

## 50UR

Frequency : Re-Programmed 30CH.

(806.125 MHz 809.750MHz)

Receipt method : Double Supper heterodyne

Squelch Sensitivity : -95 dB

De Emphasis : 50sec

Noise Reduction : Expander

Earphone Output : 32mW

(16Ω Stereo type / 2.4V / 10% deviation)

S/N ratio : 84dB (100% Dev)

Earphone jack : φ 3.5mm size

Status : LED Power ON (In red)

Audio Receiving (In green)

Power : DC 2.4~3V (AA Battery x 2)

Operating Time : 8~10 hours ("AA" Alkaline Battery x 2 )

(Differ depend on operating conditions)

Dimensions : 63 (W) x 98 (H) x 27 (D) (Exclude Annetta)

Weight : Approx. 140g (Included Batteries)

Standard Packing Items : Earhook earphone,

Lanyard for neck wearing

## 50BT-G

Frequency : 30CH (806.125-809.750 MHz)

Wave type : F3E

Oscillator : PLL Synthesized

RF Power : 10mW

Noise Reduction : Compressor

Mic. level : ECM-60dBm

Impedance : 2.2kΩ

Mic.in : φ 3.5mm mini jack

Status : LED Power ON (In green),

Warning for battery replacement (In red)

Power : DC 2.4~3 V ("AA" battery x 2)

Operating time : 8~10hours with Alkaline batteries

Dimensions : 63(W)x98(H)x27(D) (exclude antenna)

Weight : Approx. 140g (include batteris)

Standard packing items : Lavarier Mic. x1,

Interview handheld mic. X1,

Belt Clip x 1

## Group Channel Lists

Band (MHz) *4	Group, Channel					
	1	2	3	4	5	6
806.125	11*1					
806.250		21*3				
806.375	12*2					
806.500		22				
806.625			31			
806.750				41		
806.875			32			
807.000		23				
807.125	13					
807.250						61
807.375			33			
807.500				42		
807.625					51	
807.750	14					
807.875		24				
808.000				43		
808.125					52	
808.250			34			
808.375					53	
808.500		25				
808.625			35			
808.750					54	
808.875		26				
809.000	15					
809.125				44		
809.250			36			
809.375				45		
809.500	16					
809.625					55	
809.750				46		

\* 1 11 : 1 Group, 1 Channel

\* 2 12 : 1 Group, 2 Channel

\* 3 21 : 2 Group, 1 Channel

\* 4 From 806.125 to 809.750MHz band is pre-set in 30 Channel and is assigned in above each Group/Channel.

## Option Accessories

●Charger : AMC-3 (A pair in this unit)

●microphone : EX-503L (Lavelier mic. Standard packed item)

●Battery : ASP-20501 Ni-MH battery, 1 set (2 batteries)

# 800MHz WIRELESS GUIDE SYSTEM

50UR  
Receiver

50BT-G  
Bodypack Transmitter

## User's Guide



## INTRODUCTION

Thank you for purchasing the AZDEN WIRELESS GUIDE SYSTEM with 800MHz. The WIRELWSS GUIDE SYSTEM consists of : 50UR receiver with Earhook Earphone , Lanyard for neck wearing and 50BT-G transmitter with clip-on electret microphone and handheld microphone. Read this User's Guide carefully for correct use and retain it for future reference.



- The reconstruction and change of the receiver as well as transmitter are prohibited by radio wave law. It is illegal to use the devices that you remodeled.
- Please do not add the impact that drops on the floor and also hit the main body. The precise part of the inside damages it and also become the cause of malfunction with the transformation of the appearance part.
- Please do not leave it on the place where humidity and temperature become high abnormally.
- Please turn off the power switch without fail, when connect the receiver to the camera and also exchange the battery of the.
- Please do not peel of the proof seal. If the seal is not attached the effect of technology standard matching proof disappears.

