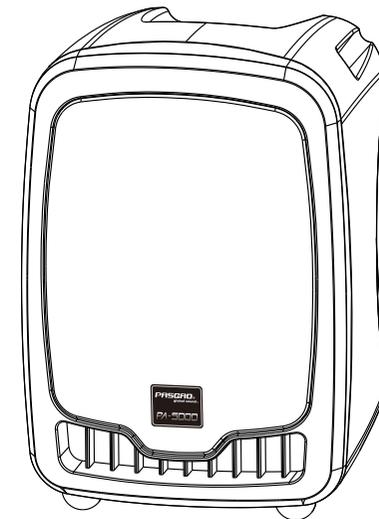


WWW.PASGAO.COM

PA-5000

**Wireless Portable Sound Systems
User manual**



Technology target

Mainframe receiver
 Output power
 MAX36w
 Maximum sound pressure
 118 dB
 Speaker
 Built-in 6.5-inch full range speaker and althorn power
 12V-18V/4A
 Charge battery
 12V 2.6AH*2 pieces
 Two high energy storage battery
 THD
 <0.5%
 Receive module
 A set of UHF (470-1000MHZ)
 Using time
 3-4 hours
 size
 600 (H)*350(W)*300(D)
 weight
 6KG

CD basic data

Laser
 Semiconductor laser wavelength 780MM
Frequency response
 20HZ-20KHZ
SNR
 >80dB
Coordination distortion
 <0.012%(1KHZ)
Use CD-ROM
 DVD\CDMP3\CD\CD-R\CD-RW\
 PICTURE-CD \Compact Disc

Handheld transmitter

Audio input level maximum
 0dBV
 Dimensions : 240mm *50mm Diameter
 Weight 200 grams (without batteries)
 Battery requirements
 Two "AA" alkaline batteries or rechargeable batteries
 Battery life >8 hours (Alkaline)

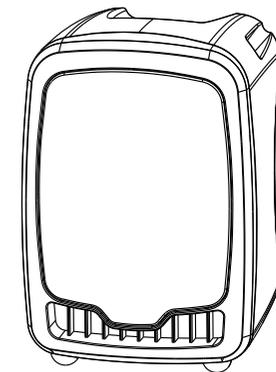
Bodypack transmitter

Max Audio input level
 0dBV to +10dBV
Gain Adjustment Range
 20dB
Input Impedance
 470KΩ
Dimensions
 85mm H * 65mm W*24mm D
Weight
 85 grams (without batteries)
Power Requirements
 2 "AA" size alkaline or rechargeable batteries
Battery Life
 >8hours

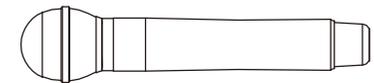
PA-5000 SYSTEMS

- PA-5000 is a real multi-machine integrated, easy to operate, both are suitable for indoor or outdoor to use.
- ◆ Use of 12-18V DC power supply
 - ◆ Built-in intellect charging circuit, all intelligent power management, intelligent high-voltage, under voltage protection
 - ◆ Built-in 6.5 inch Full-range speaker
 - ◆ 12-14V DC supply from one built-in acid type rechargeable batteries
 - ◆ Modular receiver block can use two wireless receiver module
 - ◆ Built-in a non-equilibrium model of wired microphone input jack
 - ◆ Sound output: (RCA)LINE OUT、EXIT SPEAKER
 - ◆ Control button: wired microphone volume、line、main volume、Bass & Treble control
 - ◆ Intelligent Time Delay voice priority function design
 - ◆ Wired and wireless microphones have independent volume controls
 - ◆ Built-in external speaker jack, external speaker, the internal speaker disconnected
 - ◆ With the use of a microphone PAH-330

System components:



receiver



Handheld microphone



Bodypack transmitter



PL-10



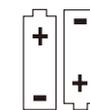
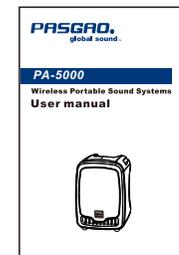
PH-10



