Swift Digital Soundfield

User & Installation Guide
for systems with Swift TX & handheld transmitters and SwiftConnect wireless link

Connevans

B45SWDUG5 V5.0

The Swift Digital is a wireless infra-red soundfield system which benefits both students and tutor – a few minutes of your time will help you understand how and why the system works so well.

A soundfield system...

benefits the tutor
offering greatly reduced vocal fatigue, improved class discipline and attentiveness.
Less repetition is required and there is a generally less stressed teaching day.

benefits the student
offering improved speech clarity and verbal recognition for all class members including those with permanent or temporary hearing loss. Academic performance has been shown to improve with the introduction of a soundfield system.

A relaxed listening experience
Try the system out with a colleague before using it in class. When setting the volume, if you can hear your own voice very clearly from the Swift Digital unit from across the classroom then the volume is probably too loud! Make sure you experience the system by listening to somebody else. Listening for yourself is the best way to understand why the Swift Digital system does not need to be set very loud to achieve an enhanced and relaxing listening experience.

Siting the Swift Digital
The Swift Digital unit is usually best positioned at the opposite end of the classroom to the tutor, above seated head height. Although the Swift Digital has a single hyper-wide dispersion speaker, when in use the system actually has two 'speakers'. One is the Swift Digital and the other is yourself – a sound source at both ends of the room.

When set up properly, a soundfield system will actually reduce the overall noise level in a classroom and because there is no need to 'talk loudly' it gives a pervasive, clearer & more natural sound to your voice.

Swift Digital remote volume adjust
The Swift Digital has a remote volume adjust feature for use with a Swift TX transmitter.

Components & Installation

System components

Swift Digital transmitter options
The Swift TX pendant transmitter is exceptionally light and easy to wear and has excellent sound pickup.

The handheld transmitter is ideal for group discussion or guest use.

The Swift Digital can have two transmitters in use simultaneously in addition to accepting audio input from a SwiftConnect and any directly connected aduio input.

Your Swift Digital kit will include one or more of the following:

Swift TX microphone transmitter
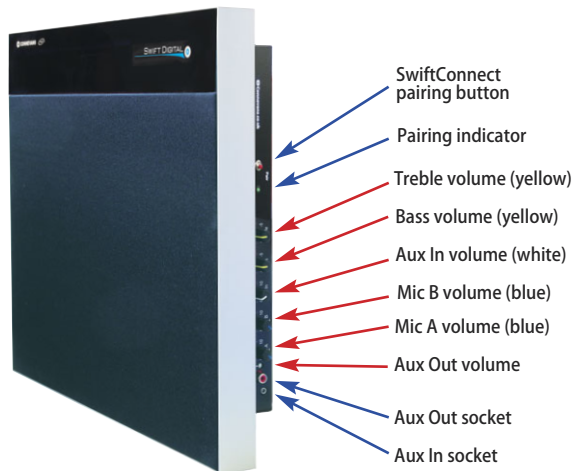
Handheld microphone transmitter

Optional
SwiftConnect wireless link

Swift Digital speaker amplifier

There are six controls on the Swift Digital amplifier. Once set, these controls are normally left alone and should rarely need adjusting. The Swift Digital has a remote volume adjust feature when used with a SwiftTX transmitter.

Included in the Swift Digital kit is a 3.5mm to 3.5mm stereo lead *(part.no. MXA117A)*. If you are not using a SwiftConnect, this lead can be used to input sound to the Swift Digital from an iPod or anything else with a 3.5mm headphone socket.

SwiftConnect pairing button

Pairing indicator

Treble volume (yellow)

Bass volume (yellow)

Aux In volume (white)

Mic B volume (blue)

Mic A volume (blue)

Aux Out volume

Aux Out socket

Aux In socket

A host of alternative audio leads including extension leads are available – please see catalogue section 10 or our website: **www.DeafEquipment.co.uk** and search 'audio leads'

To conserve power, when not in use, please switch off at the power socket.

The Swift Digital automatically enters a low power standby state when not in use and the blue LED in the front panel blinks slowly (normally solid). However, as the Swift Digital operates from an external power supply, on environmental grounds it is still best to switch off at the power socket when not in use.
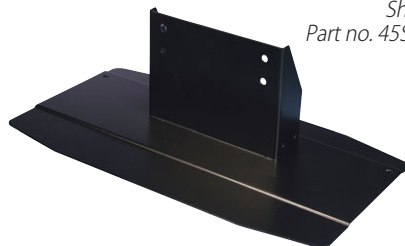
The Swift Digital is supplied as standard with a flush wall mounting bracket.

The Swift Digital accepts a standard 100mm VESA mount and a choice of alternate wall mountings is available, as is a shelf stand.

Wall mounting bracket supplied with Swift Digital

*Shelf stand Part no. 45SWSHELF*

Positioning the Swift Digital speaker amplifier

Connevans advise positioning an Swift Digital amplifier/speaker centrally on the wall at the opposite end of the room to where the tutor would normally stand.

The Swift Digital should be positioned above head height, which for a classroom would be seated head height.

It is difficult to give an exact measurement as you need to consider what is already on the wall, but the criteria are:

a) Above head height so that there is a direct line of sound to everybody in the room.

b) Above head height so that there is line of sight for the infra-red signal from the transmitter.

c) The controls should be within reach for the tutor – although once set they should rarely need adjusting.
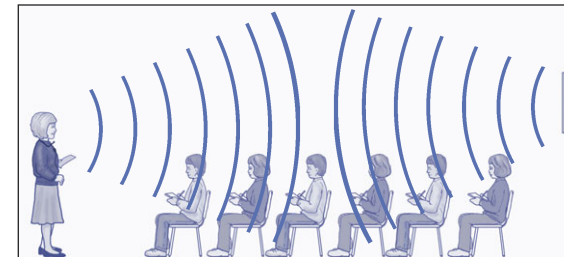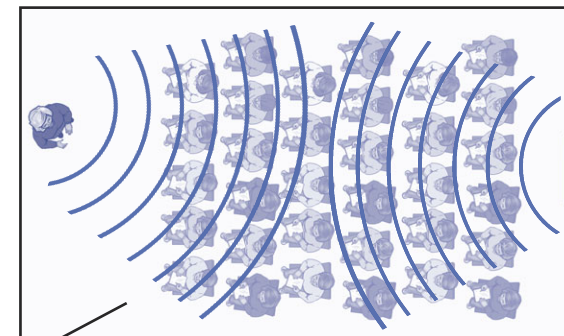
When using an Swift Digital with the optional shelf stand it may be sited anywhere where you are happy with its performance with regard to the sound and signal pickup from the transmitter – siting it higher is better than lower.

