
DIGITAL TOUR GUIDE SYSTEM

MODEL: ELGT-470R
ELGT-470T

Manual V2.0a

Foreword

Thank you for purchasing "ELGT-470T/R" Digital team on tour. This manual describes the various functions of this tour guide allows you to operate freely and fully experience the tour guide to bring you the convenience and fast, please read this manual carefully before use.

Precautions

1. The tour guide is a high-precision electronic products, Do optional demolished.
2. Avoid strong beat, the collision of the tour guide.
3. Avoid the tour guides are used in the following environments: high temperature, high humidity, dusty and long-term exposure to strong sunlight.
4. Wrung wet cloth to gently wipe the guide devices available housing, non-use of other chemical solution cleaning.
5. For safety reasons, do not use the product in the refueling of the aircraft cabin, deep sea diving, petrol stations.
6. The tour guide during use if you have any questions, please find a local dealer or direct contact with the company's customer service department.

Statement

1. The actual use of the process in order to prevent accidental damage of the product, please bring a spare products.
2. This manual for a specific version of the product produced, and in line with most of the functional description, if a comprehensive understanding of the products function correctly, please refer to the operating instructions of the installation CD-ROM or the Company's website; specific description the two have the manual on CD-ROM or Web site shall prevail.
3. If you have any questions, suggestions log on to <http://www.sokutek.com>, can put forward your questions to the service forum, the staff of the Division I, there are other enthusiastic people to help you solve problems as soon as possible.
4. Picture for reference only, product to prevail in kind.
5. This product, if any change, without notice, please forgive me!

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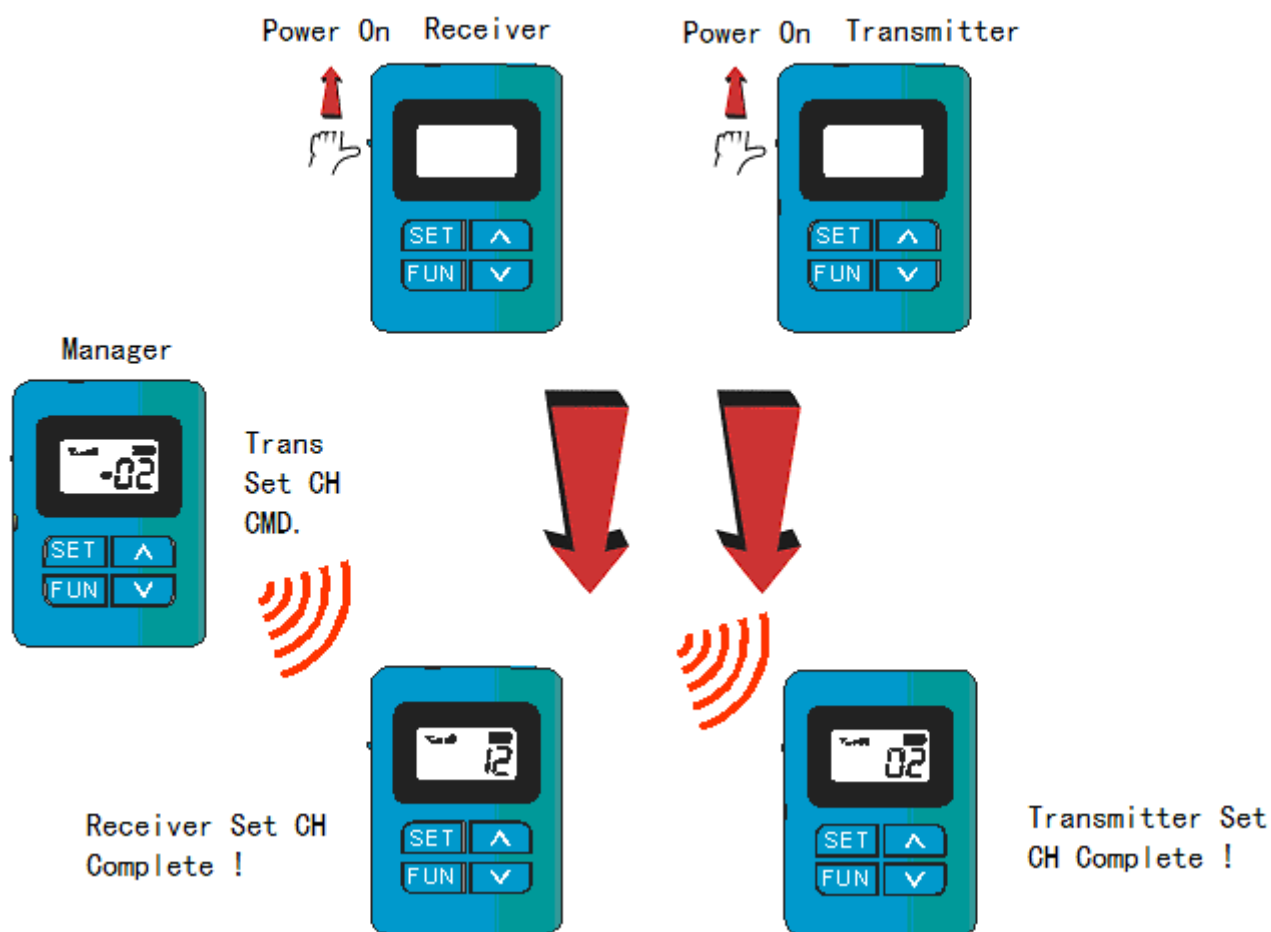
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I. Introduction

