

User's Manual



UHF wireless tour guide, simultaneous interpretation system
AG360 Series



System Description

Introduction

The UHF Tour Guide System AG360 series is a portable, high-performance, wireless system composed of the AGT360 body-pack Transmitter and AGR360 body-pack Receiver. Whether at the crowded tourist attractions or at the noisy factory, the system delivers high quality sound very clearly and allows the user to move around freely at the certain distance without any influence on the quality of received sound. This system is an all-round equipment designed for language interpretation and tour group. It is widely used in group visiting activities such as touring, factory visit, training classes etc.

Applicable Occasions

- Factory Visit
- Tourist Attractions
- Museum
- International Meeting
- Large-scale Speech
- Exhibition
- Gymnasium
- School Meeting Room

Components of the Product

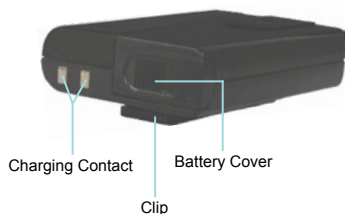
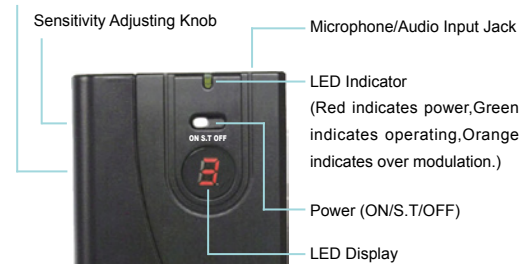
- AGT360 body-pack transmitter
- AGR360 body-pack receiver
- Headset microphone / Lavalier microphone
- Stereo earphone
- Portable charging case
- Transmitter/Receiver carrying case

Main Features

- Portable, exquisite, stylish and user-friendly streamline
- Adopting UHF system and 700-960MHz professional frequency with high anti-interference
- PLL synthesized design, and higher frequency stability
- Digital mute lock setting ensures no interference is picked
- LED display for channel
- Using two ordinary "AA" size batteries
- Low battery LED indication or automatic power off when the battery is low to protect the battery life
- Advanced frequency group allows several groups to use this system simultaneously on the same occasion
- External microphone input jack can input audio source, such as CD, MP3 to realize music sharing, and also can input the electronic tour guide recording
- High quality and durable plastic cover with strong resistance to impact

Operating Instructions of AGT360 Transmitter

Channel Selection Key



Advance Preparation

Open the battery cover, and place two AA batteries in the compartment, making note of the battery polarity shown in the battery compartment, then close battery cover until it snaps shut.

Plug the headset microphone, lavalier microphone or external audio input (such as MP3 player etc.) to the microphone/audio input jack.

Power On/ Mute/ Power Off

Slide the power switch to ON position to start the transmitter from the power off status (the power switch is on the OFF position), then the red power indicator will be illuminated, and the LED display will show the channel worked last time. When the green work indicator is lit, the transmitter stays in the normal operation. If you slide the power switch to S.T position at this time, the transmitter will enter into mute status, and if you slide the power switch to the OFF position, both the transmitter and indicator will be turned off.

Channel setting

AG360 transmitter has 6 channels displayed by seven-segment LED digital tube. When the transmitter is in the normal operation, the digital tube stays light, and displays the present channel value. The LED display flashes if you press channel selection key at this time to show the transmitter has entered into channel adjustment status. The channel value will be added by 1 with each press of channel selection key, and when the channel value reaches 6, it will turn to 1 after another press of channel selection key. The red indicator is constantly light when the channel is adjusted. The transmitter will exit the channel selection status if there is no any operation of keys in 6 seconds, meanwhile, LED display will turn off, and the green work indicator will be lit.

Sensitivity Setting

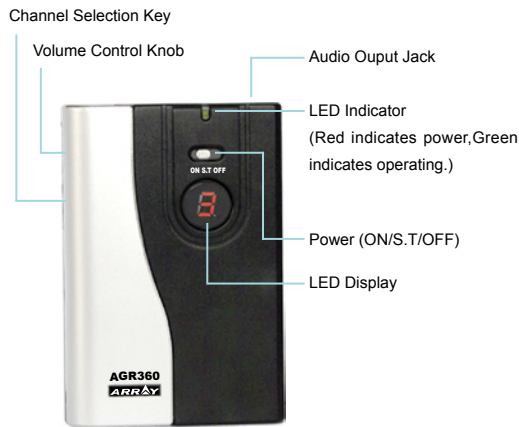
The sensitivity can be adjusted to match different external audio input through rotating sensitivity adjusting knob. If the input sensitivity is too high, the stronger audio input signal will cause the modulation signal of transmitter become too strong. The audio signal will encounter distortion, and indicator will turn orange. At this time, it is necessary to reduce sensitivity properly with sensitivity adjusting knob.

