

TSC

Portable Translation/
Tourguide System

ENERSOUND



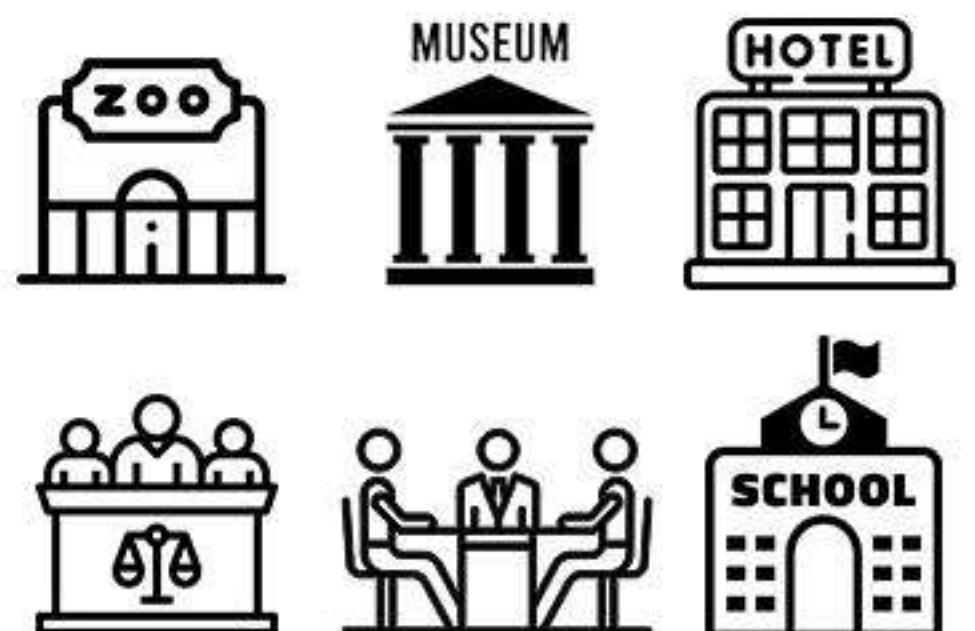
Limited 3-year warranty
on receivers and
transmitter.

This Portable Simultaneous Interpretation and Tour Guide System provides clear sound quality and full mobility at a budget friendly cost. It consists of battery-operated, wireless FM transmitter and receivers. It can be expanded by adding an unlimited number of additional receivers. More foreign languages or auditory sources can be added for a maximum of 4 in the same area by purchasing one additional transmitter and microphone per auditory source.

Features:

- Completely wireless.
- 150ft (45m) coverage range.
- 4-channel transmitter.
- 72-76 MHz FM frequency band.
- No installation required.
- Up to 4 systems can be used in the same area for multiple languages or groups.

Ideal for:



Components



R-100 Receiver

- One programmable channel.
- Superb sound quality.
- LCD screen.
- Innovative and attractive design.
- Robust engineering for maximum reliability and durability.
- Small & lightweight.
- Multiple carrying options: (Belt clip, Neck strap & Velcro arm-band.)
- 100% digitally tuned.
- Long battery life (up to 55 working hours.)
- Limited 3-year warranty.



EAR-120 Earphones

Dual earphones specially designed to optimize audio quality on R-100 receivers, featuring a 3.5 mm stereo plug.



MIC-200SEN Headband Microphone

- Metallic gooseneck arm for perfect voice pickup.
- Excellent mechanical properties.
- High audio quality.
- Cleverly set around the neck for greater support.
- Lightweight and comfortable.
- Features a 3.5 mm locking plug.



TP-600-4 Transmitter

- 4 selectable channels in 72-76 MHz.
- Superb Audio Quality.
- Transmission range of up to 150 ft.
- Optional drop in charger available.
- Easy set up and operation.
- Broadcasts to an unlimited number of receivers.
- Up to four (4) transmitters can be used simultaneously in the same area in different channels.
- LCD display with backlight.
- Dedicated, easy access microphone mute button.
- Lock mode to prevent accidental settings changes.
- FCC/IC approved.
- Limited 3-year warranty.

