

# SENNIS

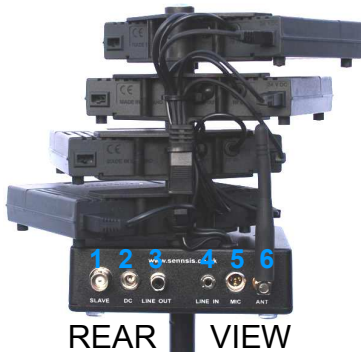
## PORTABLE INFRARED INTERPRETATION SYSTEMS



**Sennsis offer a complete range of portable infrared simultaneous interpretation systems and products**

Due to each system's lightweight, compact design and ease of use they are ideal for interpreters that require a portable system that can be set up in minutes.

Each system comprises an interpreter's 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 main input into the system is a lightweight headband "whisper" microphone that plugs directly into the preamplifier, or an optional radio beltback transmitter allowing the interpreter the freedom to move. No longer does the interpreter need to sit conspicuously at the front of the room! A radio handheld microphone and digital radio system are also available. All microphones have a mute "cough" switch.

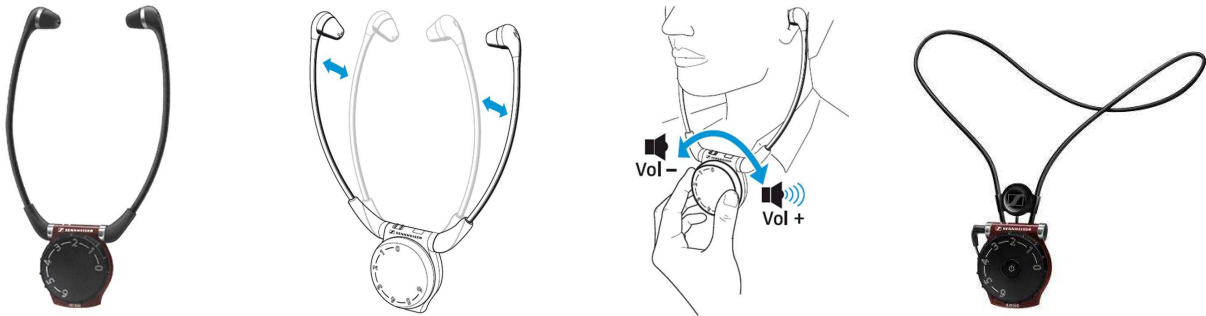
The interpreter's voice is then transmitted by the radiator around the room in the form of infrared (invisible) light. As this light cannot penetrate walls this can provide complete confidentiality\*.

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

## Receivers

Receivers are used by the delegates to convert the infrared light signal to audio. They are available in two types- a stethoset with earpieces (shown below-left) and a bodypack with socket for use with either headphones or an inductive neck loop (to assist hearing aid wearers, shown-right). Both use rechargeable batteries and are charged in 20 way charging units.

The lightweight receivers are easy to use. They automatically switch ON when placed on the ears (and switch OFF when removed to preserve battery life). The delegate then adjusts the volume to suit themselves using the ergonomic dial on the front. With a battery life of up to 12 hours they will easily last even the longest event!



## 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, table stand, lightweight "whisper" microphone and mute switch.

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
<b>Description</b>	Portable Infrared system with preamplifier mounted on table stand with "Whisper" headband 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				
<b>Modulation</b>	FM				
<b>Nominal deviation</b>	+/- 50 kHz				
<b>Carrier frequency</b>	2,3 MHz				
<b>Output impedance</b>	50 Ohm				
<b>IR diodes</b>	11	22	33	44	72
<b>Max. coverage area</b>	80 m <sup>2</sup>	160 m <sup>2</sup>	240 m <sup>2</sup>	360 m <sup>2</sup>	400 m <sup>2</sup>
<b>Effective radiated power</b>	0.5 W	1 W	1.5W	2 W	2 W
<b>Operating voltage</b>	24 V DC	24 V DC	24 V DC	24 V DC	29 V DC
<b>Weight</b>	4KG	4.1KG	4.2KG	4.3KG	4.4KG

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

Stethoset/Bodypack receiver	
<b>Battery life</b>	Approx 12hrs
<b>Weight</b>	Approx. 70g

## Options/Accessories

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

<b>Storage case</b>	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)
<b>Floor stand</b>	Lightweight adjustable floor stand for the system
<b>P-400S</b>	Slave infrared "Booster" radiator (to increase coverage of system by an additional 400m <sup>2</sup> ) with aluminium floor stand
<b>P-800S</b>	Slave infrared "Booster" radiator (to increase coverage of system by an additional 800m <sup>2</sup> ) with aluminium floor stand