1. Product Description

The system consists of a single manager, multi-transmitter multiple receiver. Their relationship as shown below:



1. Supplied accessories

Transmitter:

- headband microphone (a)
- USB charging cable (a)
- Charger (a)

Receiver:

- with headphones (a)
- USB charging cable (a)
- Charger (a)

Specifications

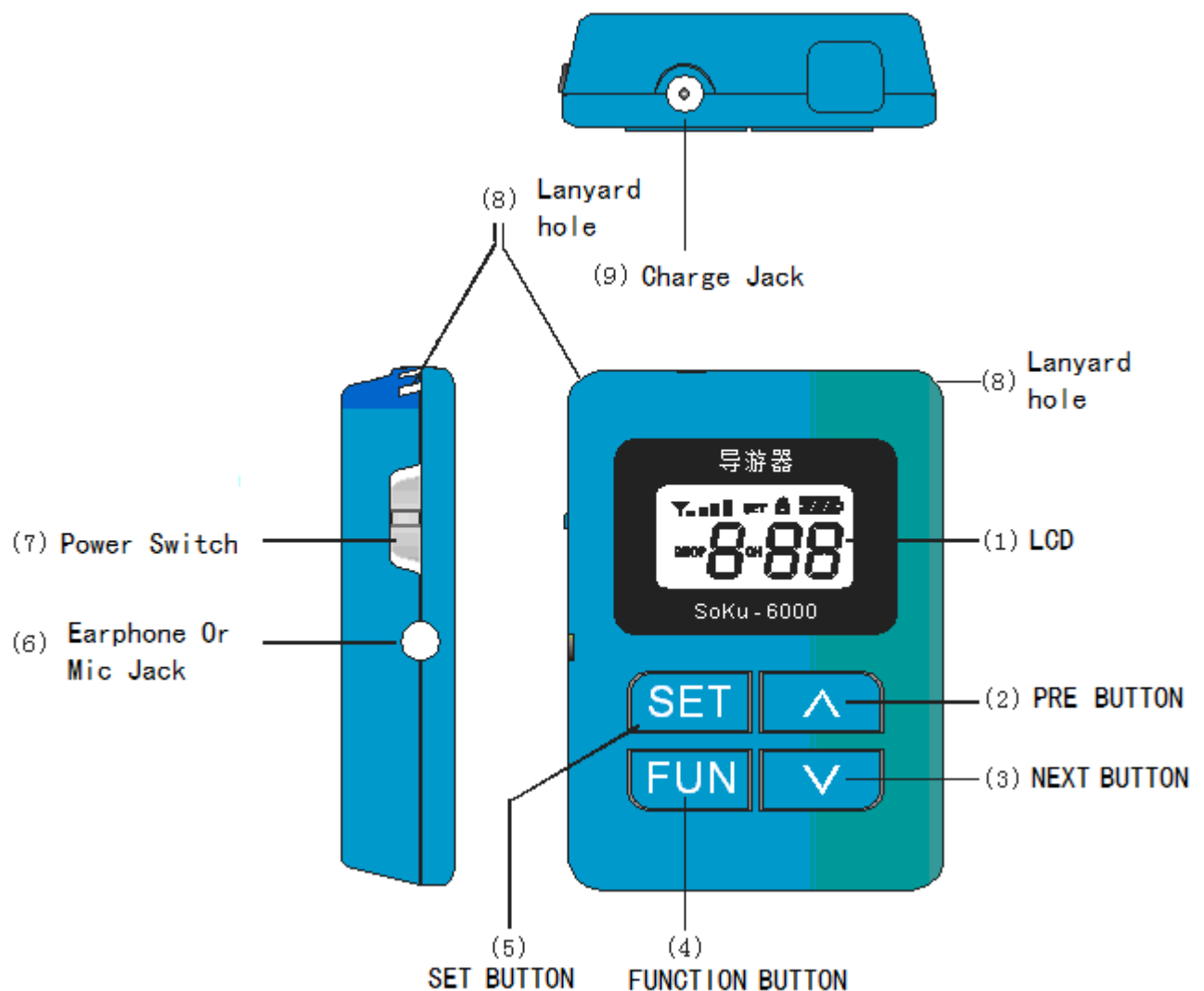
Wireless transmission specifications

Subject	Parameter	Unit	Spec.
Frequency range	470 – 490	MHz	
Channels Number	100		
Modulation	GFSK		
RF Trans Power	10	dBm	10mW
Sensitivity	-112	dBm	
Distance	300	M	

Electrical Specifications

Subject	Parameter	Unit	Spec.
Power Supply			
Transmitter	Polymer lithium battery 1200	mAH	
Receiver	Polymer lithium battery 1000	mAH	
Power consumption			
Transmitter	95(working),5(sleep)	mA	Max
Receiver	20(working),1(sleep)	mA	Max