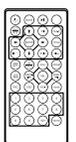
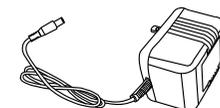
PL-20



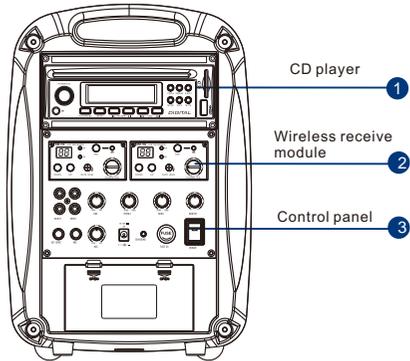
PH-20



1.5V AA



Back panel function



Control panel

Adjust turn-knob: wired microphone volume
 External sound sources (Line in) input
 Volume, Bass and Treble volume ,mainframe volume
 voice priority function switch
 Output: wired microphone X1. exterior sound source (LINE IN)X2
 Output:
 exit speaker/line out(RCA output)
 Extraposition speaker: Extraposition speaker switched(interior speaker cut (SWI TCHED)
 LED display :Charging indicator light, Flashing green for charging, green for full, red for undervoltage
 DC power: 12-18V commutator input jack

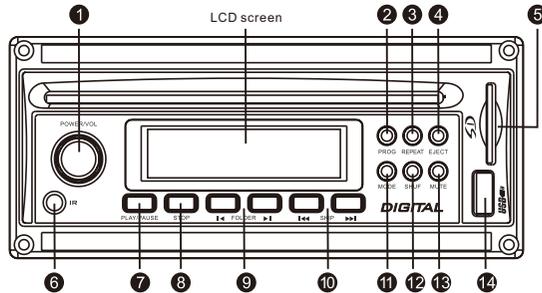
CD play

Digital CD player with USB input interface
 Type: CD /MP3 player with anti-shock function
 Can be stored via the USB slot to read
 The audio file MP3/wma within the flash disk / walk dish
 Fully electronic button
 In addition to the power switch / volume adjust button
 CD input: Pre-inhaled

Wireless receive module

two optional wireless receiver module at best UHF: TR-316 (Auto-election News)
 TR-316
 Receiver module has the exclusive power / volume control knob

CD Play



- | | |
|---|--|
| ① POWER/VOL: On / off, volume control+/- | ⑪ MODE: SD/USB/DVD Functional transformation |
| ② PROG: Program | ⑫ SHUF: Random Play |
| ③ REPEAT: Repeat Play | ⑬ MUTE: Mute |
| ④ EJECT: In / out disc | ⑭ : USB2.0 External jack |
| ⑤ : SDCard external connector | |
| ⑥ IR: Remote Control Receiver Module | |
| ⑦ PLAY/PAUSE: PLAY/PAUSE | |
| ⑧ STOP: Stop, return to the boot screen | |
| ⑨ : Songs plus / minus 10 | |
| ⑩ : Short press on the one / next track selection, press the fast forward / rewind | |

System setting and operation

Wired microphone operation method

Insert the microphone cable (MIC / phone) hole, optional speech or music mode, adjust the volume knob to position the need for volume.
 Treble/bass control operation method
 Treble bass control knob can adjust treble bass to adapt to different tone , according to the need for regulation over to the best sound quality
 Notice: If appear scream phenomenon, the microphone should away from the speaker and to avoid being on the speakers

Connection speaker 、 recorder equipment operation method

It can be used normally when Audio link out ,connection speaker 、 record equipment input .
 Wireless audio frequency output (volume double increase) operation method
 Applicable to large-scale activity 、 conference

- 1、 Open the host normally, put the wireless transmitter switch of the host to the open location, then turn on the wireless microphone receiver volume of the slave box with the main switch of the master box adjust to an appropriate volume.
- 2、 Please put the wireless switch back position of the host after using
- 3、 In order to ensure slave of the sound tone clear need to switch the mixer.
- 4、 The transmission distant of Master box and slave box is 50-100metre
 External connection speaker output operation method