The guidelines above, for wall mounting, still apply.

If placing on a wooden shelf, there are screw holes in the stand base to allow fixing to the shelf.

Wall mounting the Swift Digital speaker amplifier

Swift Digital amplifier/speaker units are supplied with a flush mount wall bracket already fitted.

1. Remove the bottom two screws as shown to release the wall mounting plate.
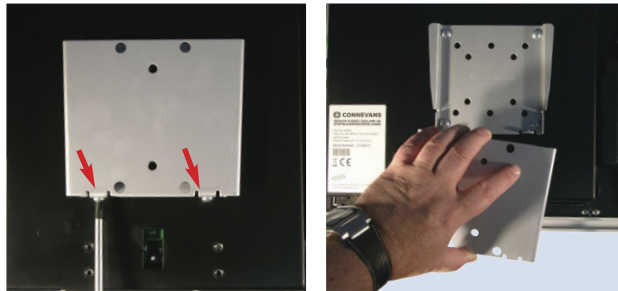
2. Fit the wall plate in chosen position (see page 5) – remember to plan where your mains lead will run. See opposite.

3. Slide the Swift Digital unit on to the wall bracket and secure with screws removed at step 1.

   A long philips screwdriver will be required. (Connevans part no 45SWPHIL)

The Swift Digital uses the standard 100mm VESA bracket system. A wide range of alternative VESA fixings are available from Connevans and other suppliers.

Alternative VESA mounting brackets
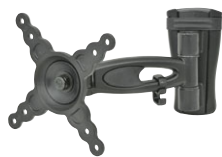
Single arm
Part no. MX129511

Non flush mounting
Part no. MX129510

Jointed arm
Part no. MX129512

Mains connection and power supply

It is important that the Swift Digital is sited in a position for good sound rather than just near to an existing mains power socket.

Ideally there should be a dedicated mains socket near to the Swift Digital amplifier/speaker unit.
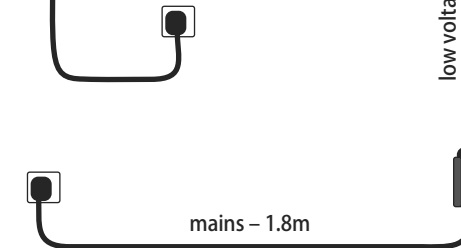
Alternatively, if a mains socket cannot be fitted close by, the power supply holder may be removed from the Swift Digital and fitted directly to the wall.

mains – 1.8m

Extension cables are available for the 1.65m low voltage dc power cable running from the IR Swift:

Part no. XDCA05BK   **5m**
Part no. XDCA10BK   **10m**

low voltage – 1.65m

mains – 1.8m

The power supply holder may be fitted to the wall either vertically or horizontally, as appropriate, and the wire should be either clipped to the wall or fitted in trunking.

It is important that both the low voltage and mains voltage cabling are safely and neatly secured. We would advise against fitting the mains power supply unit and holder anywhere where it could be accidentally kicked, or knocked by a vacuum cleaner.

If security is an issue the Swift Digital has a standard kensington laptop security cable 'locking slot' on the top left. Connevans can supply security cables with key locking.

Part no. MX501141
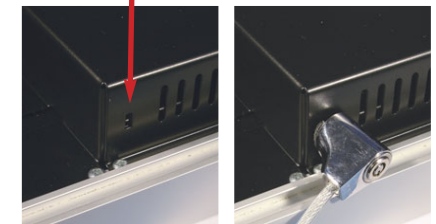
Demonstrate and set the volume level for the room

It is important that the soundfield is set up properly. We have found that some users set the system too loud. This is unnecessary and undesirable. The golden rule is "if the user of the transmitter can hear themselves very clearly from the Swift Digital, then the volume is probably too loud". It is difficult for the person talking to judge the level of their own amplified voice.

The usual way to set up an Swift Digital uses the subjective judgement of another person. Two people are required with the class tutor preferably being the one doing the talking.

Setting the correct volume level

- Wear the microphone as shown.

- Stand at the front (your usual position).

- Switch the transmitter off and talk in a normal voice to your colleague while they stand at arm's length in front of you.

- Ask your colleague to remember the average sound level and then get them to walk over to the Swift Digital amplifier/speaker.

- Switch the transmitter on.

- Ask your colleague to increase the 'Mic A' volume control on the amplifier, whilst you continue to talk in the same normal voice as before, until they judge the sound level at arms length from the Swift Digital to be just slightly louder than when they were standing in front of you.

- The tone controls can now be adjusted if necessary to optimise vocal clarity.

- Ask your colleague to make sure that your voice is clear all around the room.
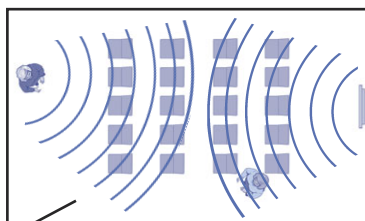
Job done! Don't be tempted to increase the volume much further as teachers tend to raise their voices in an active classroom situation!

Confidence

Please do not underestimate the importance of ensuring that the tutor has the opportunity to experience listening to another person using the Swift Digital. There are two reasons for this: firstly so that they become impressed at the natural sound and secondly it is hard for anyone to listen objectively to their own voice. It is also an excellent opportunity to 'play' at using the system with a colleague, allowing the tutor to gain confidence with their own 'performance'.

If the system is to be used with a second microphone you must now go through the same procedure using the 'Mic B' volume control.

Transmitter battery charging

The batteries in all of these transmitters will last approximately 8 hours.

It is necessary to charge batteries before first use. For the Swift TX transmitter, fit the supplied battery (see page 11) and connect to charger. The initial charge should take about 20 hours, thereafter charge overnight as required.

