



SENNIS

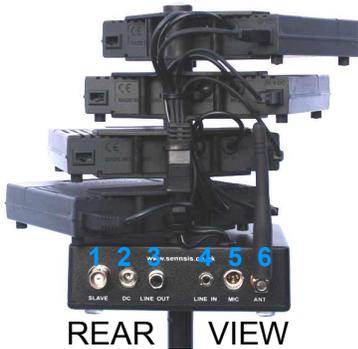
PORTABLE INFRARED HEARING LOOP SYSTEMS



Sennsis offer a complete range of DDA compliant portable infrared hearing loop systems

Portable infrared hearing systems are a cost effective and easy to use alternative to perimeter induction loop systems. They have the advantage of no trailing wires around the area to be covered and can be set up in minutes. They are ideal for meetings of a confidential nature as the infrared light cannot penetrate the walls of the room.

Each system comprises a boundary microphone, an infrared radiator, infrared receivers and our unique preamplifier (shown below). The preamplifier has all the connections that are ever likely to be needed and includes an (optional) integrated radio microphone receiver.



The preamplifier has the following facilities:

- 1 Slave output for connecting a "Booster" extension radiator
- 2 DC input for connecting power supply unit
- 3 Line output for connecting to the input of an external device e.g. digital recorder
- 4 Line input for connecting to the output of an external device e.g. sound system
- 5 Microphone input
- 6 Radio microphone receiver (optional)

The microphone inputs into the system are:

Boundary microphone This sensitive microphone plugs directly into the preamplifier and is ideal for picking up the proceedings of a meeting around a table.

Radio microphone (optional)

Radio microphones are available in two types– a lapel microphone or a handheld microphone. Both microphones are wireless allowing the main speaker the freedom to move around the room without any trailing wires.

The microphone signals are then transmitted by the radiators around the room in the form of infrared (invisible) light. As this light cannot penetrate walls this provides complete confidentiality*.

*System is only secure when used with either the boundary or digital radio microphone option

Receivers

Receivers are used to convert the infrared light signal to audio. They are available in two types:

Inductive neck loop (left) This receiver provides a personal induction loop system to assist hearing aid wearers with the "T" telecoil function and is worn around the neck.

Stethoset (right) This receiver can be used by non-hearing aid wearers and is worn on the ears.

Both types of receiver are lightweight and easy to use. The wearer simply adjusts the volume to suit themselves using the ergonomic volume control on the front. Both receiver types use rechargeable batteries and are charged in 20 way charging units.



The storage case

The system is stored in a protective case with retractable handle and wheels (to enable it to be towed like a suitcase). The case can hold a complete 20 receiver system and yet weighs under 12 KG!



Systems are built to suit each client's specific requirements. Basic system includes:

1 x SENNSIS infrared system, power supply unit, telescopic table stand and boundary microphone.

For more information about SENNSIS portable infrared systems
or for a demonstration please contact us.

Technical data



Model	P-80	P-160	P-240	P-320	P-400
Description	Portable Infrared system with preamplifier mounted on table stand with boundary microphone. Preamplifier features: Microphone input (with phantom power), Line input, Line output, Slave output (for use with P-400S and P-800S) and optional radio microphone receiver				
Modulation	FM				
Nominal deviation	+/- 50 kHz				
Carrier frequency	2,3 MHz				
Output impedance	50 Ohm				
IR diodes	11	22	33	44	72
Max. coverage area	80 m ²	160 m ²	240 m ²	360 m ²	400 m ²
Effective radiated power	0.5 W	1 W	1.5W	2 W	2 W
Operating voltage	24 V DC	24 V DC	24 V DC	24 V DC	29 V DC
Weight	4KG	4.1KG	4.2KG	4.3KG	4.4KG

Receiver charger	
Capacity	10 Receivers + 10 Batteries
Charging time	Approx. 3hrs
Weight	Approx 675g

Neck loop/Stethoset receiver	
Battery life	Approx 12hrs
Weight	Approx. 70g

Options/Accessories

UHF Radio microphone system		
Integrated radio microphone receiver module	Channels	16 Licence free (within EU) with pilot tone
	Range	Up to 25m
Radio microphone transmitters- Handheld and Lapel microphone	RF output	12mW
	Channels	16 Licence free (within EU)
	Mute	Yes
	Illuminating LCD	Yes
	Operating time	Up to 24hrs with Alkaline batteries

Storage case	A protective storage case with retractable handle and wheels to enable it to be towed like a suitcase (case will either hold the system with radio microphone, 20 receivers and 20 way charger, or 60 receivers)
Floor stand	Lightweight adjustable floor stand for the system
P-400S	Slave infrared "Booster" radiator (to increase coverage of system by an additional 400m ²) with aluminium floor stand
P-800S	Slave infrared "Booster" radiator (to increase coverage of system by an additional 800m ²) with aluminium floor stand