- 1、 The inside speaker break off automatically when the external speaker inset the switched plug
- 2、 External speaker use two speaker line of 4-8 Ω /36W which cannot short circuit and contact metal part
 of machine shell , or the speaker function should burn

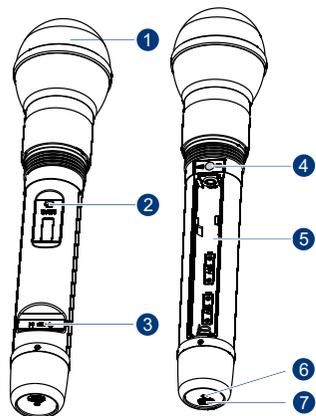
Host DC use

External DC (12-18V) through the DC power input interface for the host battery charging or direct use.
 When it for use, please note that the polarity of DC power input, or external DC power supply can not be used. Please use within the marked voltage range .Otherwise, it will affect host performance and even damage to internal circuit. if used for charging, external power voltage should up 15v, down 25v, or can not to be charging , the external power under 12v cannot to charging , but can supply power for inside amplifier circuit. Under 15v the battery cannot to be charged full, even is the light is green. (the green light is for the external power cannot charge again, the charge control circuit have turn off charging)

Handheld Transmitter:

Functions:

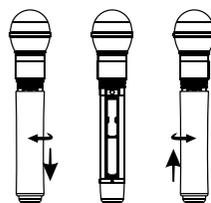
- ① Microphone head
- ② Adjust input sensitivity of the microphone head
Left turn for sensitivity decrease, right turn for sensitivity increase.
- ③ RF power switch
The light of power for H, the low of power for L.
IR port
- ④ Receives infrared beam to synchronize frequencies.
Batteries rack
- ⑤ Power/ASC/Battery low indicator light.
Green on: power on
- ⑥ Green flash: IR transmission in process.
Red flash: battery low
- ⑦ On-off/mute switch



Changing Batteries:

Expected life for two alkaline batteries is about 8 hours.

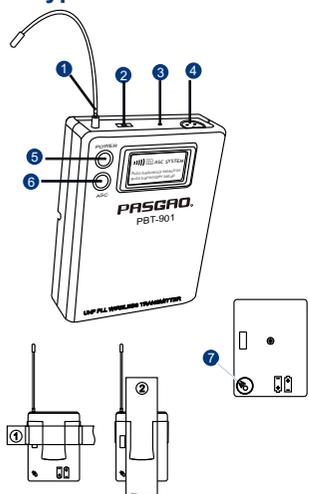
As the battery indicator on the screen keeps glowing, the batteries should be changed immediately (as shown below).



Bodypack Transmitter

Functions:

- ① Antenna
- ② Adjust gain and mute switch
There are two gain settings on PBT-901. Please select the instrument setting most suitable to you.
Mic.: Microphone
0: Guitar with passive pickup
-10dB: Transmitter mute
- ③ Power/Low Voltage/IR Transmission LED lamp
Green: ready
Red Lamp is on: the battery voltage is low
Flashing red lamp: IR transmission is in progress
- ④ 3-pin microphone input socket
- ⑤ Power control button
Tap two seconds to turn on, hold to turn off
- ⑥ Synchronizing Signal Receive button
If this button is pressed, it is possible to establish infrared connection between the transmitter and receiver.
- ⑦ IR Window
This window receives infrared signal so as to keep frequency synchronization.

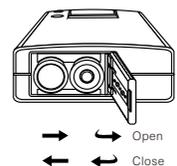


How to Wear the Waist Worn Transmitter:

Buckle the transmitter clip to the belt ① or run the guitar strap through the transmitter clip ②, as shown in the left diagram. If best effect must be achieved, the transmitter should be pushed down ①.

