

# Wireless Personal Conference System

16 channels, 863-865MHz



## Features

- Wireless pocket transmitters and receivers
- Easy to use, no installation required
- Digital displays
- Range 100m
- Works with up to 16 participants
- 16 switchable channels (863-865MHz)
- Several receivers can be used simultaneously
- Neck loop, earpiece and headphone
- Conference microphone (can be replaced with other types of microphones)
- Different functions on transmitter, incl mute mode
- Alkaline batteries with 12-15 hours run time
- Fully charged NiMH-batteries offers 8-10 hours use
- Charger available for 2, 12 or 36 units
- The system is delivered in a transport bag

## Higher intelligibility for hearing aid users

A wireless microphone system with all devices needed: microphones, receivers and accessories, has a wide range of options. The system is uniquely flexible and can be easily configured for different applications.

The wireless personal conference system is the perfect product for hearing aid users taking part in small conferences or group discussions. It consists of a transmitter connected to a conference microphone and a receiver with a loop neck. The basic kit with one microphone works with up to 8 participants and if two microphones are being used, the system works for up to 16 participants. The microphones are placed at the centre of the table and the sound is wirelessly sent to the receiver and neck loop. Several receivers can be used simultaneously. For non-hearing aid users, but with impaired hearing, the neck loop can be replaced with an earpiece or headphones to get an acoustic amplification of the sound.

It is equally suitable for use in schools, seminars, meetings, product demonstrations, aerobics classes and guided tours.

Using the 863-865 MHz frequencies, the system is less sensitive to disturbances than systems using lower frequencies. The system is available for operation at different frequencies in the range from 514MHz up to 865MHz. Please contact us to discuss your requirements. The basic kit is equipped with alkaline batteries, but can easily be supplemented with rechargeable batteries and charging station.

## Univox – co-developed with OKAYO

Univox and Okayo have co-developed 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.



Univox neck loop



## Technical data

### Technical data – overall system

PLL-receivers and -transmitters with frequencies 863-865MHz

16 channels

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 1600mAh) or 2 x 1,5V alkaline batteries
Size	88x64x26mm
Weight	170g incl. batteries

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

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

### Technical data – transmitter EJ-7XT Plus (part no 502707+)

RF output power	10mW
Spurious emission	< 250nW
Audio in	Mini-XLR: microphone in, AUX in
Level controls	Mute, High/Mid/Low
Battery life	8 h Ni-MH/ 9 h Alkaline

### Sensitivity

Speech at 55-70dB SPL (rms, 125ms, i.e. HI) at 3 meters distance creates a magnetic field of 400mA/m., i.e. complying with IEC 60118-4.

**Note:** Microphone sensitivity is adjustable



EJ-7R with earpiece



Univox neck loop



EJ-7XT Plus  
with conference  
microphone



System components	Part no	501007A 1 Conference microphone, Alkaline batteries	501007AX 1 Conference microphone, Charger HDC-707	501007B 2 Conference microphones, Alkaline batteries	501007BX 2 Conference microphones, Charger HDC-707	501007C 1 Tie clip microphone LM-90C, Alkaline batteries	501007CX 1 Tie clip microphone LM-90C, Charger HDC-707	501007D 1 Headset microphone HM-50C, Alkaline batteries	501007DX 1 Headset microphone, Charger HDC-707	501007E 1 Headset microphone HS-06X, Alkaline batteries	501007EX 1 Headset microphone HS-06X, Charger HDC-707
Pocket receiver EJ-7R	501007	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Pocket transmitter EJ-7XT Plus	502707+	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Conference microphone, mini-XLR	582093	✓	✓								
Conference microphone, 3,5mm	241501			✓	✓						
Adapter cable, mini-XLR - 3,5mm	282010			✓	✓						
Adapter cable, 3.5mm to 2x3.5mm	282008			✓	✓						
Tie clip microphone LM-90C	582090					✓	✓				
Headset microphone HM-50C	582050							✓	✓		
Headset microphone HS-06X	582061									✓	✓
Univox Neck loop	283101	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Alkaline batteries	175101	✓		✓		✓		✓		✓	
NiMH batteries	174102		✓		✓		✓		✓		✓
Charger HDC-707	582707		✓		✓		✓		✓		✓
Transport bag	583010	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



For complete manual and certificate, please refer to [univox.eu](http://univox.eu).



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