## AZDEN CORPORATION

1-12-17 Kamirenjaku Mitaka-shi Tokyo 181-8533 Japan  
Tel :+81(0)422-55-5115 Fax :+81(0)422-55-0131  
E-mail : sales@azden.co.jp URL http://www.azden.co.jp

## RECEIVER 50UR

### (1) Descriptions

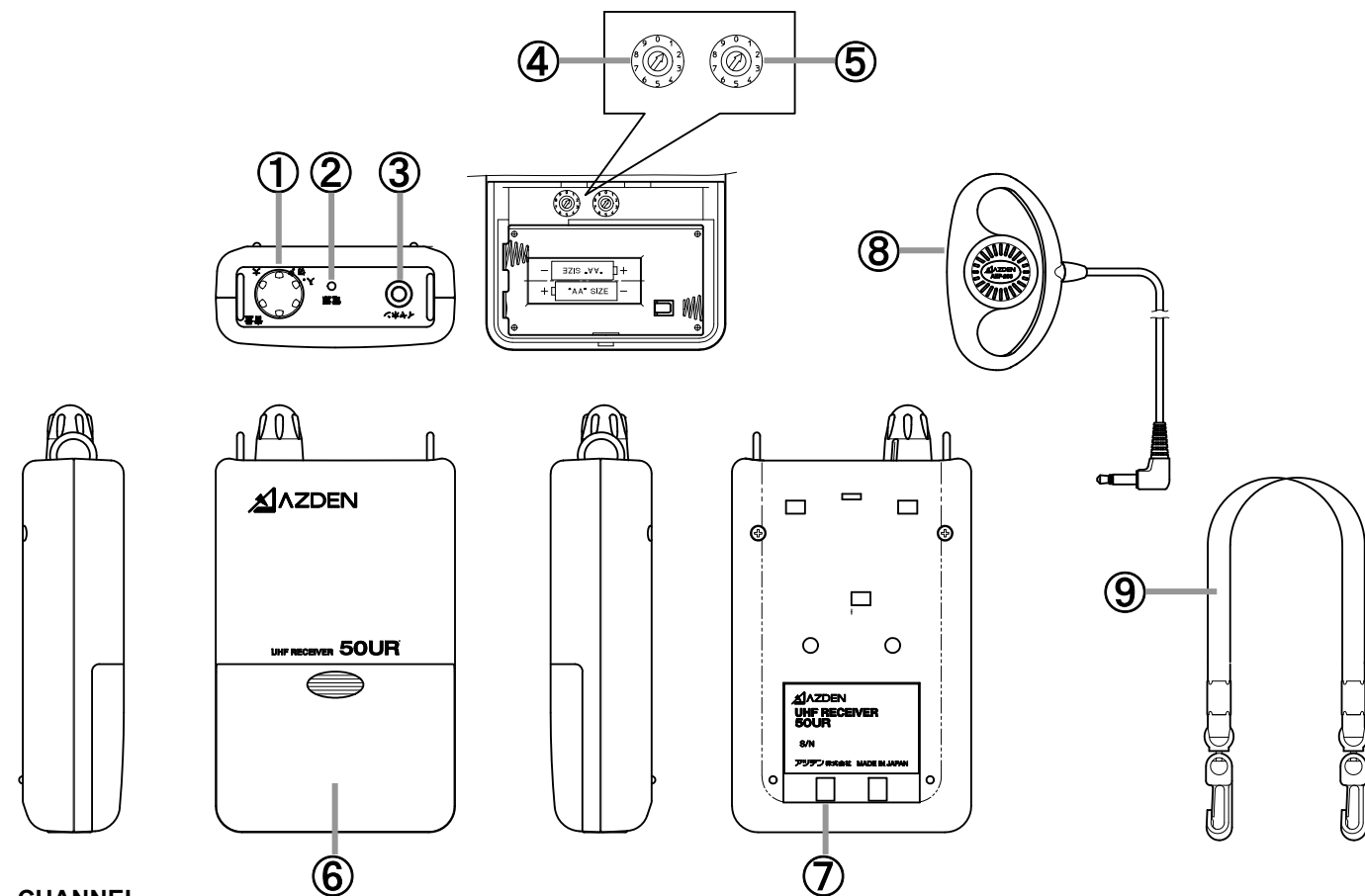
1. Power Switch / Phone volume control: This switch is used to turn the receiver ON and OFF and to adjust the output volume of the earphone.
2. LED Indication : For showing ON/OFF
3. Phone Jack : Plug an earphone into this jack to monitor the sound.
4. Group Setting Rotary switch.
5. Channel Setting Rotary switch.
6. Battery Cover : Slide the cover downward while pressing. Channel and Group Setting Rotary switches appears. \* Five color battery covers are included for owner identification.
7. Charging Terminal : Recharging function along with Azden Battery Charger (AMC-3 option)
8. Earhook Earphone : Plug Earphone Output Jack tightly when using it.
9. Lanyard for neck wearing : Attach it into the hook on the main body for the hands-free operation.