You will usually need to leave the unit recharging at the end of the day.

To conserve power always remember to switch the transmitter off when not in use. If a second transmitter is only occasionally used it will need charging less often!

To charge a transmitter:

1. Switch off the transmitter and then plug in the charge lead.

2. Plug the charger into a mains socket and turn on the power.

   When charging the Swift TX transmitter, the red charge indicator will light. A handheld transmitter has no charging indicator.
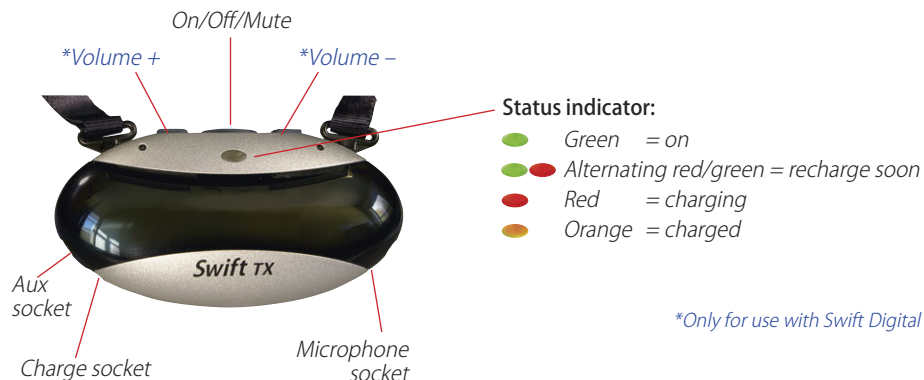
The charge time from flat for the Swift TX transmitter is 10 hours and the other transmitters 16-20 hours. It is safe to leave on charge for up to 5 days.

Please note that it may take a few charge/discharge cycles before full capacity is available.

1.3mm plug

Charger **45IRTXCHG2** for charging a Swift TX

Swift TX

2.1mm plug

Charger **45IRTXHCHG2** for charging a handheld transmitter

Swift TX pendant microphone transmitter

To turn on the Swift TX press and hold the on button until the status indicator lights. Similarly to turn off or mute the Swift TX press and hold the button until the indicator goes out.

On/Off/Mute
*Volume +
*Volume –

Status indicator:
- Green = on
- Alternating red/green = recharge soon
- Red = charging
- Orange = charged

Only for use with Swift Digital

Aux socket
Charge socket
Microphone socket

Indicator LED

The indicator LED shows green, red or orange, depending on the status or mode of the Swift TX.

In normal use:

Solid green – *the Swift TX is on and working.*

Alternating green/red – *the battery is low and the unit needs to be recharged.*

No indication – *the unit is switched off.*

When charging:

Solid red – *the Swift TX is charging normally and is turned off.*

Flashing red – *there is a problem with charging – refer to fault finding appendix D.*

Solid orange – *the Swift TX is fully charged and the charger has switched to trickle charge.*

Adjusting the neck strap

Correct positioning of a pendant transmitter is important. The Swift TX pendant should be worn so that the emitter faces forwards and the unit rests about 150mm (the length of a biro) below the mouth – this means it should sit just below your collarbone.

Both straps can be easily adjusted as required, using the sliders.

Note – replacement straps are available, please see Appendix B.
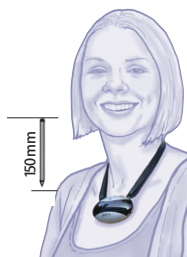
The two parts of the neck clasp may be pushed together or pulled apart either directly or by sliding.
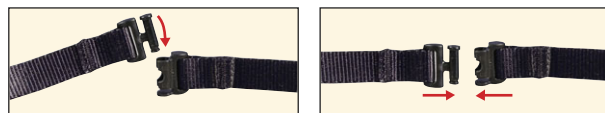
Charging a Swift TX – *see page 9*

Connecting a charger automatically turns off the Swift TX and starts charging it (red indicator).

The charge time from flat is typically 10 hours. When charged, the indicator shows orange.

1.3mm plug

Charger **45IRTXCHG2** for charging a Swift TX

Using the Swift TX on external power

Connecting a charger automatically turns off the Swift TX and starts charging it (red indicator). During charging, a press of the ON/OFF button will suspend charging and return the unit to ON (green indicator) – in this mode, although the battery needs to be fitted, the Swift TX is now powered from the charger rather than the battery.

Using external power will preserve battery life when connected to an external sound source.

Auto power-off

The Swift TX monitors the sound level and if the level drops below approx 76dB SPL for more than ten minutes, then the unit will switch off automatically to preserve the battery.

Changing the rechargeable battery

The rechargeable battery will only need changing very occasionally – it should last between 1-2 years.
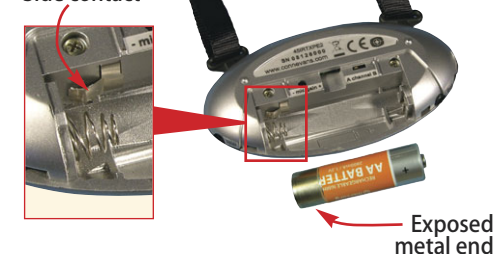
To open battery compartment, press in the centre of the battery door with both thumbs and slide off.

The battery door is treated with a clear anti-slip finish to reduce the tendency to move when worn.

Pull on ribbon tab to release battery.

Use *only* with the exposed metal end battery as supplied with the Swift TX. *Other types of battery will not charge.*

Rechargeable battery:
1 x 2800mAh high capacity rechargeable AA battery – exposed end *(MBRAAHX1).*

This battery is fitted with the exposed metal end against the spring.

Position the battery on top of the ribbon tab for easy removal next time.

Technical Note – when a battery is first inserted, the Swift TX will automatically test the battery to make sure it has enough charge.

The indicator will show orange for 5 secs while it is testing, followed by green or red for 1 sec:

Green – *the battery has enough charge.*   **Red** – *the battery needs to be recharged.*

A flickering indicator or no indicator – the battery has no charge and needs to be recharged or replaced.

