

Connevans Portable Loop System

The 40ILD100P Portable Loop System is a portable loop system designed to provide an induction loop facility in rooms or areas up to a maximum size of 8m x 8m.

The system is supplied in an attractive carrying case with two table top boundary layer microphones and SCART TV connection lead. Alternative microphone options are available together with the possibility of connection to or input from a sound re-inforcement system.

Various lengths of loop cable (2 x 10m and 3 x 4m) are supplied in the kit, these should be joined together to go around the perimeter of the room concerned, with sufficient 'left over' to connect to the Loop Amplifier.



PORTABLE LOOP AMPLIFIER – 40ILD100P: Contents of carrying case



1 x **ILD100 Constant Current Loop Amplifier** with 'flying leads' fitted to the Loop Output sockets
Part no. 40ILD100



2 x **10m length of loop wire**
Part no. A0ILLD10M



1 x **Mains Power Lead** for the ILD100



3 x **4m length of loop wire**
Part no. A0ILLD4M



1 x **Connecting lead – SCART to two phono plugs**
*Part no. *T113Q**



2 x **Boundary Layer Microphone**
Part no. 40IM05



1 x **Pouch** containing; these instructions, ILD100 handbook, loop signs, case key, one volume adjustment tool



1 x **Reel of adhesive 'gaffa' tape**
*Part no. *L099SD*



2 x **3m microphone extension lead**
*Part no. *A121A**

We always advise checking the contents of the case when the kit is returned from use. This will give you a chance to check the equipment condition and re-order spares.

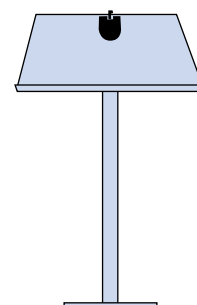
Setting up an 40ILD100P portable loop system

- 1 Decide where you are going to put the loop amplifier** – within reach of the microphones, accessible for adjustment and near to a power socket - some people have an 13A extension lead to go with the kit. Many people choose to simply place the loop amplifier on the floor in the corner.
- 2 Estimate the perimeter of the area to be looped and determine which lengths of loop wire you need to plug together to go around the room** – ideally use just enough to go round the area with enough left over to connect to the amplifier.
- 3 Fit the loop wire around the room using 'gaffa' tape as necessary to avoid creating trip hazards.** Any surplus loop wire should be left zigzagged loose out of the way – but NOT coiled up tight – however neat it might look !

- 4 Place both microphones on a hard flat surface** – such as a table, at least 1m apart. The boundary layer microphones supplied in the kit use the surface that they are placed on to collect sound and are ideal for picking up discussion around a table.



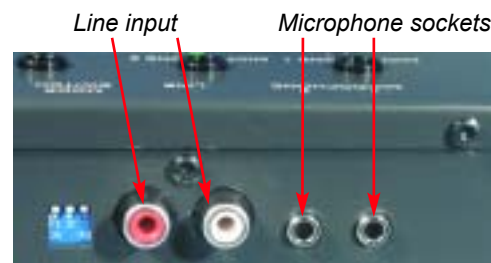
Two microphones on a table



Single microphone on a lectern

A single microphone can be used on a lectern.

- 5 Plug the microphones in to the microphone sockets** If necessary, use the 3 metre microphone extension leads included in the portable loop kit. Beware of creating trip hazards, cover or tape the lead to the floor.



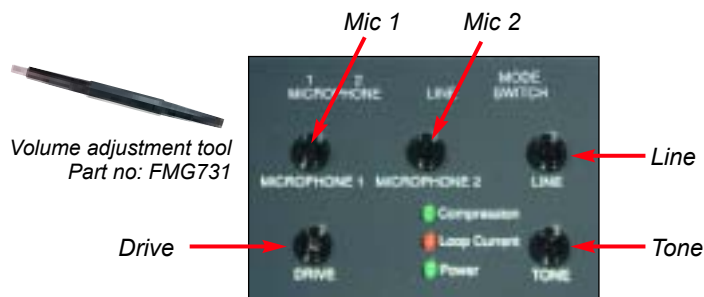
- 6 Connect the free ends of the loop wire** to the two 'flying leads' that are already connected to the output at the front of the Loop Amplifier - marked 'LOOP'.
- 7 Connect the 40ILD100 Loop Amplifier power lead** to the socket at the front of the unit marked 'POWER' and plug into the mains.
- 8 Switch on.** The GREEN power LED should light.



