

**USER'S MANUAL**  
**ACTIVE PA SYSTEM**



**1.GENERAL INTRODUCTION**

Thank you for having chosen **PA0803BT** self-powered speaker system.

**PA0803BT** speaker system consists of a line source satellite module with 4pcs 3" full range drivers and a 8" active subwoofer in a bass reflex enclosure.

Features:

1. Digital Amplifier  
Extra efficiency, light weight
2. Three-Channel Mixer Input  
Laptop, microphone connectable
3. High Precision DSP Chip  
Made in USA, 24Bit
4. Built-in Bluetooth Player  
Simply connect it with bluetooth device and play your music
5. Woofer with semi-pressed Paper Cone  
Stiff cone reinforces bass effect
6. Near & Far Field Application Adjustable  
2-section straight tubes, 0° and 10° optional adaptor
7. Plug and Play  
Simply plug in audio cables and play
8. All-in-one Carry Bag  
Custom bag designed for anti-dust, easy portable purpose
9. Elegant Appearance  
Streamlined design, fashionable and elegant
10. Road Ready Strong Cabinet  
plastic cabinet with extra strong ribs, eliminates unexpected noises, boosts sound effect.

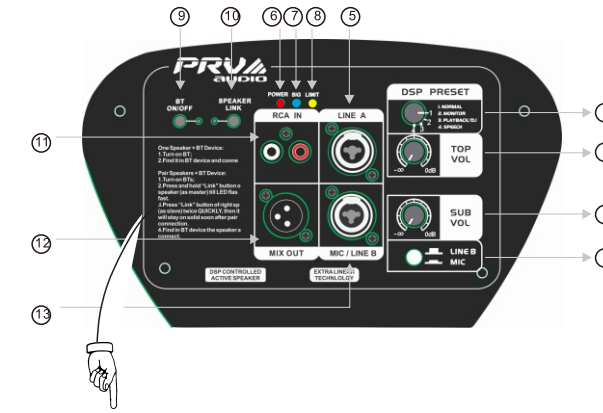
With crystal-clear powerful sound, elegant appearance and ultra compact & portable features, **PA0803BT** system is an ideal choice for meeting rooms, gigs, cafes and small bands

**2.SAFETY INTRODUCTION** ⚠️  
(Important read before use)

- (1) Electronic appliance safety ⚠️
  - Keep this device away from fire, rain and moisture to prevent risk of fire and shock hazard!
  - Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risks. Refer all servicing to qualified service personnel. Most damages are the result of unprofessional operation!
  - Use only the supplied power supply or power cord. The power supply cord should be unplugged when the unit is to be unused for long periods of time. Periodically check cords for cuts or sign of stress, especially at the plug and the points where cords exits the unit.
  - Before replacing the fuse, unplug mains lead. Only replace fuses of the same rating and power as specified on the rear panel.
  - Clean only with dry and soft cloth.
- (2) Installation safety
  - Before installation, make sure that the installation area can hold a minimum point load of 5 times of the system's load. (For product weight, pls refer to its spec sheet.)
  - The unit should stand only on a clean, solid, plane, vibration-free and fire-resistant location. Do not place the unit on an unsteady trolley or stand.
  - Any ventilation openings must never be blocked or covered. The unit must be positioned at least 20cm away from walls.
  - Make sure all signal cables and power cables are well settled down to prevent safety problem of peoples walking by.
- (3) Health Hazard
  - High loudspeaker levels can cause permanent hearing damage. Wear hearing protection if continuously exposed to high level

**3.FUNCTIONAL INTRODUCTION**

(3-1) PA0803BT Control Panel



One Speaker + BT Device:

1. Turn on BT;
2. Find it in BT device and connect.

Pair Speakers + BT Device:

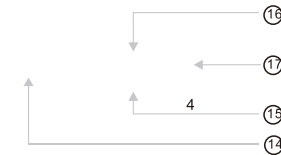
1. Turn on BTs;
2. Press and hold "Link" button of left speaker (as master) till LED flashes fast.
3. Press "Link" button of right speaker (as slave) twice QUICKLY, then its LED will stay on solid soon after pair connection.
4. Find in BT device the speaker and connect.

- ① **DSP PRESET**: switch and choose different DSP preset according to actual demand
- ② **TOP VOL**: top speaker sound control
- ③ **SUB VOL**: subwoofer sound control
- ④ **Operating mode selector switch**
  - Switch engaged: MIC operation
  - Switch disengaged: LINE B operation

- ⑤ **LINE A Input**: Line input with XLR / JACK combo connector.
- ⑥ **POWER**: POWER indicator
- ⑦ **SIG**: SIGNAL indicator
- ⑧ **LMT**: Limit Indicator
- ⑨ **BT ON/OFF**: Bluetooth on and off.
- ⑩ **SPEAKER LINK**: Pair speakers with Bluetooth.
- ⑪ **RCA signal input**
- ⑫ **MIX OUT**  
Balanced XLR output.
- ⑬ **MIC/ LINE B Input**  
Balanced combo input (XLR/6.35mm jack) for getting signals from microphone, mixer or preamplifier etc.

(3-2) PA0803BT Subwoofer Back Panel

- ⑭ **Power supply voltage switch**  
Select 230V or 115V power supply
- ⑮ **Power input**  
Used to plug in the supplied power cord.
- ⑯ **Fuse**  
Only replace the fuse when the device is disconnected from mains. Only use fuses of the same rating and power. The correct fuse value is specified on the rear panel.
- ⑰ **Power switch**  
Turns power to the PA system on and off.



**4.TECHNICAL PARAMETER:**

SPEAKER	Sattelite	Subwoofer
Components	4x3"woofer	8"woofer
Frequency Response(Hz)	110-19K	55-110
Impedance(Ohms)	8	4
RMS Power(W)	100	250
Program Power(W)	200	500
MaxSPL(dB,by measurement)	120	125
Product Size(HxWxD)(cm)	8.5X11.5X47.0	32.5x41.0x45.5
Shipping Carton(HxWxD)(cm)	45.0X52.0X54.5(wholeset)	
Product Weight(kgs)	2.1	10
Gross Weight(kgs)	2.6	11
Passive/Active	Passive	Active

Amplifier Module	Sattelite	Subwoofer
Output Power(RMS)	/	2x350w/4ohm
S/N	/	95dBA
Damping Factor	/	500@100Hz
Protection	/	over voltage protection up to 264V AC, overload output protection,clip,limiter

**5.System Components**



**6.CONNECTION**



**7.OPTIONAL ACCESSORIES & MOUNTING**

Straight tube mounting: 0~10° vertically adjustable