### (2) Exchange Battery

Open the Battery compartment lid by sliding it downward. Remove the battery with pressing it. Turn off the battery when exchanging the battery.

### (3) Frequency Select

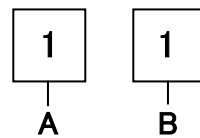
The group rotary switch allows you to select any of six frequency groups (numbered from 1-6) by using adjusting tool. The channel rotary switch knob allows you to select any of six frequency channels (numbered from 1-6). Please turn off the power switch when set the desired channel. It become the cause of malfunction.



### CHANNEL

Frequency Group number and channel number are consisted on the table by the two digit.

A : Group (Numbered from 1-6)  
B : Channel (Numbered from 1-6)



The left figure means: "1" ( the left ) is group  
an "1" ( the right ) is channel

These channel have 6 groups are available to avoid interference. When using more than one system at the same place, receiver and transmitter must be set to the same group. Up to 6 group can be used in the same place. Use only the same group number , other wise it may cause interference.

## TRANSMITTER 50BT-G

### (1) Descriptions

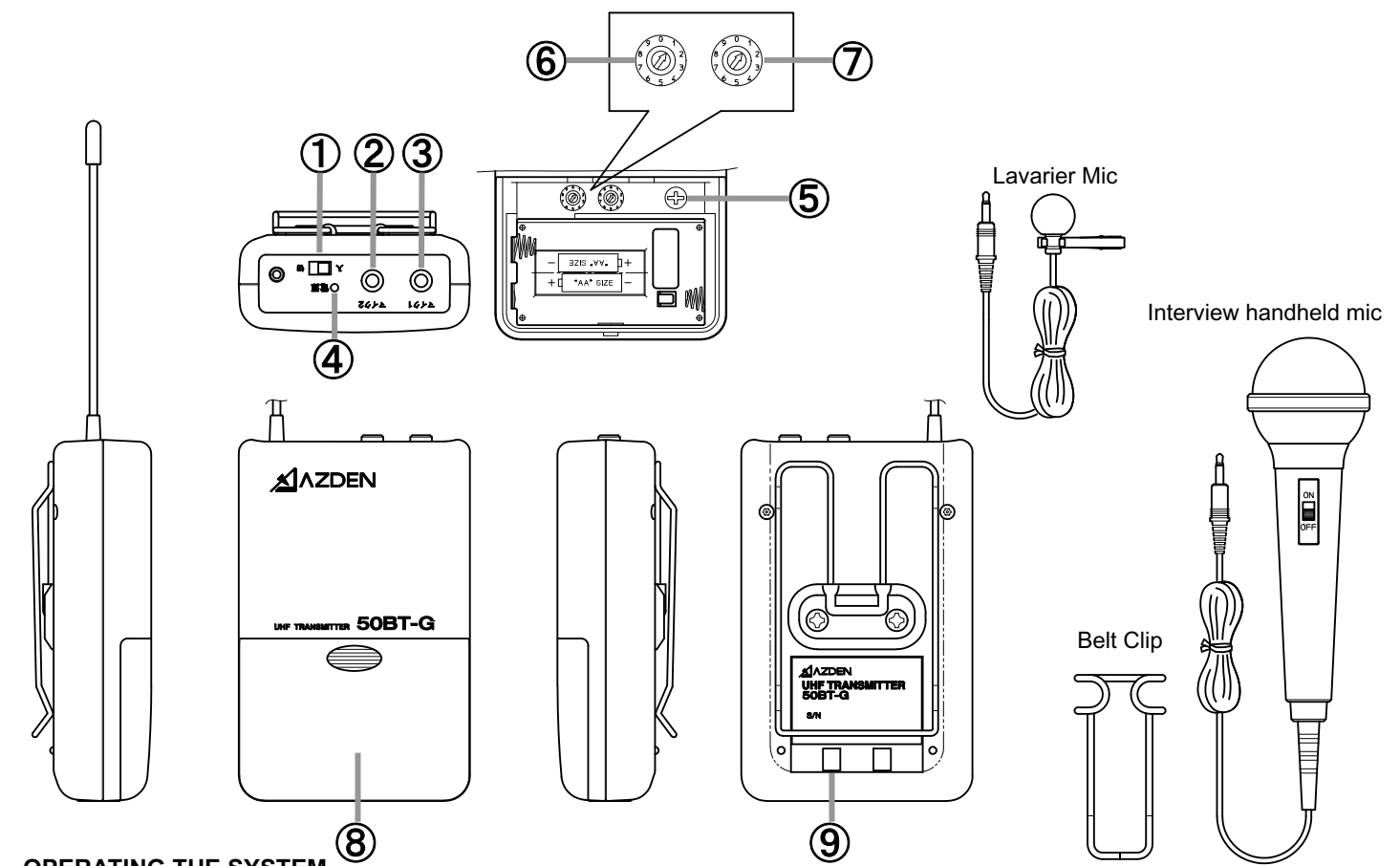
1. Power Switch : Switches the Transmitter ON/OFF.
- 2, 3. Mic Input Jack : Plug the supplied microphone into the Mic Input Jack and tighten the collar firmly. (DO NOT OVER TIGHTEN)
4. LED Indication : For showing ON/OFF.
5. Mic Input Level : The mic input level enables you to adjust the input level of the microphone. By using the supplied tool, turn the dial clockwise to increase, or counterclockwise to decrease the input level.
