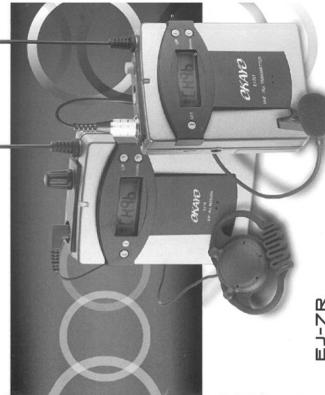


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UHF-PLL

WIRELESS LANGUAGE INTERPRETATION SYSTEM



EJ-7R EJ-7T SERIES

[USER MANUAL]

Preface:

First of all, we would like to appreciate you for buying our UHF 96-channel Tour Guide System. This manual contains complete functions and instructions about this system. Therefore, please read it over before you start to use this product.

Catalog:

MEMO12
Specification11
Operation 9~10
EJ-7T/7LT/7XT Instruction7
EJ-7T Bodypack UHF Wireless Transmitter
Specification6
Troubleshooting 5
Operation3~4
EJ-7R Instruction 1
EJ-/H Bodypack UHF Wireless Receiver

Notice: The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

IMPORTANT NOTE: To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user's authority to opera te the device.

Consumer Alert
Most users do not need a license to operate this wireless microphone system.
Most users do not need a license to operate this wireless microphone system.
Nevertheless, operating this microphone system without a license is subject to certain restrictions:
The system may not cause harmful interference; it must operate at a low power level (not in excess
of 50 milliwatts); and it has no protection from interference received from any other device.
Purchasers should also be aware that the FCC is currently evaluating use of wireless microphone
systems, and these rules are subject to change.
For more information, call the FCC at 1-888-7CLL-FCC) or visit the FCC's
wireless microphone Web site at http://www.fcc.gov/cgb/wirelessmicrophones.

EJ-7R Bodypack UHF Wireless Receiver

Volume/power control

* The volume can be adjusted to an appropriate level by rotating the volume control clockwise; the power can be turned on when you rotate the knob clockwise, and vice versa.

- Power/reception indicator

 (1)The indicator turns to red when the unit is on.

 (2)When the unit receives signals, this indicator will show green light.

3.5 mm earphone jack

Both of mono and stereo earphones can be used upon the user's preference

Information Indicates information. The current channel is shown on the LCD when pressing the button.

- (5) LCD

 *(1)When the power is turned on, LCD is active at the same time.

 The power containing and the current channel are shown on the screen.
- (2)The screen is in energy-saving mode when there is no touch on the mode after 5 seconds; you can press
 or
 again to active the screen or reset the channel.

E1-1K

Channel selection
 Press OO to set the channel

Charging port
 Put in the lead here to connect the unit with the specific charger.

Aux out volume control
 3 levels to control the sound volume: HI, MID and LOW.

3.5mm Aux out
 This output can be connected with other amplifiers or speakers.

AntennaFlexible antenna

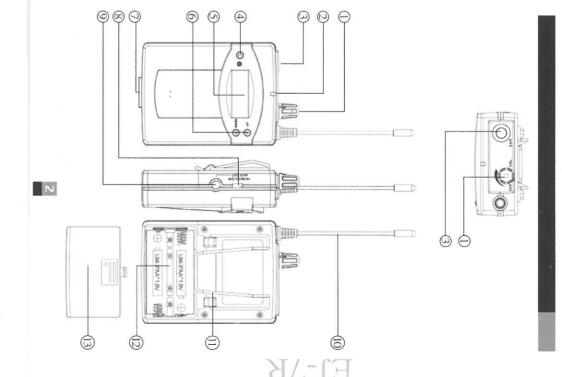
Belt clip

Two-way clip

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Battery case
Insert 2 pcs x 1.5V AA alkaline batteries or 2 pcs x 1.2V AA rechargeable batteries with correct polarity in the compartment.

