



# R-100

FM Receiver  
(72-76 MHz.)



3-Year  
Warranty

The Enersound R-100 is a FM receiver with a programmable channel specifically designed for wireless simultaneous interpretation and assistive listening applications. Each one comes with its own pair of headphones and 3 carrying options, including a Velcro armband, neck strap and belt clip. Its ergonomic design, with LCD display, volume control, long lasting battery life, and the ability to program the channel are some of the highlights of this receiver.

It is compatible with most FM systems currently on the market that operate on the 72-76 MHz frequency band. These receivers is ideally used alongside Enersound FM transmitters like the T-500 stationary transmitter or the TP-600 portable transmitter.

**Note:** In the United States, the FCC rules limit use of this equipment to auditory assistance and simultaneous interpretation. For use outside of the USA, please check with your government's radio regulations for 72-76MHz operation in your country.

## Features:

- 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 armband.)
- 100% digitally tuned.
- Long battery life (up to 55 working hours.)
- Limited 3-year warranty.

## In the box:

- Stereo earphones
- Programmable FM Receiver
- Arm Band
- Neck Strap
- Belt Clip
- User Manual



**EAR-120**  
Double Earphones





# Used With:



## TP-600

17-Channel Portable,  
Body-Pack Transmitter

## TP-600-4

4-Channel Portable,  
Body-Pack Transmitter



## T-500

17-Channel Stationary  
Transmitter

## T-500-4

4-Channel Stationary  
Transmitter

# Accessories



## EAR-102

Single  
Earphones



## NKL-402

Neck Loop



## HEAD-702

Headphones



## CAS-10

10-Unit  
Carrying Case



## CAS-25

Professional, Watertight,  
25-Unit Carrying &  
Shipping Case



## CAS-325

25-Unit  
Carrying Case

# Frequency Chart

CH 1: 72.1 MHz	CH 6: 75.3 MHz	CH 11: 72.2 MHz	CH 16: 72.4 MHz
CH 2: 72.5 MHz	CH 7: 72.3 MHz	CH 12: 72.6 MHz	CH 17: 75.6 MHz
CH 3: 72.9 MHz	CH 8: 72.7 MHz	CH 13: 75.4 MHz	CH 18: 72.0 MHz
CH 4: 75.7 MHz	CH 9: 75.5 MHz	CH 14: 75.8 MHz	CH 19: 76.0 MHz
CH 5: 74.7 MHz	CH 10: 75.9 MHz	CH 15: 72.8 MHz	CH 20: 73.0 MHz

# Technical Specifications

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 Batteries.
Number of channels	1 programmable
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 resp.	80 Hz -12 Khz
Audio power	33 mW +33 mW at 32 $\Omega$
Audio connector	1/8"(3.5mm) jack. Accepts mono/stereo plug
Sound pressure level (input sensitivity of EAR-120 earphone)	115 dB @ 1 kHz.
Peak clipping level:	<18dB in compliance with 2010 ADA standards.
Current consumption	22 mA nominal
Dimensions	3" Diameter / 76 mm.
Height	1.22" / 31 mm.
Weight	2.3 ounces (65g.)
Weight with batteries	3.1 ounces (88g.)