connection pack
 - 1 x Connevens radio aid connection pack
- Cable, connecting leads & Installation – see notes below and on page 108.



4016BA011
4016WA011

Black speakers
White speakers



Each	inc VAT	ex VAT
1+	£ 2706.00	£ 2255.00

The mixer amplifier has 8 inputs (7 balanced mic inputs inc 3 line inputs for TV, CD etc. + phono) Each input channel has individual adjustment for tone and level. There is also an overall tone adjustment using a simple graphic equaliser. Additional equipment may be easily connected (see info on page 110). *Speaker dimensions: 235 x 159 x 143mm.*

SYS10 Installation notes

The package price includes installation but does not include alteration to mains wiring, ie there should be 2 switched double 13Amp sockets adjacent to where the amplifier is to be used. (We do include a short mains 4 way block with the equipment however 2 wall mounted double sockets are preferable).

This system requires an existing shelf or cupboard. The mixer amplifier is 260 x 480 x 350mm and weighs approx 17Kg. Assuming you wish to have the battery charger beside the mixer amplifier, a sturdy shelf 700 x 360mm is required, capable of taking a load of 20Kg. The radio microphone receivers are usually placed on top of the mixer amplifier so a total clearance of 520mm is required. The charger could of course be used elsewhere if more convenient and it is worthwhile considering where you will store the transmitters.

Attractive additions for hall soundfield systems

Increasingly, schools use their halls as an income stream, hiring them out after school and at weekends for use by local groups. A good soundfield audio system will prove an attractive feature when people are considering hiring your hall. Ideal for popular activities such as adult education, dance classes & bingo(!), the benefits of your sound system will allow you to offer a premium service to users, which in many cases means that the equipment ends up paying for itself!

Induction loop option

Equality Act compliance is important for any public building. Including an integrated 'T' loop induction system for use by visitors with hearing aids is a good option to add to a hall soundfield to help you meet your requirements.

The additional cost for a hall loop system is approx £ 1800 (£ 1500 ex VAT), including installation and the integration of the loop amplifier within the hall soundfield rack mount unit.

Please contact Robert with any questions you may have about loop systems on 01737 247571 or email RobertM@connevens.com



Phonak Roger BaseStation mains powered Roger radio aid transmitter

The high power Roger BaseStation transmitter, in conjunction with repeater units, from Phonak will cover large areas such as auditoriums, places of worship, town halls, cinemas, theatres, sports venues or other public places.

The Roger BaseStation can be rack-mounted, or more usefully wall mounted, in the area to be covered and is used with universal Roger MyLink receivers, which work with hearing aids on the loop program or standard headphones for non-hearing aid wearers. The Roger BaseStation transmission range without adding repeaters is 15-40m (depending upon environment). Up to 35 Touchscreen Mics can be used in the system network.

The system is very simple to use and the receiver & headphones are convenient for loaning to visitors. For more information on wireless group listening systems please contact Robert Manwaring so we can quote for a system tailored to your requirements.

Phonak Roger BaseStation transmitter

Supplied with UK mains power supply, 1 dipole antenna and a single rack mount kit with fixings.

Phonak part No. 052-3342

3PRBASE



Each	inc VAT	ex VAT
1+	£ 1560.00	£ 1300.00



Phonak Roger MyLink receiver & headphones

Supplied with UK mains charger.

3PRMYLINK2H



Each	inc VAT	ex VAT
1+	£ 282.68	£ 235.57