(C) Battery cover



Operation



Insert batteries:

- Push the battery cover gently in advance and then pull it out.
- N . Insert 2 pcs x 1.5V AA alkaline batteries or 1.2V AA rechargeable batteries.
- 3. Push the battery cover back to close the case

Turn the unit on:

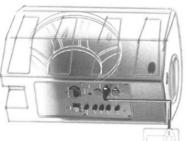
- Turn on the unit by rotating the volume control knob in a clockwise direction
- 3. The indicator will turn to green when the unit has received the signal At the same time, the LCD is active and shows $\boxed{g_n}$ 2. Then, the power / reception indicator will become red.
- 4. The channel is shown on the LCD 配用图
- Put the earphone EM-101 or E-305 in the earphone jack and adjust the volume.

Channel setting:

- 1. Select a channel by pressing OO
- As soon as the channel has been chosen, keep the selected channel on the display.
- The channel is set successfully.

Aux out volume control:

This output can be connected with other amplifiers or speaker.



C)

Operation

LCD display instructions:

- [■] [HDB] 1. Channel 8th is selected and batteries are fully charged.
- $\mathbb{D}[HDB]$ 2. Batteries are going to be out of electricity. Please recharge the
- When the battery frame blinks, batteries are out of electricity The frame is blinking until the unit turns off automatically.

- To recharge the 1.2V AA (NI-MH, 1600 mAh) rechargabel batteries, you need to chose the specialized chargers, such as the 2-slot charger HDC-707.
- Caution! *
- Do not put non-rechargeable batteries in the charger or it would cause a great danger, such as explosion or battery leakage.
- Please take out of the batteries if the unit has not been used for a period in order to avoid the leakage



Turn the unit off:

- Turn off the unit by rotating the volume control knob in the couterclockwise direction.
- 2. Meanwhile, the LCD will show [355]
- If there are not other functions being activated, the power/ reception indicator, backlight and LCD will be off.

Unable to turn on the	 Be sure the batteries are inserted in the unit.
unit	Be sure the polarities of batteries are correct.
Unable to hear any	 Be sure the receiver and the transmitter are at the same frequency.
voice from the	Be sure the volume is adjusted to the appropriate level.
Iccolve	Be sure the distance between the receiver and the transmitter are accepted.
The receiver is interfered when pairing with the	 If there are more than one transmitter around users, select different frequency to avoid potential interferences. If the interference still exists, select another frequency again until the problem is solved.
transmitter	Interferences might come from other RF products, such as television or radio. Please try different frequencies.
The LCD display	Turn the volume control off in counterclockwise direction, and then turn it on again step by step.
shows ERR	If the problem still cannot be solved, please contact with your local supplier for repairing.

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E1-7R

Specification Oscillation mode	PLL synthesized
Receiver frequency range	Group 1. 640~664 MHz (96 ch) Group 2. 740~752 MHz (96 ch) Group 3. 794~806 MHz (96 ch) Group 4. 863~865 MHz (16 ch)
Frequency width	Maxima 12 MHz
Dynamic range	>80dB
T.H.D.	<1%
Pre/De-emphasis	<50 μS

Antenna	Flexible antenna
RF spurious rejection	58 dB @ 250 kHz
Adjacent channel performance	58 dB @ 250 kHz
IMD rejection	58 dB 400 kHz & @ 800 kHz
Double intermediate	243.95 MHz/10.7 MHz
AUX out	-5 dBv/-10 dBv/-15 dBv/@1 kHz MOD 20 kHz with Hi/Mid/Low switch
Audio level	Max 750 mV Up
Earphone connector	3.5 mm jack socket for both of mono or stereo one
Battery	1.2V (Ni-MH. 1600 mAh) x 2 pcs AA rechargeable batteries 1.5V x 2 pcs AA Alkaline disposable batteries
Power supply	14 hours in Ni-MH. rechargeable batteries 17 hours in Alkaline disposable batteries
Dimensions(L*W*H)	98 x 64 x 26 mm
Weight	175 g (with batteries)

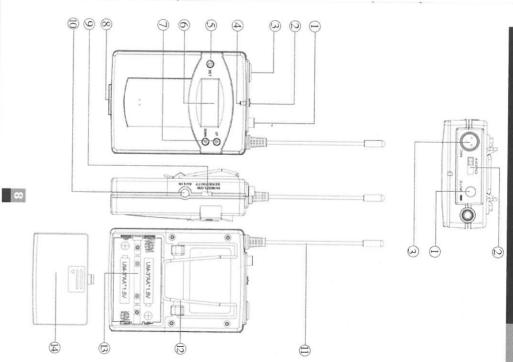
Bodypack UHF Wireless Transmitter(EJ-7T/7LT/7XT)