Note In order to make the system operated in the optimal status, it is important to have an appropriate sensitivity!

Low Battery Capacity Indicator

During normal operation, when the battery voltage is less than 2.1V, the indicator turns red and flashes to alarm the low battery capacity. It is necessary to replace the battery or turn off the machine to recharge the battery in time. If the battery voltage is less than 1.9V, the transmitter will turn off automatically.

Note It is unnecessary to reset when you restart the transmitter, because all settings have been saved when the transmitter is turned off.



Advance Preparation

Open the battery cover, and place two AA batteries in the compartment, making note of the battery polarity shown in the battery compartment, then close battery cover until it snaps shut.
Plug standard 3.5mm earphone into the audio output jack. Please make sure it is plugged completely.

Power On/ Mute/ Power Off

Slide the power switch to ON position to start the receiver from the power off status (the power switch is on the OFF position), then the red power indicator will be illuminated, and the LED display will show the channel worked last time. If there is no any operation of keys in 6 seconds, the LED display will turn off. When the work indicator turns on, it shows the receiver gets the signal from transmitter. If you slide the power switch to S.T position at this time, the receiver will enter into mute status, and if you slide the power switch to the OFF position, both the receiver and indicator will be turned off.

Channel setting

AG360 receiver has 6 channels displayed by seven-segment LED digital tube. When the transmitter is in the normal operation, the digital tube stays off. If you press channel selection key at this time, the LED display will be lit to display the present channel value and the receiver will enter into channel adjustment status. The channel value will be added by 1 with each press of channel selection key, and when the channel value reaches 6, it will turn to 1 after another press of channel selection key. The receiver will exit the channel selection status and save present setting if there is no any operation of keys in 6 seconds, meanwhile, LED display will turn off.

Volume Adjustment

The volume can be adjusted through rotating the volume knob.
Suggestion: Please adjust the volume to the lowest before the receiver is turned on (rotate the volume knob counter clockwise to the end), and then gradually rotate it to your desired volume.

Low Battery Capacity Indicator

During normal operation, when the battery voltage is less than 2.1V, the indicator turns red and flashes to alarm the low battery capacity. It is necessary to replace the battery or turn off the machine to recharge the battery in time.

Note It is unnecessary to reset when you restart the receiver, because all settings have been saved when the receiver is turned off.

Troubleshooting

Problems	Possible Reasons	Solutions
The machine unable to turn on	The batteries' capacity is too low	Replace the batteries or recharge the batteries
The red indicator of receiver stays light	The transmitter is off or the transmitter and receiver don't share the same channel	Turn on transmitter and set the same channel to the transmitter
There is no sound when the receiver is in the normal display	There is something wrong with the earphone or microphone	Change the earphone or the microphone
	The mute mode of the transmitter is enabled	Disable the mute mode
The audio is distorted, and the green audio modulation indicator is lit	The sensitivity of the transmitter is set too high or the input signal to the transmitter is too strong	Lower the sensitivity of the transmitter appropriately, or weaken the input signal properly

Suggestions and Maintenance

- When the transmitter or the receiver will not be used for a long time, please take out the batteries from the battery compartment to prevent the damage to the product from battery leakage.
- Eliminate or minimize obstructions between the transmitter and receiver to avoid the interference.
- Please clean the machine by dry soft cloth. Do not clean the machine with gasoline, or other chemical products.

Technical Parameters

Transmitter	
Channel Number	6
Frequency Range	740MHZ — 760MHZ
Modulation Method	FM
RF Output Power	<10mW
Frequency Response	100HZ — 12KHZ
Distortion	<1%
Power	Two (AA) batteries
Battery Life	>12 hours
Dimensions	60* 91 * 23 mm
Weight(including batteries)	81g
Environmental Temperature	-20 — 60 °C

Receiver	
Channel Number	6
Frequency Range	740MHZ — 760MHZ
Modulation Method	FM
Effective Range	>60M
Frequency Response	100HZ — 12KHZ
Distortion	<1%
Power	Two (AA) batteries
Battery Life	>12 hours
Dimensions	60 * 91 * 23 mm
Weight(including batteries)	83g
Environmental Temperature	-20 — 60 °C

Optional Accessories