Side contact

Exposed metal end

Dual directional microphones

The Swift TX uses two separated microphones (Left and Right) to provide a constant transmitted voice level as the user's head is turned from side to side.

The optimised dual microphone design also provides ideal pick up of the user's voice and rejects unwanted sounds in all other directions.

This means that you don't get a variation of volume as the speaker moves their head from side to side.

Microphone   Microphone

Hyper wide microphone coverage

Microphone gain setting

The Swift TX microphone gain control is factory set and will not need adjusting.

Remote volume control feature – for use with Swift Digital

When used with a Swift Digital speaker amplifier, the Swift TX can be used to remotely adjust the channel volume.

The blue LED in the front panel of the Swift Digital receiver/amplifier flashes rapidly when receiving a valid remote control signal from the Swift TX.

The range of remote volume adjust is +/- 15dB and allows the user to temporarily adjust the volume of their voice from the Swift Digital.

A short press of the + or - button on the top of the transmitter will increase or decrease the current volume by 1.5dB.

Holding down the + or - button will change the volume at the rate of 6dB per second.

To reset the volume to the default manual setting on the Swift Digital unit, press both the + and - buttons simultaneously.

The Swift Digital volume will reset itself to the manual setting when the Swift Digital speaker amplifier is in standby or turned off.

Volume up

Volume down

Volume reset

SWIFT DIGITAL   *Note – the remote volume control function will only work with the IR Swift+ and new Swift Digital models.*   IR SWIFT +

Channel change

The Swift Digital unit has two mic receiving channels A & B. The Swift TX A/B channel change switch is in the battery compartment.

Pendant, beltpack or handheld transmitters can be used on either channel.

The Swift TX is normally used on channel A. However it can be easily changed to channel B as follows:

Open the battery compartment.

Inside, just above the battery, you will be able to see a small switch labelled 'A channel B'.
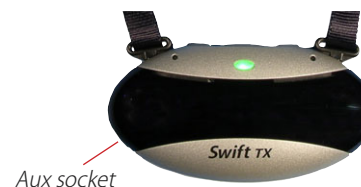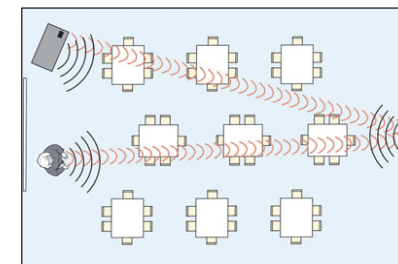
Use the end of a paperclip or a small screwdriver to slide the channel switch.

Always replace the battery compartment cover afterwards.

Connecting to external sound sources

The Swift TX transmitter has a 3.5mm stereo auxiliary input socket to rebroadcast sound from external sources such as laptops or iPods.

Aux socket

3.5mm plug to plug lead
MXA117A

3.5mm plug to phono plug pair lead
MXA121B

Handheld microphone transmitter

IR emitter

IR emitter

On/off (mute) switch

Power status:
green light = good
red light = recharge now
no light = dead batteries

Holding the microphone transmitter

It is important to hold the microphone in the middle so that the emitters are not being covered by your hand.

Emitter windows
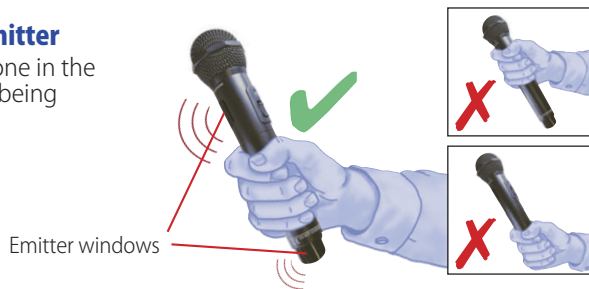
Charging the handheld transmitter

Depending on use, the handheld mic may only need charging every 1-2 weeks (approx. 8 hours use).

Remember to switch off the handheld mic before charging.

Use the external charger **45IRTXHCHG2** plugged into a mains socket. Charge time is 16-20 hours from flat (i.e. overnight), please disconnect charger after 20 hours – no automatic charge cycle.

2.1mm plug

Charge socket

Changing the rechargeable battery

The rechargeable battery will only need replacing very occasionally – depending on use, it will last between 1-2 years.

To open the battery compartment, unscrew the metal sleeve below the switch and slide the cover off.

Pull out the old batteries. Replace with two new rechargeable batteries, taking care to place the **battery with the exposed end in the side with the spring at the mic head end** and the contacts beside the spring. This is essential for correct charging.

Screw cover back on.

Right battery – exposed end
This battery is fitted with the exposed metal end against the spring and the side contact.

High capacity rechargeable AA battery – exposed end (MBRAAHX1E).

Left battery
High capacity rechargeable AA battery (MBRAAHX4 – pack of 4).

Side contact

Exposed metal end
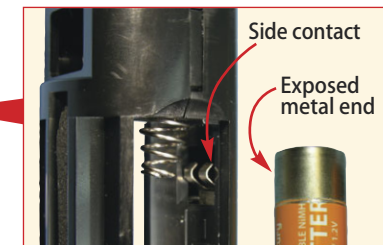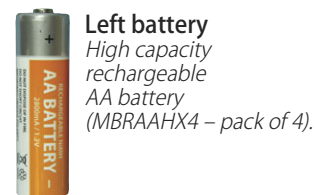
Channel change

Most users will never need to change the channel of the handheld microphone. If one Swift TX and one handheld mic are being used, there will be no need to change channels.

More than one pendant or handheld microphone transmitter can be used on either channel for team teaching as long as only one is switched on at any one time.

To use two of the same type of microphone simultaneously, then one will need to have its channel changed.

The handheld transmitter is normally used on channel B. However, if required, it can be changed to channel A as follows:

Remove the cover of the microphone and the switches will be easy to see just above the battery compartment.

Use a paperclip or a small screwdriver to slide the channel switch between channel A and channel B as required.

Please note that the label fitted to the outside of the battery compartment indicates the switch positions as 'CH1' (= Channel A) and 'CH2' (= Channel B).

The left hand switch should always be left on 'Hi'.