Battery Replacement :

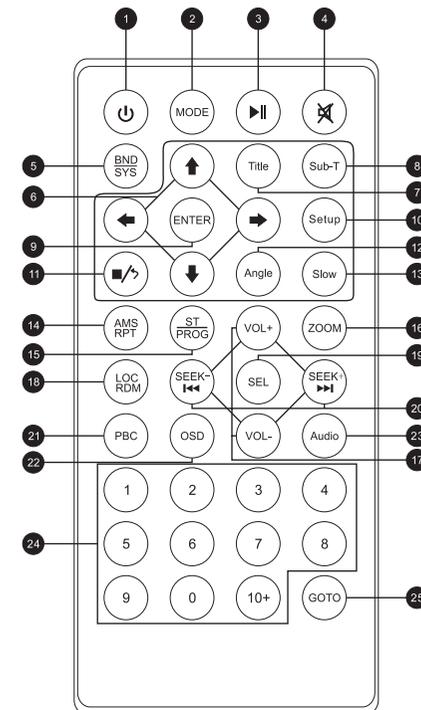
The life expectancy of two alkaline batteries is about 8 hours. When the battery indicator is lighting, the batteries should be changed immediately, as shown on the left.



→ → Open
← ← Close

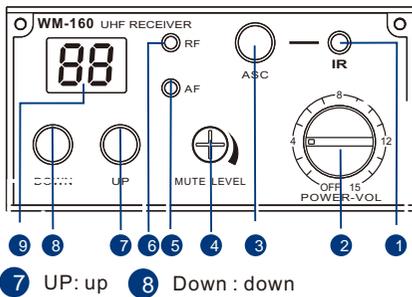
CD Remote Control

- ① Power Button: Power switch
- ② Mode Button: Mode conversion, convertible radio or play mode
- ③ || Button: Pause / play button
- ④ X Button: Repeated short press to clear and restore the sound
- ⑤ BND/SYS Button: Radio state is converted band, playing status is standard conversion (CD state no such function)
- ⑥ ← / → / ↑ / ↓ Button:
Menu Select / OK
In playing status, "← / → / ↑ / ↓" button, choose according to your need to be the menu, then press "ENTER" button or the Play button "▶||" to determine.
- ⑦ Title button: Title menu in DVD, VCD state "Title" is to show all the track disc menu. Then you can with the number keys (1-10 +) directly select the player or the remote control menu selection key "0" to select the desired menu and press "0" or "0+" to determine the play.
State: Title have free function in CD, MP3 state
- ⑧ Sub-T button: In DVD, VCD state, press the "Sub-t" button, you can switch title/voice to English / Chinese.
- ⑨ ENTER button to select the desired menu item, press "ENTER" button to determine the play.
- ⑩ Setup button: Set Menu
CD playing status, press "Setup" button, the screen will display the system menu content
- ⑪ ■/↔ button: Back to menu / options. To terminate play other songs, according to "■/↔" button to return to re-select the menu content
- ⑫ Angle button: multi-angle, in the state, according to "Angle" button, you can watch a different point of view recorded content within the DVD disc.
Note: DVD disc only with the role of multi-angle function
- ⑬ Slow Button: Slow progress settings: in DVD, VCD state a "Slow" button, for 1 / 2 slow progress, press two for 1 / 3 of slow progress, press three for 1 / 4, slow progress has been according to the seven times slow progress.
- ⑭ AMS / RPT button: radio status, press the "AMS / RPT" button, can be adjusted to their favorite radio programs. Playing press the "AMS / RPT" button, repeat track
- ⑮ ST / PROG button: radio state transitions mono or stereo. In the playback mode programming
Note: The only role they have in the DVD under
- ⑯ ZOOM button: zoom settings: in DVD, VCD state by a "ZOOM" button, the screen displays expanded twice. By the second, triple screen, and so on, according to the extended closure of the fourth time.
Note: CD, MP3 no effect under
- ⑰ VOL+VOL- button: Increase or decrease the volume
- ⑱ "LOC / RDM" button, In the radio state press "LOC/RDM" button, far / near the role. Playing status, press "LOC / RDM" button, random play.
- ⑲ SEL button: Multi-function button
- ⑳ ◀▶ / ▶▶ button: Tuning / selections / fast forward / rewind
* In radio mode, short press "◀▶ / ▶▶" button, can automatically up or down the channels. Press and hold for three seconds then switch to Manual Tuning
* CD playback mode, when the short press "◀▶ / ▶▶" button, can be up or down to select a track. Press and hold for fast forward / back