Manager	60	mA	
Charging	330	mA	
Operating Temperature	-10~+70	℃	Ambient temperature

1. Button and the screen displays instructions



(1). LCD

Receiver or transmitter operating state (such as: volume, gain, signal strength, battery, etc.)

(2). PRE BUTTON

Digital regulator (the specific features see below)

(3). NEXT BUTTON

Digital regulator (the specific features see below)

(4). SET BUTTON

Together with the “NEXT BUTTON” to enter the channel settings

(5). FUNCTION BUTTON

Recode function

(6). Earphone/MIC Jack

For the receiver, the hole for inserting the headphones, When transmitter, it is used as MIC

hole.

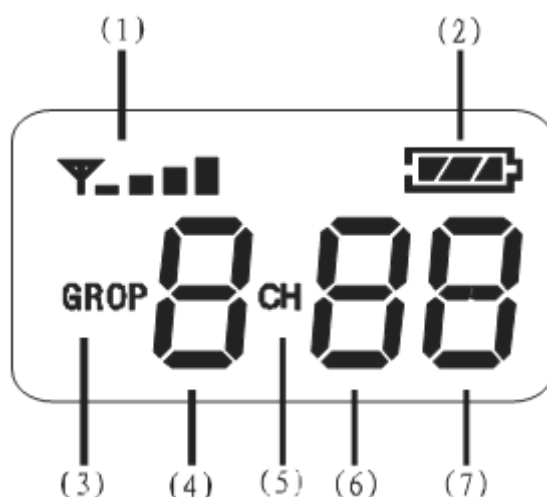
(7). **Power Switch**

Push up (ON), downward push (OFF) when entering sleep mode, shutdown, wait two seconds and then open.

(8). **Charge Jack**

For recharge the machine.

