



# USER MANUAL

## AIL-110GT

### WIRELESS GUITAR SYSTEM

(LOCATED ON BACK OF GUITAR)

## Introduction

Thank you for purchasing an AIL-110GT wireless guitar system your ultimate choice of wireless wireless guitar system.

The AIL-110GT has been designed using latest technology and offers a unique combination if features to meet the demands of musicians, guitar players and engineers working in all areas of the music.

Please read the manual carefully before operate the system, and we sure you will enjoy it.

#### Accessories list:

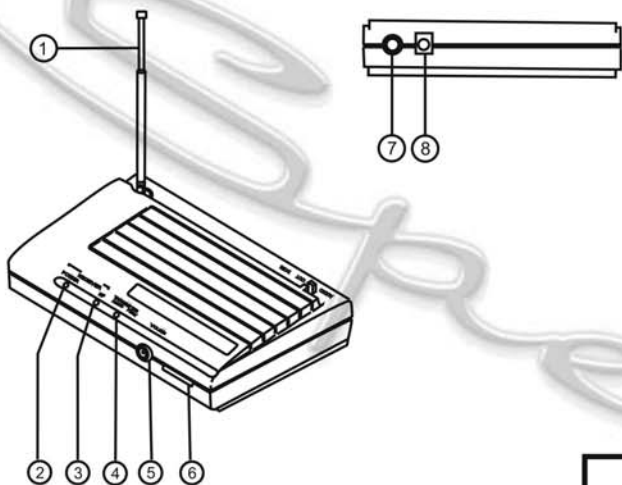
- |                          |        |
|--------------------------|--------|
| 1, AC110V adaptor        | * 1pcs |
| 2, Removable antenna     | * 1pcs |
| 3, AA size battery       | * 2pcs |
| 4, Headset microphone    | * 1pcs |
| 5, 3 ft connecting cable | * 1pcs |

## Technical specification

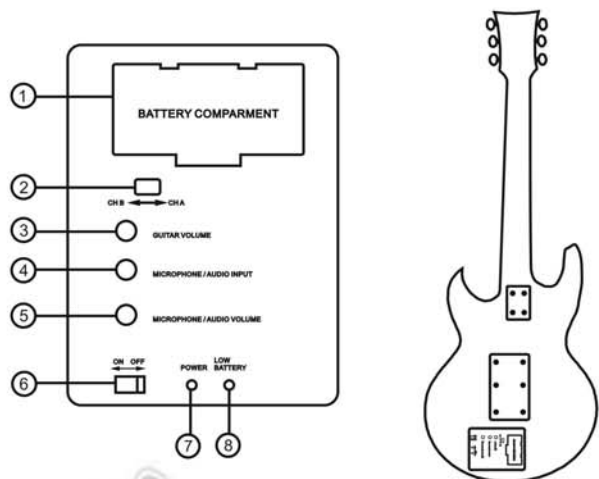
System:	
T.H.D.:	<1%
S/N Ratio	>75dB
Dynamic range	>80dB
Carrier frequency	According to FCC
Oscillation	Crystal control
Working distance	>180 feet idea
Operation temperature	Storage:-10-60 degree Working:0-50 degree
Receiver:	
Frequency stability	20ppm
Sensitivity	-105dB(sinad=12dB)
Control	Volume control
Supply voltage	12V-18V 200mA
Material	Molded ABS
Transmitter	
RF power	<10mW
Frequency stability	20ppm
Control	Guitar / headset volume control
Supply voltage	3V(1.5V AA battery * 2pcs) for 6 hours
Material	Molded ABS

## Troubleshooting

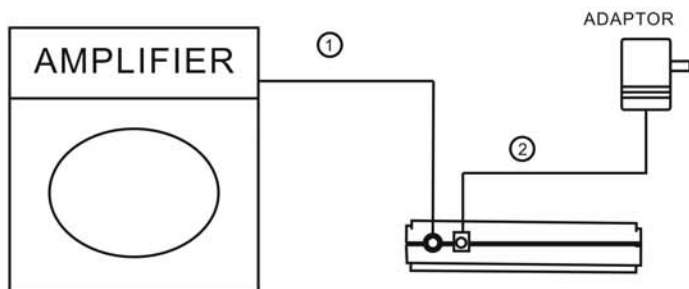
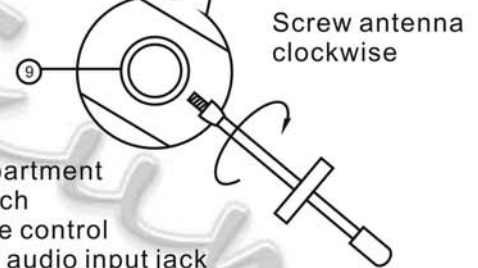
Problems:	Solutions
No sound output RF / AF LED are not lighting,	.Make sure the transmitter and receiver's power are switched on and frequency are switched to same channel .Check transmitter batteries to ensure that they are providing power, replace them if necessary .Check receiver's DC power connection .Turn receiver and transmitter's volume level .Talk or play transmitter, if RF / AF indicators light up, then problem is caused by somewhere else in sound system
Receiver signal is noisy sound or break up	.Check transmitter's batteries and if LOW BATTERY indicator lights, replace battery .Remove local sources of UHF interference .Reduce distance between transmitter and receiver .Change channel for both transmitter and receiver
Receiver sound before switch on transmitter	.Remove local sources of UHF interference. .Change channel for both transmitter and receiver



- 1, Antenna
- 2, Power indicator
- 3, Radio signal indicator
- 4, Audio signal indicator
- 5, Power switch / volume control
- 6, Channel switch
- 7, 1/4" audio output jack
- 8, DC input jack

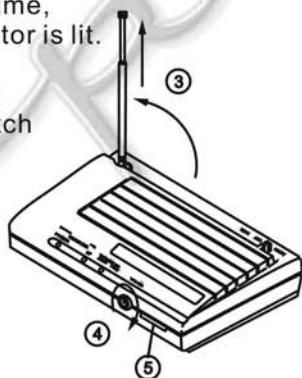


- 1, Battery compartment
- 2, Channel switch
- 3, Guitar volume control
- 4, Microphone / audio input jack
- 5, Microphone / audio volume control
- 6, Power switch
- 7, Power indicator
- 8, Low battery indicator
- 9, Antenna jack



Before operating receiver, please make sure your local voltage is 110V and shut down power switch on receiver

- 1, Connect amplifier and receiver's audio output jack with cable.
- 2, Connect power adaptor to DC input jack.
- 3, Place receiver at a suitable place and pull out antenna.
- 4, Switch on receiver to half volume, then you will find power indicator is lit.
- 5, Before operating on receiver, please look at RF indicator on receiver, if it lights please switch frequency switch to another channel.



- 1, Push the clasper.
- 2, Open battery cover and insert batteries
- 3, Switch on power switch, and PWR indicator will lights.
- 4, Insert headset or music player with connecting cable (not include in package) into microphone / audio input jack.
- 5, Switch frequency switch corresponding to receiver, if receiver's RF indicator lights and when you are playing guitar or talking with headset microphone, receiver's AF indicator will light up, then setup is done.