6. Group Setting Rotary switch.
7. Channel Setting Rotary switch.
8. Battery Cover : Slide the cover downward while pressing. Channel Setting Rotary switches appears. Five Color replaceable battery cover are included for owner identification.
9. Charging Terminal : Recharging function along with Azden Battery Charger (AMC-3 option)

### (2) Exchange Battery

Open the Battery compartment lid by sliding it down. Remove the battery with pressing it. Please turn off the battery when exchange the battery.

### (3) Frequency Select

The group rotary switch allows you to select any of six frequency groups (numbered from 1-6) by using adjusting tool. The channel rotary switch knob allows you to select any of six frequency channels (numbered from 1-6). Please turn off the power switch when set the desired channel. It become the cause of malfunction.



### OPERATING THE SYSTEM

#### CHANNEL

When using the Guide System, all receivers and transmitters must use the same group / channel combination. A transmitter can be received with a no limited number of receiver. For ex., 1unit of transmitter (50BT-G) with group / channel 11 and no limited number receiver (50UR) with group / channel 11 can work together.

#### POWER ON

Turn the power switch on, LED lights will flash.  
Change the battery if the power LED lights up red (50BT-G) or non-display (50UR).  
The system will work continuously for 8 hours using an alkaline battery.

#### POWER OFF

Replace the power switch after using it.

#### CHARGING

Use Azden charger AMC-3(option) for charging batteries in the case 10hours requie for full charge.