2. LCD



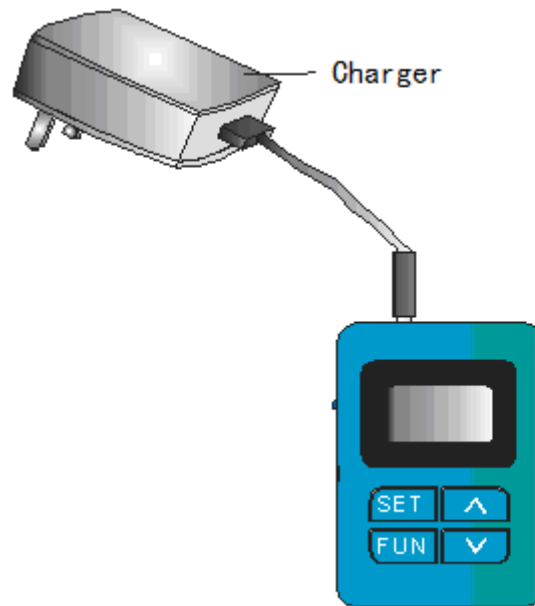
- (1). Signal strength indicator
- (2). Battery level indicator
- (3). When receive Manager wireless signal automatically set channels indicator
- (4). Special function character
- (5). Channel Setting indicator
- (6). The first number of volume channel gain at different state
- (7). The second number of volume channel gain at different state

3. Power Supply

(1). **Charging Operation**

When charging the red indicator light , it under the machine screen .charge saturated light off, the charging time is about 3 hours.

(2). **The connection of the Receiver and Transmitter with the Charger as shown below:**



II. Operation

First, open the Manager power switch to set it to the channel you need, and then open receivers and a transmitter (only during the power-on process of the receiver and the transmitter can receive management signals and save). In the middle if visitors want to insert this team, you can manually set the channel to join the team. For large scenic spots, When some managers work at the same time, They must work different channels, and the receivers, the transmitter as close as possible to the appropriate manager. (Note: The following operation is omitted the MIC, and the headphones)

1. Manager Operating Instructions

The manager of the power switch pull to "ON", LCD display set the number of channels in the last shutdown. As shown below:

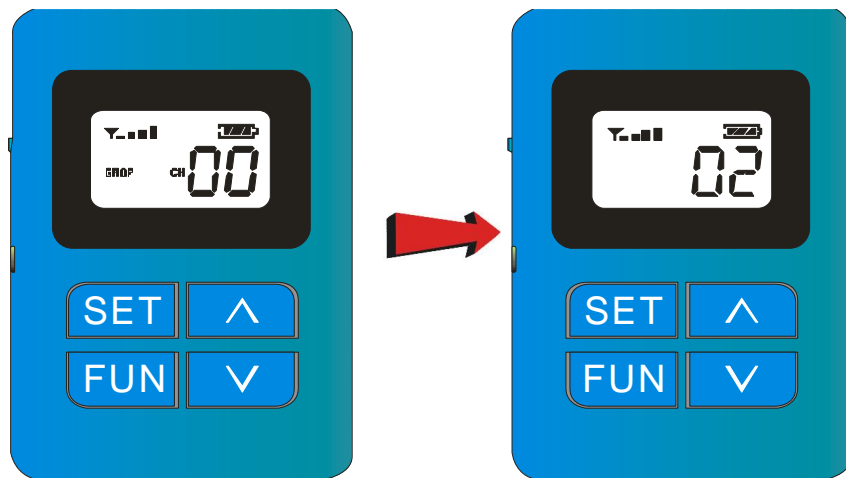


After turn on the manager, it works in the public channel. In this case, the number of channels in the LCD display is transmitted by way of a radio signal. Press the "^" and "v" adjustable LCD

display channels. Administrator with no further action, the system will set the current channel information stored to memory which shoot out at the same time. In the practical application of the time, it is recommended that the administrator, welcomed a group of visitors to channels plus 1. In this way, each group tourists in practice they will not appear the phenomenon of co-channel interference.