Hi   CH1
Lo   CH2
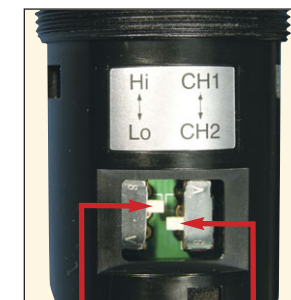
Hi   CH2 (B)
Default setting:

Classroom soundfield – SwiftConnect

With a Swift Digital soundfield and SwiftConnect from Connevans we can connect your entire classroom.
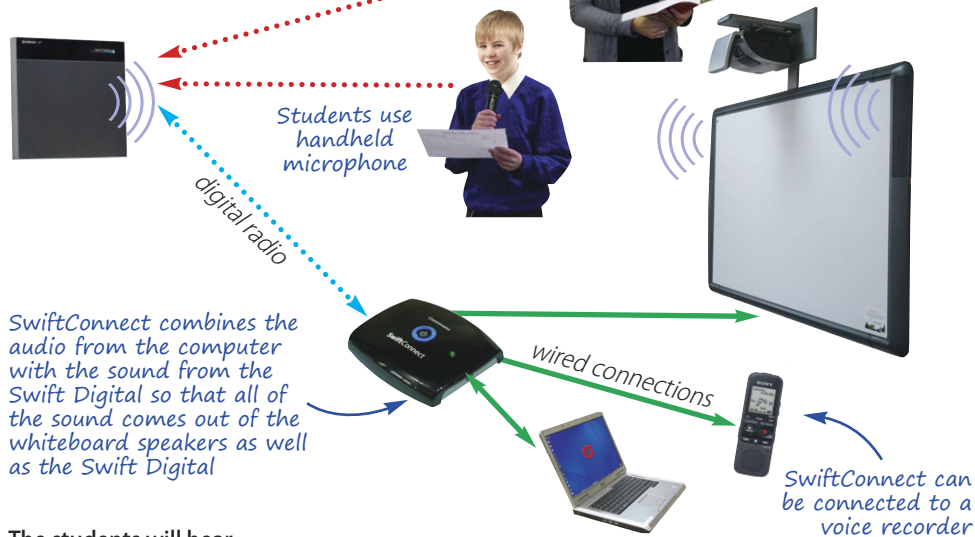
The Connevans SwiftConnect allows easy wireless connection of a Swift Digital at the back of the classroom to your computer and interactive whiteboard at the front ... and you can incorporate the whiteboard speakers to enhance the overall 'field of sound'.

The SwiftConnect is plug-and-play and will even turn itself on automatically – you can't get simpler than that!

A fully connected classroom

Swift Digital is installed at the back of the classroom

digital infrared

Teacher wears SwiftTX microphone

Students use handheld microphone

digital radio

SwiftConnect combines the audio from the computer with the sound from the Swift Digital so that all of the sound comes out of the whiteboard speakers as well as the Swift Digital

wired connections

SwiftConnect can be connected to a voice recorder

The students will hear...
- the voice of the teacher clearly through the Swift Digital *and* any whiteboard speakers
- the sound from the teacher's computer or iPod through the Swift Digital *and* any whiteboard speakers

  plus... there is the option to...
- **record the combined sound from the lesson on a voice recorder** – great for absent pupils, hearing impaired students who might want to take notes later, or for sharing best practice with colleagues

Input & output connections

Micro USB power

REAR OF UNIT

Power

Audio Input 1

Input 1 audio present

Audio Input 2

Input 2 audio present

www.connevans.co.uk

Serial No:

Part No: 45SWCON
2.4GHz Digital Audio Transceiver
Frequency 2.400-2.485GHz
Rated input 5VDC 150mA

Audio Input 1

Input 1

Audio Input 2

Input 2

From Computer

From iPod

In 1

Return

In 2

Out 1   USB   Out 2

Twiddling stick to adjust volume levels

REAR OF UNIT

Audio Out 1

Micro USB power

Audio Out 2

Power

The SwiftConnect can either be powered from the supplied USB mains power supply or from a USB output on a computer. *Please note that non low earth leakage USB power supplies may cause a hum.*

When USB power is applied the SwiftConnect will turn itself on, alternatively when you start using a paired Swift Digital the SwiftConnect will also turn on within 10 secs.

The SwiftConnect automatically enters a low power standby mode 2 hours after it was last used but will turn itself on again when sound is detected.

Pairing – if the SwiftConnect has not been used with the Swift Digital previously, please see bottom of page 21.

The SwiftConnect can be used in several different ways – the following pages show you 4 typical scenarios

Scenario 1 – playing sound from computer/ iPod etc from a Swift Digital

This scenario shows the SwiftConnect connected to a laptop and iPod to play their sound from the Swift Digital at the back of the classroom.

Micro USB power

Input

Input

From iPod

From laptop

Digital radio to Swift Digital
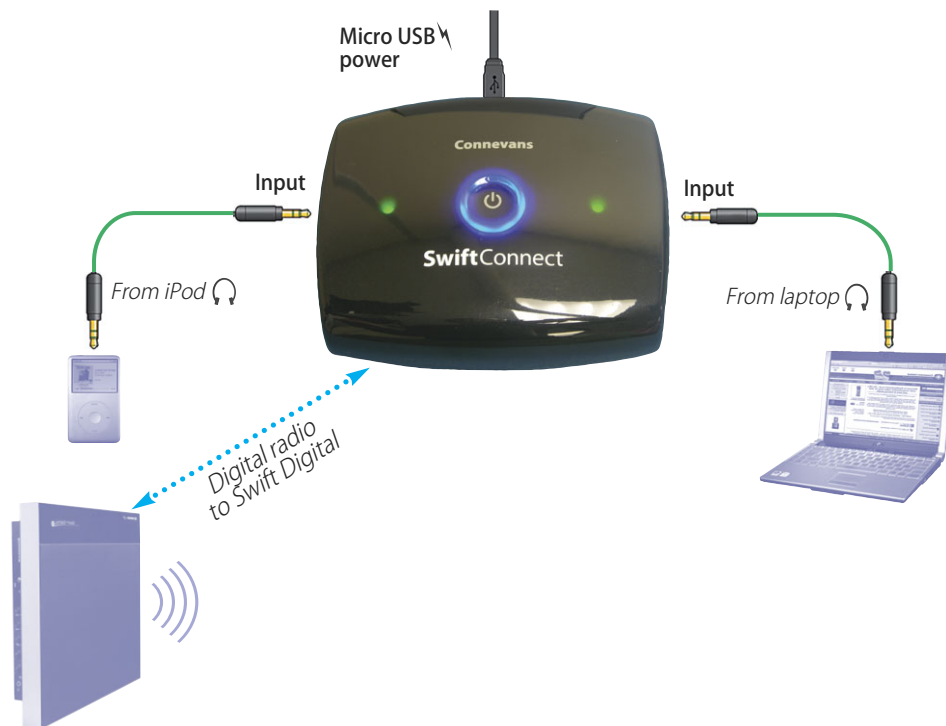
Scenario 2 – playing sound from computer/ iPod etc from a Swift Digital and from interactive whiteboard and its speakers

