

# Univox® RF

## Assistive listening system



### Features

#### Transmitter EJ-770T

- UHF band 863– 865 MHz, PLL synthesized with 16 selectable channels.
- Half 19" EIA standard rack in size, with optional rack kit to be mounted.
- 6.3 mm mic. and XLR balanced input
- Audio level indicator
- Sophisticated circuit design provides higher audio quality and interference free in transmission

#### Receiver EJ-7R

- LCD display
- 3,5 mm jack
- AUX Out
- Volume control
- 16 channels

The Univox Radio Frequency Assistive Listening system is a simple and cost effective audio system that also provides sound reinforcement to hard-of-hearing persons, with or without hearing aids.

The Univox RF System is suitable to use for lectures and classes. It accommodates any number of users with additional receivers and if there are hearing aid users in the group a neck loop or earpieces are easily added.

The system consists of a transmitter, a number of pocket size receivers with rechargeable batteries, charging stations and listening devices; headphones, earpieces (can be used on top of hearing aids) and neckloops (to be used with T-coil in hearing aids).

It is easy set up and use, and operates over a distance of 100 meters. When fully charged the system can be used 8-10 hours.



Table transmitter EJ-770T for the needs of longer transmission and higher quality. EJ-770T is a stationary transmitter with 16 selectable channels.



EJ-7R is a professional and reliable pocket receiver in a robust aluminium casing. To be used with headphones, earpiece or neckloop.

### Univox – co-developed with Okayo

Univox and Okayo have co-developed a number of Okayos standard products, for example body pack transmitters and receivers, to improve speech intelligibility for hearing aid users. To comply with accessibility requirements and provide a good audio experience even for the hearing impaired, make sure you use these special developed products.



## Technical data - transmitter EJ-770T (part no 502770)

Carrier frequency range	863-865 MHz
Adjustable frequency	16/96
Display status	LCD indicator displays channel or frequency, battery life (transmitter)
RF output	10 mW or 30 mW (according to regulation)
Spurious emission	less than 250 nW
Antenna	TNC connector swivel antenna
Audio inputs	6.3 $\psi$ -Mic in, XLR-Mic in, RCA-Aux in
Audio output	6.3 $\psi$ jack plug for stereo earphone
Controls volume	earphone, wireless, Aux, Mic
Controls TX-switch	Aux-TX, Mic-TX
Power requirements	100 ~ 240 VAC / 12 VDC, 1A switching power supply
DC output	12 VDC, 500mA
Dimensions	D 214 x W 215 x H 44 mm
Weight	1.25 kg



HDC-702



HDC-707



HDC-712



HDC-736

## Technical data – receiver EJ-7R (part no 501007)

Receiver frequency range	863-865 MHz
Channels	16
Band width	max 12MHz
Dynamic range	>110dB
T.D.H.	<1%
Equalizer	<50 $\mu$ S
RF Spurious rejection	58dB @ 250kHz
AUX out	-5dBv/-10dBv/-15dBv/@1 kHz MOD 20kHz High/Mid/Low
Level out	Max 750 mV Up
Earphone connector	3,5mm, stereo/mono
Battery life	12h Ni-MH/ 15h Alkaline
Coverage	up to 100m
Casing	aluminium
LCD indication	channel, frequency, battery
Channel adjustment	frequency set, up/down
Power requirements	2 x 1,2V NiMH (max 2100mAh) or 2 x 1,5V alkaline batteries
Size	88x64x26mm
Weight	170g incl. batteries



HDC-750



Earpiece EM-101



Neckloop NL-90

## Products

- Stationary transmitter EJ-770T (502770)
- Receiver with neckband EJ-7R (501007)
- Headphones EM-201 (230903)
- Earpiece EM-101 (581407)
- Neckloop NL-90 (283101)
- Charging station HDC-702 (582702)
- Charging station HDC-707 (582707)
- Charging station HDC-712 (582712)
- Charging station HDC-736 (582736)
- Charging station HDC-750 (582750)
- Rechargeable batteries NiMH AA/LR6 (2 /unit) (174103)



Headphones EM-201