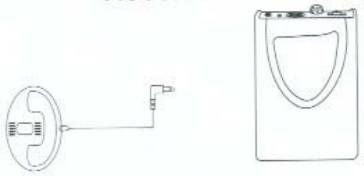
**Transmitter**

Assistant Listening Series

Translating System

Travel Guidesystem

**Receiver**



## 1. Transmitter/Receiver

It is a quality belt-pack UHF wireless receiver. It is designed to be used with a compatible UHF wireless transmitter in many applications including tour guide use, oral multi-languages translating system, audio-visual language teaching ,auditoriums ,outdoor activities , among many others.

Includes:
- Belt pack receiver.
- Clip on earphone (monaural)
- Two "AA"1.5V batteries.



The **Transmitter** is PLL Synthesized controlled to operate on one of available channels and is available in 16 pairs of operating channels (factory set). or selected Receiver 1—16 channel in one pair. Make sure one of the operating channels marked on your **Transmitter** matches the operating channel of the transmitter to be used with the **Receiver**

Operating channel frequency 600-960 (863~865) MHz

The CH 1 ~ CH16 operating channels are marked on the rear cover of the receiver and are selected by a CH 1-16 switch on the control end of the receiver.

SPECIFICATIONS

| MODEL | Transmitter/Receiver |
|---|---|
| Microphone Type | Condenser microphone |
| Oscillation Mode | PLL synthesized |
| Carrier Frequency Range | 600-960 (863~865) MHz |
| S/N Ratio | 80dB OVERALL |
| Spurious | < - 50dBc |
| Power Requirement | 1 mW |
| Bandwidth | Max 150KHz |
| Currency Consumption | 120 mA |
| Stability | < 0.005% |
| T.H.D | ESS THAN 0.5% (AT 1 Khz) |
| Frequency Response | 15 Hz - 20KHz |
| Antenna | External |
| Battery | 1.5V*2 (UM-4) |
| Weight | 60g |



## 2.Controls and Connections

**BODY PACK MICROPHONE**

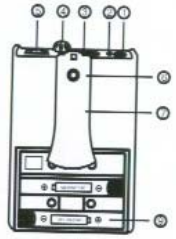
1. External antenna jack: 1/ 4 for antenna input jack.
2. Power indicator: The red light indicator will be flash once when turn it on. The red light indicator will be solid red when the batteries are almost out of power.
3. 3.5 mm ø microphone input jack for Transmitter and earphone input jack for receiver.
4. Volume Control : Adjusted by turning clockwise to the volume adjustment knob.
5. Power switch: Power on/ Power off .
6. Buckle is fixed with a screw so that is can conveniently clip on the belt comfortably.
7. Buckle : fixed on the unit. It can set revolved up to 90° by fingers.
8. Battery chamber cover: To put batteries in and take out from this chamber cover.
9. Battery compartment: 1.5V×2 . Align the negative or positive polarities properly when inserting the batteries. Remove the batteries when not been used for a long period of time to keep the batteries life longer.

Options: Headset or Lavalier microphone.

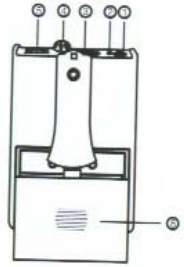
NOTE ON UNIT OPERATION:

When using lavalier,try to place capsule close to the mouth while doing,so do not turn high up the volume as it cannot achieve the best reception.

**Transmitter**



**Receiver**





### 3. Operation / Helpful Hints

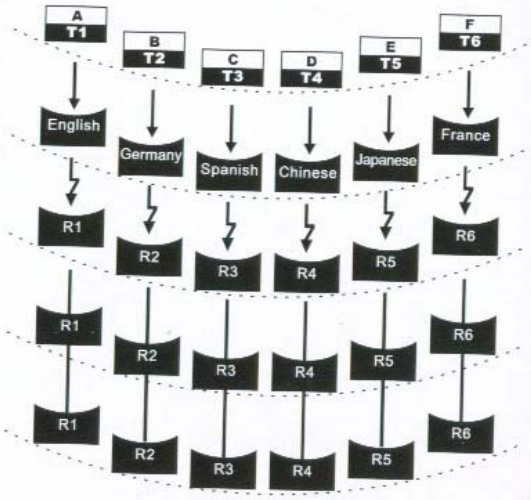
(1) A compatible transmitter must be able to transmit on the same operating channel as the **Transmitter**
Note the setting of the "CH 1-16 " switch on the **Receiver** as required.

(2) Note that the cord of the clip on earphone assembly also provides the antenna for the **Receiver**
For maximum sensitivity, do not hold the earphone cord.

(3) Adjust the volume control for a comfortable and intelligible listening level in the connected clip-on earphone.



### Oral Multi - Languages (Translating System)




### Tour guide system

## *Federal Communication Commission Interference Statement*

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

***FCC Caution*** :To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example - use only shielded interface cables when connecting to computer or peripheral devices).

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.