Here the SwiftConnect is connected to a laptop and iPod, as in scenario 1, *plus* we show how to connect into an interactive whiteboard so that all the soundfield sound is heard from all the speakers.

Micro USB power

Audio out to existing whiteboard speaker system input

Out

Input

Input

From iPod

Digital radio to Swift Digital

USB interactive connection

Video from laptop

PC audio out

DVD/CD/AUX
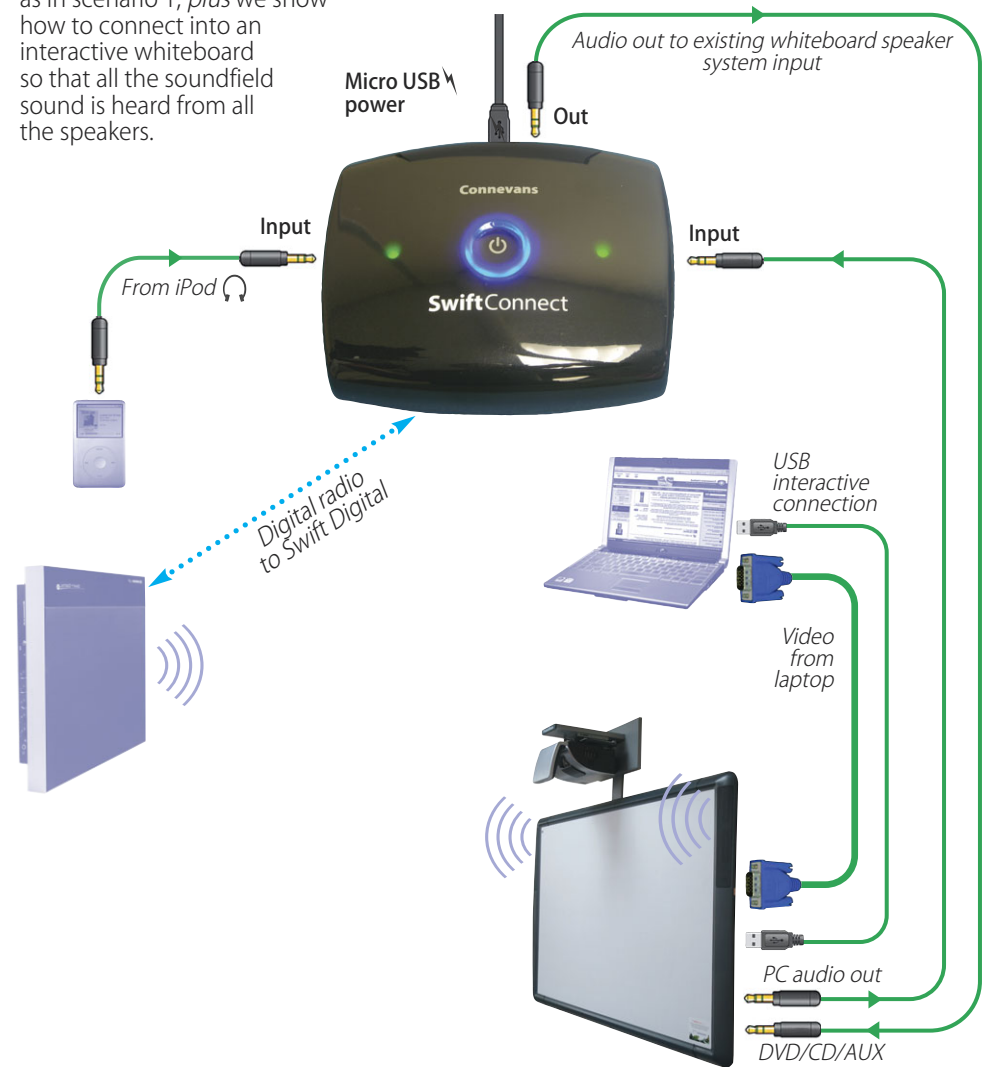
In this scenario we are assuming that when the USB lead is connected to your computer to enable the interactive features, the audio is also 'hijacked' and no longer is fed to the headphone socket – hence the need to use the PC audio out from the interactive whiteboard.

Scenario 3 – playing sound from computer/ iPod etc from a Swift Digital and from existing speakers beside a screen

The SwiftConnect is connected to a laptop and iPod, as in scenario 1, with the addition of a lead to show how to connect into an existing projector & screen sound system, so that all the soundfield sound is heard from all the speakers.

