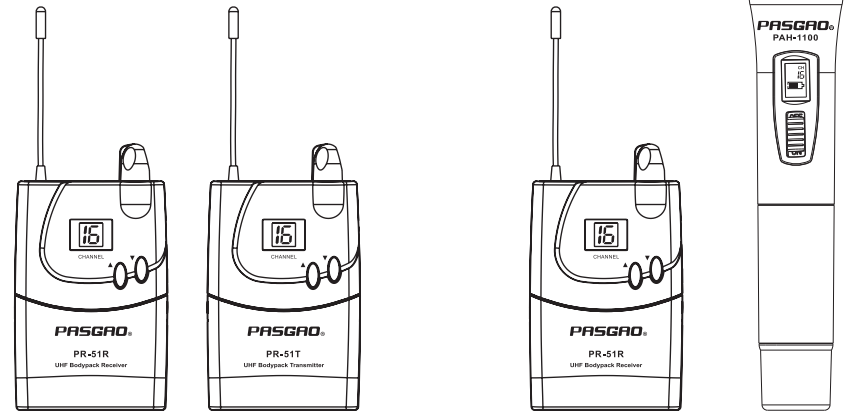


UHF 16 Channel ENG System User Manual



PR-51R / PR-51T

PR-51R / PAH-1100

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Specifications

PR-51R Receiver

Audio Power Output: (referring +/-30KHz, 1KHz)
>100mW
Sensitivity(S/N ratio of intermediate frequency demodulation output is 30dB)
-90dBm for 30dB SINAD, typical
Spurious Rejection
>55dB
T.H.D.
<1%
Power Requirements
1.5V*2(AA) alkaline batteries
Battery life
>8h (alkaline)
Dimensions(L*W*D)
98*65*24mm
Weight
about 90g(without battery)

PAH-1100 Transmitter

Input Impedance
5KΩ
RF Output Power
10mW
Spurious Rejection
>50db
Power Requirements
1.5V*2(AA) alkaline batteries
Battery Life
>8h (alkaline)
Dimensions(including microphone head)
250mm*50mm diameter
Weight
370g (without battery)

PR-51T Transmitter

Input Impedance
5KΩ
RF Output Power
10mW
Spurious Rejection
>50db
Power Requirements:
1.5V*2(AA) alkaline batteries
Battery Life
>8h (alkaline)
Dimensions(L*W*D)
98*65*24mm
Weight:
about 90g (without battery)

Trips for improving System Performance

- The transmitter and antenna should be put in straight direction and without obstacles between them.
- Please do not put the receiver close to metal surface or any digital equipments (such as CD player, computer, etc).
- The receiver should be put at 1m from the ground. Try not to put it close to walls. To get enough ventilation, the distances between equipment and objects around it should be no less than 20cm.
- Ventilation holes shouldn't be covered by objects such as newspaper, tablecloth, or curtain that prevent ventilation.
- Cellular phones and two-way wireless equipments will interfere audio transmitting. Transmitter and receiver should be put far away from these equipments or any hidden interfering sources.
- The equipment should avoid direct insolation, water drop, or water splash. Nor should objects full of liquid be put on the equipment.
- Please do not disassemble it by yourself.
- Any flame sources, such as burning candles, shouldn't put on the receiver.
- Please do not throw spent batteries away. Please put them in designated recycling bins.
- To ensure the system work normally, working temperature should be $-5^{\circ}\text{C}\sim+50^{\circ}\text{C}$.

Troubles Shooting

Issue	Indicator Status	Solution
No sound or faint sound	Transmitter ON Indicator stop flashing	Turn on transmitter Make sure the +/- indicator on battery match the transmitter terminals
	Power indicator off	Turn on transmitter Make sure the +/- indicator on battery match the transmitter terminals
	Receiver RF indicator off, transmitter indicato ON	Take the receiver away from the metal objects Check whether there is hamper between receiver and transmitter Move the transmitter near the receiver Check the receiver and transmitter whether use the same frequency
	Transmitter low battery indicator ON	Change the batteries in transmitter
Distortion or unwanted noise bursts	Receiver RF indicator ON	Please remove audio interfering objects nearby (such as CD player, computer, digital devices, in-ear monitor system, etc.); change receiver and transmitter into different frequency; lower transmitter's gain; replace transmitter's batteries; if multiple systems are working, change the frequency intervals among systems.
		Adjust transmitter again and receiver volume as necessary
Sound is distorted badly or there is too much background noise.	Receiver and transmitter indicators display normally.	Adjust transmitter again and receiver volume as necessary