Controls

There are 5 adjustment controls on an ILD100:

- Microphone 1** – initially set to minimum
- Microphone 2** – initially set to minimum
- Line i/p** – initially set to minimum
- Drive o/p** – initially set fully clockwise for loops of 5m x 5m or larger.
- Tone** – initially set to mid position



Microphone 1 & 2: The microphone gain/sensitivity controls will need to be adjusted for each location or venue. See the paragraph below 'Setting the GAIN for each microphone'.

Line: The Line i/p only requires to be turned up if the loop amplifier is to be used with an input from a TV or similar.

Tone: The TONE control should rarely need to be adjusted but can help with clarity and soften the effect of room acoustics. Initially set to mid position, adjustment is simply a matter of subjective preference of users.

Drive: Set the DRIVE control on the Amplifier to maximum (turned fully clockwise) for loops of 5m x 5m or larger. For smaller Loops the DRIVE will need to be reduced.

To check the listening level use a loop listener - with the volume set as usual – or ask a hearing aid user to listen and set the DRIVE level to their comfort level – see FAQ notes below.

Setting the GAIN for each Microphone:

1. Un-plug the microphone in socket 2.
2. From approximately 1m away from Microphone 1 get somebody to speak in a normal voice. Adjust the GAIN control for Microphone 1 clockwise until the GREEN compression light on the amplifier starts flashing.
Then, continuing to talk, reduce the GAIN control (anticlockwise) until the compression light just stops flashing.
HINT – For convenience, and especially if you are setting up on your own, use a portable radio or cassette player to provide a continuous source of audio input
3. Disconnect Microphone 1, and plug in Microphone 2.
4. Repeat the above procedure to set the GAIN for Microphone 2
5. Reconnect Microphone 1.

Carry out a subjective listening test after setting up your portable loop.

This should be done either with the help of a hearing aid user or by using a listening device such as a Loop Receiver Tester (Connevans Part no: 40ILRKIT).

a) Using a loop listener.

Walk around the looped area, using the loop tester listening device, and check that you can hear that the system is operating satisfactorily.

b) Working with a hearing aid user.

- 1 Check that the hearing aid actually has a 'T' pickup and confirm with the user that they normally find that their hearing aid works well on 'T'.
- 2 Stand at arm's length from them and ask them to listen to your voice and remember how it sounds.
- 3 Then ask them to turn their hearing aid to 'T' and then to walk around the looped area. With the loop turned on, talk into the microphone(s) as you are planning to use them.
- 4 Your voice through the loop system should sound similar to how you sounded at arm's length without the loop. Adjust the loop drive/volume/compression as necessary. As a rule, slightly louder is better than quieter.



Technical notes

- You do not have to loop the whole room, many people choose just to loop a seating area – taking care to tape the loop wire down between rows.
- On the rear of the ILD100 there are 3 small switches labelled MODE SWITCH. These switches activate voice-controlled microphone switching, a feature not required when used as a portable loop amplifier, all three should be set to OFF (upwards).
- For optimum performance the loop wire should not be fitted at head height, it works better when laid at a low level.

FAQ's

"Can I connect the ILD100 loop amplifier to a TV?"

Yes, the ILD100 has a pair of line input phono sockets which can be used with the supplied phono to SCART lead to connect to a TV/VIDEO SCART output.

"Some of our group have trouble hearing but do not have hearing aids, any suggestions?"

Yes, let them use a loop listener – the same as usually used for testing a portable loop.

"Can I add more loop cable?"

No, the ILD100 will provide a good level over the specified 8m x 8m area.
A larger area requires a larger amplifier – call Connevens Customer Services to discuss your requirements.

"Can the phono line inputs be used to connect to a hi-fi or other PA amplifier system?"

Yes.

"Can I have a radio microphone to use with the system?"

Yes, contact Connevens customer services.



Using a portable loop with a sound re-inforcement system

When used for presentations rather than 'round table discussions' the portable loop system can be used with a sound re-inforcement system – which also has the useful added facility of including a radio microphone in the system. Contact Connevens customer services for more details.

www.connevens.com and www.DeafEquipment.co.uk

www.connevens.com – the information website for Connevens includes full online catalogue, downloadable info & instruction sheets

(Adobe Acrobat 7 or later is required to fully use this website)

www.DeafEquipment.co.uk – the e-commerce website for Connevens has all our products available for purchase online.



If you would like to be kept updated with occasional notifications of new products and other news you can join our mailing list at **www.connevens.com**