Micro USB power

Audio out to speaker amplifier

Out

Input

Input

From iPod

From laptop

Digital radio to Swift Digital

Video from laptop

Speaker

Speaker

Amp
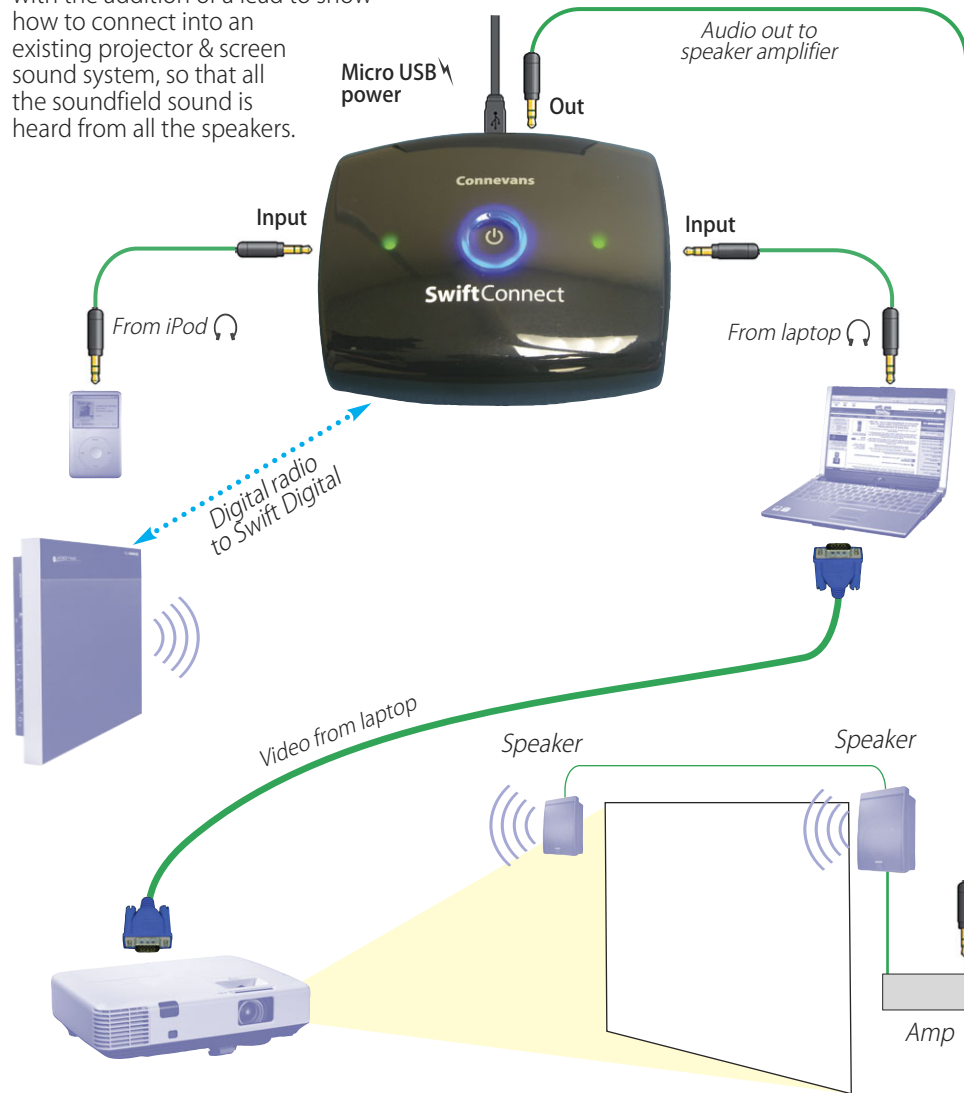
If you have a hum or buzz when connecting your computer to your projector & screen sound system, you need to use an isolating transformer (pt no 45GLTXPS) in line with the screen sound system audio input.

Scenario 4 – recording your lesson on a voice recorder

The sound from the Swift Digital – including all connected sound sources – can be recorded on a voice recorder with an AUX level input.

Out

Micro USB power

Aux
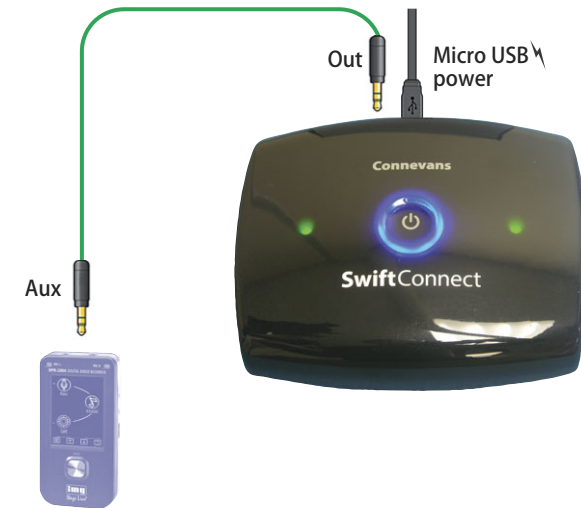
FIRST USE

The first time you use a SwiftConnect with a Swift Digital it is necessary to pair them.

1 Connect the micro USB power lead to the rear of the SwiftConnect and turn on the power – the centre blue light will flash.

2 Power up the Swift Digital and turn on the Swift TX microphone – the blue front power light should be steady on showing that it is awake.

3 Press and immediately release the pairing button on the side of the Swift Digital – the green light will flash (you now have 1 minute to complete the next step).

4 Touch and hold the centre button on the SwiftConnect until the blue light stops flashing.

Once paired the two will remain paired – being switched on/off does not affect the paired status.

Optional external sensor

An external infra red pick up sensor to improve transmitter reception can be fitted to your Swift Digital amplifier/speaker.

Two alternative sensor types are available, a wall or ceiling sensor, as is an IR Swift sensor wiring pack.

External sensor input

45IRSW *45IRSDZ*
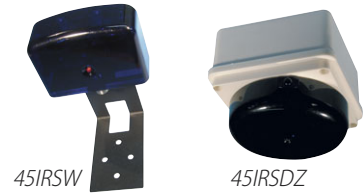
Swift Digital sensor wiring pack
c/w cable, 2 plugs & 2 plug cover boots *(XRG6IRC)*
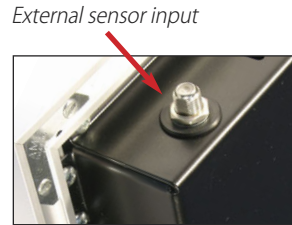
Extension speaker

A compatible 8 ohm extension speaker or ceiling speaker can be connected to the socket which is on the bottom of the Swift Digital unit.

Output to external equipment
eg. rebroadcasting via an fm radio aid for hearing aid users

The Swift Digital has an Aux Output phono socket. Hearing aid users with an fm radio aid will benefit from connecting their transmitter directly to the Swift Digital unit.