Important safety notices

1. Please read the instructions below carefully before operating the equipment and keep the manual for future reference.
2. Clean only with dry cloth and make sure the power is off.
3. Only use accessories that specified by the manufacturer.
4. Do not install this equipment in a high temperature and high humidity environment.
5. Please turn off the equipment and take out the batteries while the equipment isn't used for long time.
6. The equipment should be opened, serviced, or repaired by authorized personnel only. If you need any service or repair, please contact the repairing center for further help.

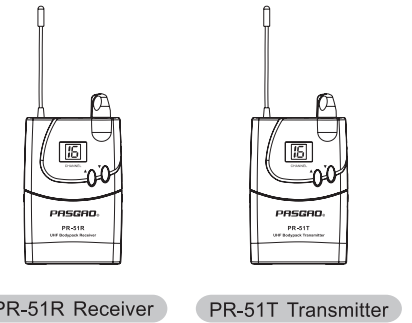
System Overview

The system has 16 optional working frequency. It can meet demanding requirements in various environments,

System Components

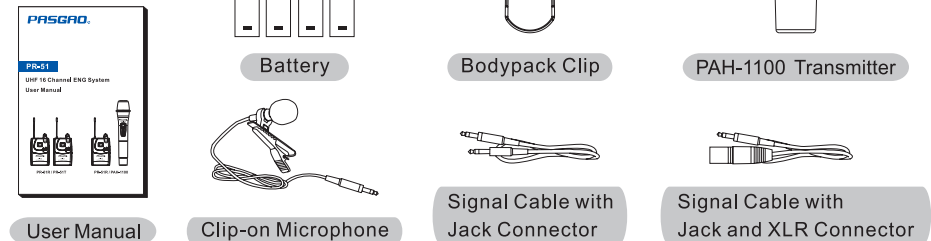
PR-51R/PR-51T system includes:

- PR-51R Receiver × 1
- PR-51T Transmitter × 1
- Bodypack Clip × 1
- Clip-on Microphone × 1
- Signal Cable with Jack Connector × 1
- Signal Cable with Jack and XLR Connector × 1
- Battery × 4
- User Manual × 1

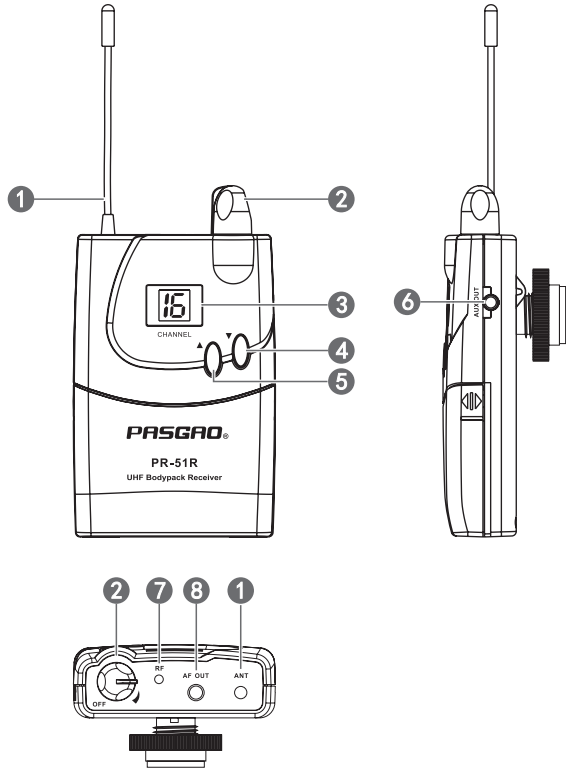


PR-51R/PAH-1100 system includes:

- PR-51R Receiver × 1
- PAH-1100 Transmitter * 1
- Bodypack Clip × 1
- Signal Cable with Jack Connector × 1
- Signal Cable with Jack and XLR Connector × 1
- Battery × 4
- User Manual × 1