Accessories



CAS-10 Carrying Case

- Holds up to 10 Enersound FM receivers.
- Convenient compartment for headphones and other accessories, including a bodypack transmitter and microphone.
- Metal core hinges.
- Nylon latches.
- Integrated handle.
- Strong polypropylene body.
- Convoluted polyurethane foam on lid to gently secure items.
- Custom die cut polyethylene foam divisions.

CAS-325 Carrying Case

- Holds up to 25 Enersound FM receivers
- Convenient compartment for headphones and other accessories, including bodypack transmitter and microphone.
- Lightweight.



CAS-25 Carrying and Shipping Case



- Holds for up to 25 Enersound FM receivers.
- Convenient compartment for headphones and other accessories including a bodypack transmitter and microphone.
- Waterproof, impact resistant, crushproof, dustproof.
- Powerclaw™ latching system.
- Soft grip foldable handle.
- Lightweight NK-7™ resin & 100% stainless steel hardware.
- Automatic pressure release valve.
- Padlockable and stackable.
- Convoluted polyurethane foam on lid to gently secure items.
- Custom die cut polyethylene foam divisions.



CHR-600 Drop-in Charger

- Single-bay, designed for Enersound FM bodypack transmitters TP-600 and TP-600-4.
- Multicolor LED indicator to show battery charging status.



HEAD-702 Headphones

System Set-up

Audience



**R-100 receivers
with headphones**



**TP-600-4
Transmitter**



**Interpreter
Microphone**



Technical Specifications

TP-600-4 Transmitter

- Operating Frequency: 72.1, 72.5, 72.9, 75.7MHz.
- Number of Channels: 4 Selectable.
- Frequency Deviation: Wide Band: +/- 75KHz.
- Transmitter Stability: +/- 10ppm.
- Output Power Hi: 80,000uV/m at 3 meter.
- Antenna: Integral with microphone cord.
- Compliance: FCC part15, Industry Canada.
- Frequency Response: 180Hz ~15KHz.
- Signal to Noise Ratio: 67db.
- System Distortion: < 1% (THD) at 45KHz deviation.
- MIC Input: Locking 3.5mm 1/8" TRS jack, supplies +DC on tip for electret mics.
- AUX Input: 2.5 mm stereo jack w/adjustable gain.
- Audio Processing: Built-in signal compression 2:1
- Battery Type: (2) AA 1.5 V non-rechargeable Alkaline, (2) AA 1.5 V NiMH rechargeable.
- Battery Life: Up to 25 hours with alkaline batteries. Up to 22 hours per charge, recharges in 6-7 hours with CHR-600 drop in charger.
- Temp. Operation: -5°C (23F) to + 40°C (104F.)
- Temp. Storage: -20°C (-4F) to + 60°C (140F.)
- Humidity: 0~95% Relative Humidity.
- Dimensions:
 - Without Belt Clip: 4.1" x 2.8" x 0.9"
 - With Belt Clip: 4.1" x 2.8" x 1.1"
- Color: Black.
- Unit Weight: 2.9 oz (84 gr) without batteries.
- Shipping Weight: 2.2 lbs. (1.1 Kg.)
- Indicators:
 - LCD display with backlight.
 - Green LED transmitting indicator.
 - Red LED Mute indicator.



R-100 Receivers

- Batteries: (2) alkaline AAA (1.5V x 2)
Or (2) NiMH AAA rechargeable.
- Battery life:
 - Up to 55 hours of use w/alkaline batteries.
 - Up to 40 hours w/NiMH rechargeable.
- Number of channels: 1 programmable (20 frequencies available.)
- Frequency range: FM 72.0 to 76.0 MHz.
- FM deviation: +/- 75 KHz.
- De-emphasis: 75 uS.
- Sensitivity: 1.12 uV at 12 db SINAD.
- Signal to noise ratio: 55 db at 100 uV.
- Audio frequency response: 80 Hz to 12 Khz.
- Audio power: 33 mW +33 mW at 32 ohms.
- Audio connector: 3.5mm stereo phone jack.
- Current consumption: 22 mA nominal.
- Dimensions: 3" Diameter / 76 mm.
- Height: 1.22" / 31 mm.
- Weight without batteries: 2.3 ounces (65g.)
- Weight with batteries: 3.1 ounces (88g.)