- Mute control
- ② Power switch(ON/OFF)
- 3.5 mm screw-type(EJ-7LT)3.5 mm push-in(EJ-7T)3-pin (EJ-7XT) microphone input
- 5 Frequency set

Power indicator
* It turns red when the unit is turned on

- 6 LCD7 Channel selection
- 8 Charging port
- Sensitivity switch
- 10 3.5mm Aux In
- Antenna
 Flexible antenna
- Belt clip
 Two-way clip
- (i) Battery case Insert 2 pcs x 1.5V AA alkaline batteries or 2 pcs x 1.2V AA rechargeable batteries with correct polarity in the compartment.
- (ii) Battery cover

7



EJ-JJ SEKIEZ

Operation



Insert batteries:

- Push the battery cover gently in advance and then pull it off.
- 2. Insert 1.5V AA alkaline batteries or 1.2V AA
- rechargeable batteries.
 3. Push the battery cover back to close the case

Turn the unit on:

1. Turn on the power switch ②. The red light and the LCD are on

Channel setting:

After turning on the unit, the current channel [[LH.DI]] is shown on the LCD. Press "SET" (5) for 2-3 seconds until the channel number starts to blink [[LH.DI]], and then press Up or Down (7) to select the channel from 1-16 or 1-96. Press "SET" again after setting the channel.

- EJ-7T is recommended to use LM-70A lapel microphone or HM-50A headset microphone with the 3.5 mm push-in type plug.
- EJ-7LT is recommended to use LM-90S lapel microphone or HM-50S headset microphone with the 3.5 mm screwed-type plug.
- Please choose the recommended microphones to match with the different units. EJ-7XT is recommended to use LM-90C lapel microphone or HM-50C/HM-60C/mina-XLR headset microphone.

Operation



MID -The average Ξ Very sensitive

AUX IN-To connect with external sound signal, such as MP3 $\stackrel{(i)}{\textcircled{10}}$ LOW -Less sensitive

to use the microphone. When you are not using the microphone temporarily, you can push "MUTE" in silent mode . Push "MUTE ()" again and then you can start

LCD display instructions:

<u>≣∠HDB</u> 1. Channel 8th is selected and batteries are fully charged.

 $\mathbb{Q}[HB]$ 2. Batteries are going to be out of electricity. Please recharge soon

3. When the battery frame blinks, batteries are out of electricity. The frame will blink until the unit turns off automatically.

¾ 1. The insufficent power of batteries can decrease the performance on transmission and receiveing

To recharge the 1.2V AA Ni-MH. 1600 mAh rechargabel batteries, you need to chose the specialized chargers, such as 2-slot HDC-707.

※ Pls take out of the batteries if the unit has not been used for a period in order to avoid the leakage. Do not put non-rechargeable batteries in the charger or it would cause a great danger, such as explosion or battery leakage.

Caution!

HDC-707

Turn the unit off:

- 1. Turn the unit off in the counterclockwise direction
- Meanwhile, the LCD will show DFF
 If there are not other functions being activated, the power/ reception indicator, backlight and LCD will be off after it shows "OFF" on LCD.

Specification	
EJ-7T / 7LT / 7XT	EJ-7T / 7LT / 7XT Bodypack Receiver
Capsule	Condenser
Antenna	Flexible antenna
RF output	10 mW
Spurious emission Less than 250 nW	Less than 250 nW
Audio input	Mic in, Aux in
Input jack	Push-in (EJ-7T), screw-type (EJ-7LT), mini XLR (EJ-7XT)
AF control	Mute switch, Hi/Mid/Low switch
Battery	1.2V (Ni-MH. 1600 mAh) x 2 pcs AA rechargeable batteries1.5V x 2 pcs AA Alkaline disposable batteries
Power supply	11 hours in Ni-MH. rechargeable batteries 14 hours in Alkaline disposable batteries
Housing	Aluminium
Size (L x W x H)	26 x 64 x 88 mm
Weight	170 g (with batteries)

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