PR-51R Receiver

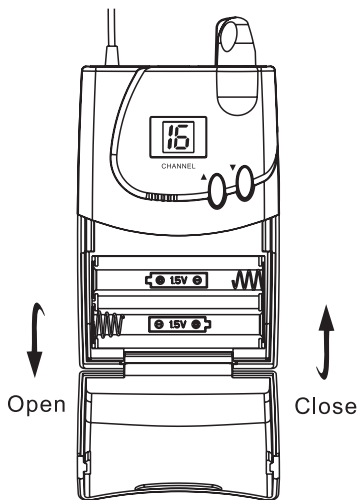


Functions

- ① Antenna
- ② Power switch/ volume control button
- ③ Screen
- ④ Channel selecting button "-"
- ⑤ Channel selecting button "+"
- ⑥ Line signal output socket
- ⑦ Receiving signal indicator
- ⑧ Audio output socket

Battery Replacement:

The expected working time for two alkaline batteries is 8 hours.
When the red light on screen keeps flashing, batteries should be replaced immediately.



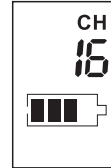
Introduction to System Menu & Functions

PR-51R Receiver/ PR-51T Transmitter:



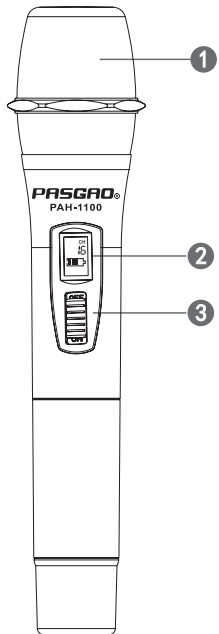
Long press ▼ channel selecting button "-", or ▲ channel selecting button "+", the channel on screen flashes and start to set channel. Press ▼ channel selecting button "-". Channel no. will decrease by one level for each press. Press ▲ channel selecting button "+". Channel no. will increase by one level for each press. No operation until channel stops flashing, channel setup will be finished.

PAH-1100 Transmitter



Long press "SELECT" channel selecting button, the channel on screen flashes and start to set channel. Channel no. will increase by one level for each press. No operation until channel stops flashing, channel setup will be finished.