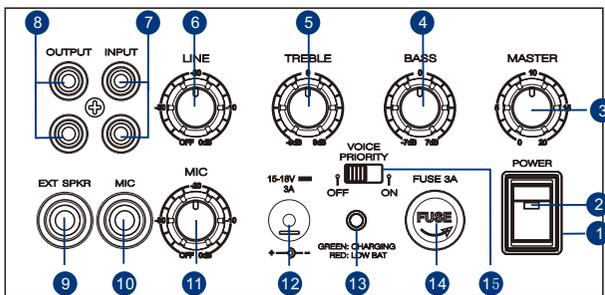
- 21 PBC button: (menu) play
* In the DVD, VCD state press "PBC" button, you can show all the TV shows CD track, then you can match the number on the remote control button (1-10 +) to directly select songs. When you play any song PBC When players choose to terminate the other songs, can press "■/▶" button to return to re-select the menu content. In accordance with "PBC" button will cancel PBC playback
- 22 OSD button: Play Time Display
In the DVD, VCD, CD state press "OSD" button, TV shows single show time, when the single remaining or the whole dish and whole disc the remainder of the time
- 23 AUDIO button: Left / right stereo adjustment: in DVD, VCD, CD continuous press under "Audio" button, you can set the left / right channel / stereo mode
- 24 1-10+ button: Digital button
* In the radio state, press number buttons "1-6" all-band radio can choose their own memories of the six stations
* CD playing with the digital buttons under "1-10 +" can directly select any one segment
- 25 Goto button: Select Time Play

Wireless Receive Module



- 1 IR window
Send infrared signals to the transmitter, in order to frequency synchronization
- 2 Power-vol: power switch off for turn off and volume adjust
- 3 ASC: autom on the frequency
- 4 Mute level: mute adjust
- 5 AF: AF indicator light
- 6 RF: RF indicator light
- 9 Digital tube channel show

Control panel



- 1 Power switch
- 2 Power indicator light
- 3 Master volume turn-knob
- 4 Bass adjust turn-knob
- 5 Treble adjust turn-knob
- 6 RCA input plus turn-knob
- 7 RCA line in
- 8 RCA line out
- 9 Link Extraposition speaker
- 10 Microphone input
- 11 Microphone plus turn-knob
- 12 DC input interface
- 13 Charging / undervoltage indicator light
- 14 Fuse Block
- 15 Voice priority function switch

The usage of PA 5000 Rechargeable Battery

Push the power switch to ON position power indicator will be on Adjust the volume to a appropriate level. typically the battery gives 3-4 hours of continuous operation after fully charged

Notes:

1. Charge the battery for 12 hours before first use
2. Charge the battery or use the external DC power supply. when the LOW BATT light goes dim.
3. If there is automatic shut off with indicator rapidly flashing it shows the protection mode of battery overwork. Then the battery should be charged immediately.
4. Charge the battery at least once a month
5. The special overcharge protection control circuit can extend the battery life
6. Remove the battery when not on use for extended periods (up to 10 days)

Operation instructions:

1. Connect the correct AC voltage. the CHARGING indicator will flash green. When the battery is full charged. the indicator will be a steady green
2. The charge circuit inside the battery will close by itself once the battery is charged up So the battery will not possibly be overcharged

Maintenance tips:

- a. Charge the battery for 12 hours after use
- b. Charge the battery at least once a month
3. battery specification is 12v/2.6AH. It can be recharged over 300 times if used correctly
4. Removed the battery for a new one once there is aging or the positive(+) and black wiring to the negative(-). Abnormal connection will cause damage to the battery.

Notes:

- a. If there is distortion. disconnected or unwanted noise . it may be caused by low battery . The battery should be charged immediately
- b. Turn the power switch to OFF position after use