2. Transmitter Operating Instructions

- (1) . Transmitter power switch pull to "ON", received the Manager's signal, set the number of channels and "GROP" (Figure A) for one second, the display of MIC gain (Figure B);If Transmitter don't receive the signal of the Manager sent, the direct display of the MIC gain (Figure B), and the channel number is the last time.



(2). Microphone gain adjustment

By "^", the "v" two keys, can be adjusted for the gain of the MIC, wherein 0: mute; 1: 0db ; 2: 20 db gain.

(3). Channel adjustment (Manual)

At the same time press the "SET" and "v" hold one second, small icon flashing " CH ", now by "^", "v" can manually adjust the channel.



(4) . **Recording Function** (less than 30 second)

Hold "FUN" key, when LCD display "--", the Transmitter can enter the recording mode; When release "FUN" button, Transmitter loop emission recording content, until the "FUN" key is pressed again.。



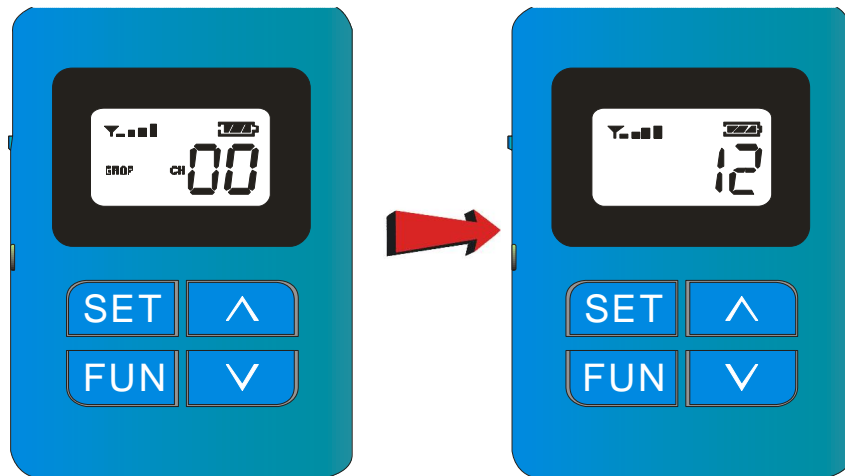
Special :

Under the transmitter normal working mode, it will detect the MIC input signals. If MIC input signal is too weak (unplug MIC or muted MIC or MIC away from sound source)more than 1 minute it will automatically stop transmitting signals into power-saving mode. In this mode, when the input signal is detected large enough, will exit the power-saving mode and return to normal launch state.

Note: When the Transmitter enter a power saving mode MIC input signal is too weak more than 1 hour, it goes into sleep mode, In this mode, if you want to back to launch state, the machine need re-power on.

3. Receiver Operating Instructions

(1). Receiver power switch pull to "ON", received the Manager's signal, set the number of channels and "GROP" (Figure C) for one second, the display of volume series (Figure D); If Receiver don't receive the signal of the Manager sent, the direct display of volume series (Figure D), and the channel number is the last time.



(2) Volume adjustment

By "^", "V" key to adjust the volume, where 0: mute; 12: maximum volume.

(3). Channel adjustment (manual adjustment)

Press the "SET" and "V" key hold 1 second then screen appears small icon flashing "CH", this time by "^", "V" key, you can manually adjust the channel.

(4). Recording function

Hold "FUN" key, LCD displays "--", the receiver will enter the recording mode; pending release "FUN" key, you can hear just the content of the recording, and is in the loop, until pressed again "FUN" key.

Note: (3) (4) operation sample diagram and transmitter exactly the same. But Receiver's recording content only listen, can not Transmit like Transmitter

Special :

Under the Receiver normal working mode, if it does not receive the signal(Transmitter stop transmit signal , or too far)more than 20 seconds it will automatically warn sound("Please follow up" 3 times) and more than 3 minutes into power-saving mode. In this mode, when it receive signal it will exit the power-saving mode and return to normal receive state.

Note: When the Receiver enter a power saving mode does not receive more than 1 hour, it goes into sleep mode, In this mode, if you want to back to launch state, the machine need re-power on.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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

RF Exposure Information

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.