PAH-1100 Transmitter

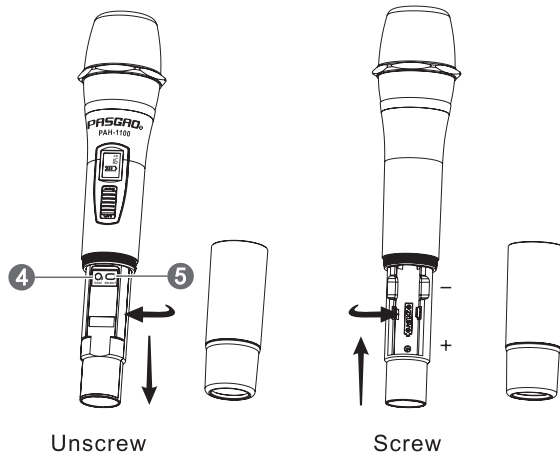


Functions

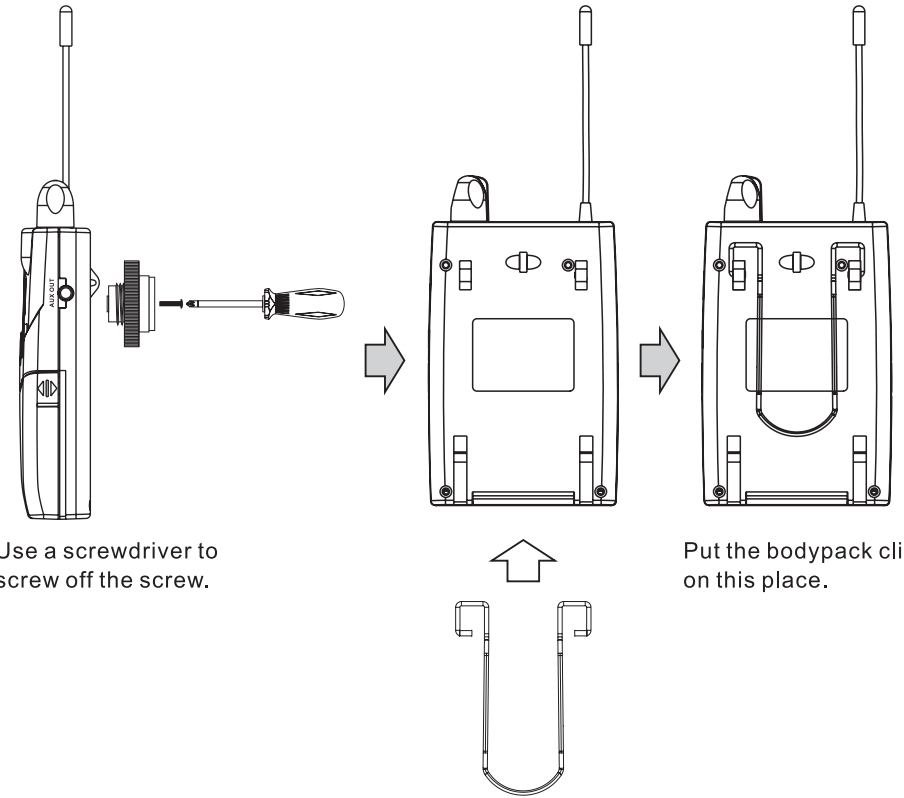
- ① Microphone head
- ② Screen
- ③ Power switch
- ④ Microphone gain control button
- ⑤ Channel selecting button

Battery Replacement:

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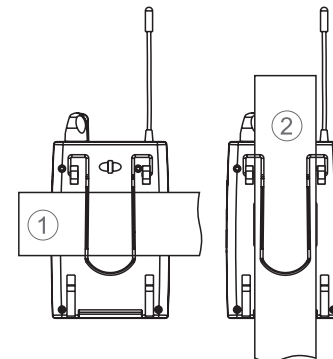
The assembly of bodypack clip:



Use a screwdriver to screw off the screw.

Put the bodypack clip on this place.

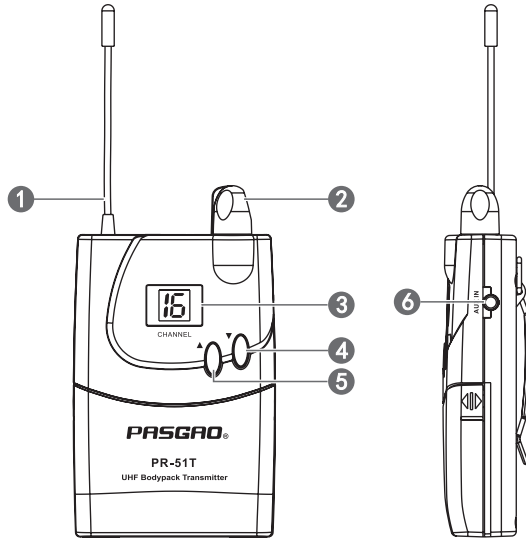
How to wear the bodypack receiver:



Clip the receiver on leather belt ①, or thread guitar belt through the receiver clip ②, as the left diagram shows.

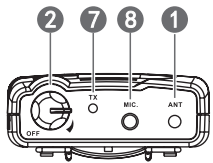
To get best effect, please push down the receiver till leather belt is close to the bottom of receiver clip ①.

PR-51T Transmitter

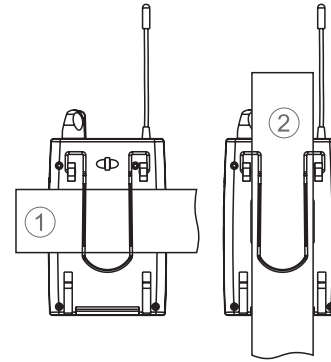


Functions

- ① Antenna
- ② Power switch/ volume control button
- ③ Screen
- ④ Channel selecting button "-"
- ⑤ Channel selecting button "+"
- ⑥ Line signal output socket
- ⑦ Power indicator
- ⑧ Microphone socket



How to wear the bodypack receiver:



Clip the receiver on leather belt ①, or thread guitar belt through the receiver clip ②, as the left diagram shows.
To get best effect, please push down the receiver till leather belt is close to the bottom of receiver clip ①.

Battery Replacement:

The expected working time for two alkaline batteries is 8 hours.
When the red light on screen keeps flashing, batteries should be replaced immediately.

