

## USED IN THE JURY DELIBERATION OR SMALL MEETING ROOMS



### Infrared Portable Assisted Listening System (IR PALS) Kit

The Americans with Disabilities Act (ADA) requires public facilities to provide equal access to people with disabilities, including those who are hard-of-hearing. Portable, all-in-one ADA compliance kits from Williams Sound are a convenient and economical solution for satisfying these requirements.

The *Williams Sound IR PALS KIT* provides everything you need to accommodate individuals for hearing accessibility and/or language interpretation in a small group setting. This portable, easy-to-use infrared system is ideal for secure applications. It operates at 2.3MHz/2.8MHz, at a range of up to 30 feet. This is Channels 1 and 2 on the provided black Infrared Receivers (WIR RX22-4).

#### The William Sound IR-PALS Kit Includes:

- A) **Small Area IR System** (WIR-250) which includes a *TV Talker Neckloop Receiver* (WIR RX250), a *Transmitter/Battery Charger Unit* (WIR TX-250) with Power Supply, (2) *Rechargeable batteries* (BAT AP07D) and a 1m (Red/White) RCA Audio cable
- B) **Neckloop Telecoil Coupler** (NKL 001)
- C) **13' Microphone Extension Cable** (WCA 007 WC)
- D) **Conference microphone** (MIC 049), for use in large conference settings
- E) ~~**Dual Bay Rechargeable AA Battery System** (BAT KT6) which includes a *Dual Bay Charger* (CHG 3502) with Power Supply and (4) *Rechargeable batteries*~~  
Do not use Rechargeable batteries.
- F) 4 - **Black SoundPlus Infrared Receivers** (WIR RX22-4)
- G) **ADA Wall Plaque** (IDP 008)
- H) **Carry Hard Case w/shoulder strap** (CCS 030)
- I) 4 - **Headphone Sets** (HED 026)



**Caution:** Do **NOT** use rechargeable batteries (such as NiMH Rechargeable batteries) with the *SoundPlus IR Receiver* units. The switch setting in the receiver or transmitter battery compartment should already be set to “Alkaline” for non-rechargeable batteries.

**Note:** Remove **all** batteries from the *Infrared Receivers* and *Neckloop Receiver-TV Talker* units before returning to the *IR PALS Kit* for storage.

#### To use:

1. Remove and setup the *TV Talker Neckloop Receiver* (WIR RX250) and *Transmitter/Battery Charger Unit* (WIR TX-250). Plug the *Power Supply* into the wall receptacle and the back of the TX-250. Set so the black front of the Transmitter is pointed toward the IR Receiver wearer.  
(If a media player is to be used connect the R/W Audio cable and Y-Adapter into the player)
2. Use either the black *IR Receiver* from the courtroom or one from the *IR PALS Kit*.

**Note:** Each of the *SoundPlus IR Receivers* in the *IR PALS Kit* need to have two AA batteries installed.

## Instructions for Assistive Listening Device (ALD) System for Individual Use in Courtrooms and Small Meeting Areas

When a person with a hearing impairment approaches requesting an Assistive Listening Device (ALD), begin with the question: "**Do you use a hearing aid?**"

1. If the answer is "**No**," offer that person one of the black *SoundPlus WIR RX-22 IR Receiver* and set of headphones. Show them how to plug the headphones into the IR receiver, how to turn it on, and how to adjust the volume level. Ensure the *Channel Selector* is set to **Channel 1**. The receiver hangs around the user's neck for hands free operation. If at any time the *SoundPlus IR* artwork is blocked from receiving the infrared output from the emitter on the wall, there will be a hissing sound until the signal is clear. They will likely want to test and adjust the volume to their personal liking.
2. If the answer is "**Yes**," ask that person if their hearing aid is equipped with a *Telephone Coil* which also known as a *T-Coil Inductor* or *T-Coil loop*.
  - A. If the answer is "**Yes**," or "**I don't know**" offer them the black *SoundPlus WIR RX-22* with a **T-Coil Neckloop** and:
    - a. Unplug the *headphones* and return them to the storage bag.
    - b. Plug the *T-Coil Neckloop* into the *Headphone* jack on the *SoundPlus IR Receiver*.
    - c. Show them how to turn the receiver on and to adjust the volume level.
    - d. Ensure the *Channel Selector* is set to **Channel 1**.
    - e. Turn the unit on and set the volume control to "3," or about half of full volume.
    - f. Place the loop of the *T-Coil neckloop* around the user's head like a necklace.
    - g. Turn the switch on your hearing aid to the "T" position and adjust the volume for comfortable listening.
    - h. If the sound is weak, increase the volume on the *SoundPlus IR Receiver* unit, then on your hearing aid.
  - B. If their answer is "**No**," offer them one of the black *SoundPlus WIR RX-22 IR Receiver* and a set of **headphones** and:
    - a. Unplug the *T-Coil Neckloop* and return them to the storage bag.
    - b. Plug the stereo *Headphones* into the *Headphone jack* of the *SoundPlus IR Receiver*.
    - c. Show them how to turn the receiver on and to adjust the volume level.
    - d. Ensure the *Channel Selector* is set to **Channel 1**.
    - e. If the individual expresses a preference for using their hearing aids with the headphones, turn down the volume on the *SoundPlus IR Receiver*, then position each headphone pad directly over the hearing aid.
    - f. Have the user, start to turn up the volume. If feedback occurs:
      - i. If you have not already tried the *T-Coil neckloop*, offer them to try them. Their hearing aid may have a T-Coil loop without them knowing that it does or;
      - ii. Ask the user if they would prefer to remove their hearing aid and try using just the Headphones.
      - iii. If they still prefer to use their hearing aid, position the earphone pad on the top of the jawbone, as close to the ear as possible. If feedback is experienced, inch the pad away from the ear until the feedback ceases.

The Judicial Operations staff have been trained on the use of the Assisted Listening Device (ALD) systems. They inventory and regularly check the equipment for damaged or missing parts, etc. If you experience problems, please call the Judicial Assistant for your division or the *Judicial Operations* at (847) 377-3600. If a juror needs to use the *Portable Assisted Listening System (PALS)* during jury deliberations, please call the Jury Assembly Room (847) 377-4600 or JIS Helpdesk (847) 377-3900 for further assistance.