The rebroadcast sound includes the sound from all active Swift Digital inputs – teacher, multimedia etc.

Pack 45SIBKFMGB for connection to:
Connevans fmGenie transmitter, Phonak SmartLink & SmartLink+, ZoomLink & ZoomLink+ or EasyLink & EasyLink+

Pack 45SIBKINS for connection to:
Phonak inspiro or Roger Pen transmitter

45SIBKFMGB

Pack 45SIBK220B for connection to:
Connevans CRM 220 transmitter

There is an aux out volume adjust – set as shown for any of the above leads.

This connection may also be used to record the output of the Swift Digital.

Aux Out adjust

Aux Out socket – phono

Aux Out adjust

SwiftConnect technical info   Appendix A

SwiftConnect LED modes		
Central blue LED ring		**Mode**
○	Off	SwiftConnect unpowered
○ ○ ○	0.4 second flash every 10 seconds	SwiftConnect active and searching for Swift Digital unit
○	Solid blue	On and connected to Swift Digital unit
○ ○ ○ ○ ○ ○ ○	One short flash every second	SwiftConnect on but "alone" (Swift Digital unit not on or unpaired)
○○ ○○ ○○ ○○ ○○	Two short flashes every second	Pairing mode (max duration 60 seconds)
Green LED's		**Mode**
●	Responsive	Lights up when sound is detected on the appropriate input

SwiftConnect on/off

When USB power is applied the SwiftConnect will turn on. Touching the centre button for less than 0.5 seconds will switch between on and standby (off). However if the paired Swift Digital is on, then the SwiftConnect will switch itself back on automatically within 10 secs.

The SwiftConnect wakes up briefly once every 10 seconds to check whether the paired Swift Digital has been switched on.

The SwiftConnect automatically enters the low power standby mode 2 hours after last use.

SwiftConnect input and return volume control setting

This procedure assumes that the computer audio is sent to the interactive whiteboard audio system from the 3.5mm stereo headphone socket.

If the computer audio is sent digitally to the interactive whiteboard (e.g. via USB) then see 'interactive whiteboard' digital audio' below.

Initially, leave the computer connected to the interactive whiteboard audio system without the SwiftConnect connected and set the computer volume at about half. Play the audio/video material and adjust the interactive whiteboard speaker volume control to give the required volume.

Remove the interactive whiteboard audio cable from the computer headphone socket and replug into either of the SwiftConnect outputs. Then, connect a 3.5mm lead between the computer headphones output and either of the SwiftConnect inputs.

The interactive whiteboard audio should sound again as it did before.

If the sound levels from the Swift Digital and the interactive whiteboard speakers are significantly different, then adjust the volume control on the interactive whiteboard to make them the same.

Assuming that the microphone volume controls on the Swift Digital (and AUX IN, if used) are set to normal operational levels, then all sound 'returned' from the Swift Digital speaker should also come out of the interactive whiteboard speakers.

The default 'return' volume setting on the SwiftConnect unit will intentionally give a slightly lower acoustic output from the interactive whiteboard speakers than from the Swift Digital speaker. This is to minimise the chance of acoustic feedback when the microphone user is near to the interactive whiteboard speakers. The 'return' volume level can be adjusted on the SwiftConnect, if necessary.

The other SwiftConnect input channel may be used for another audio device such as an MP3 player. Such portable audio devices usually have low output so it may be necessary to turn the audio device output up. Connect the headphone output from the audio device to the spare SwiftConnect input.

Play the audio device and adjust the audio device output volume and/or the respective SwiftConnect input channel volume control in order to achieve the required sound level (this affects the Swift Digital and interactive whiteboard volumes equally).

Interactive whiteboard digital audio
If the audio connection to the smart board is digital only, then the computer audio is (usually) not available from the computer headphones socket. In this situation we need to connect the SwiftConnect input to the PC audio output from the interactive whiteboard and adjust the interactive whiteboard and/or appropriate SwiftConnect input volume control – see scenario 2 page 19.

The second SwiftConnect output
The two SwiftConnect outputs have identical sound and may be used to feed any other audio system, typically a recording device.

There are no recording time limits imposed by the Swift Digital/SwiftConnect system. The choice of recording device determines the available recording time.

Radio aid users
It is recommended that radio aids are connected to the AUX output of the Swift Digital. This output has a more appropriate mix ratio of microphone to computer/audio player sound than the SwiftConnect output.

The Swift Digital AUX output can also provide microphone voice priority over computer/audio player sound which gives better intelligibility for hearing aid users.

Replacing the neck strap Appendix B

Spare/replacement neckstraps are available for the Swift TX pendant transmitter.

To remove the neck strap:

1. On one side of the strap, lie the plastic slider down on a flat surface, arrow side down.

2. Take a paperclip and slide it along the strap, in under the plastic. Wiggle it so that you can slide it all the way in, gradually releasing the 'door' on the plastic fastener.

3. The 'door' will open, releasing the strap.

4. Remove the strap from the plastic fastener and unthread it from the loops on the top of the Swift TX.

5. Repeat for the other side of the neck strap!

To refit the neck strap:

1. Thread one side of the strap through the loops on the Swift TX transmitter.

2. Open the 'door' in the plastic fastener as per instructions above.

3. Place the end of the neck strap into the fastener and close the 'door', making sure it clicks shut.

4. Repeat for the other side of the neck strap!

Note – replacement straps are available from **www.DeafEquipment.co.uk**
45IRTXSTRAP   Replacement strap   45IRTXCLIP   Replacement clip

Swift Digital Power Management Appendix C

When mains power is first applied, the unit will enter the low power standby mode, indicated by a slowly flashing front blue indicator.

When an infra red transmitter is switched on within line of sight of the Swift Digital, or audio is applied to the auxiliary input, the unit will wake up within 3 seconds and begin normal operation, indicated by a solid blue indicator.

Power on indicator

The unit will remain powered for 2 hours after the last infra red or audio activity, then will return to the standby mode.

The blue indicator will flash rapidly when the unit is receiving a valid remote volume control signal.

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Notes

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Swift Digital Soundfield user & installation guide