

# Advanced Professional Audio System USER MANUAL



# PBX-2181

Thanks for purchasing our company' s audio products. In order to obtain all functions of our company' s audio provided, please read this user manual carefully and complete correct setting. Please keep this user manual for future reading if any problem or if any problems occur.

Dear User:

Thank you for your reliable and favorite choice of our company's technical product. Please read this user manual carefully before using this system in order to obtain this products best function and achieve all functions provided. If you have any doubts, please contact your local agency for inquiries. Please keep this user manual for future inquiry.

### Remark:

### Product Features:

This system can be connected to any equipment with audio output: PC, DVD, VCD, CD, TV, MP3 and Radio. Circuit diagrams are all high-performance, high-fidelity designed and matched with professional speakers to make effect more clear and vivid. System playing performance is perfect and bass output is out of sight. Professional electric frequency diagram is more divided to have better effects. **Together** using the super output transformer and professional audio condenser makes sure that this products capacity is more stable along with good S/N ratio design.

### Safeguard:

- This product range is from AC 100V to 220V.
- AC cord can not be bent, curved, tied in a knot or hung **by** heavy objects.
- In order to prevent electric shock **or** fire, **PLEASE DO NOT** put this product in water or place in an area where there is liquid.
- Immediately **remove** AC cord if there is smoke or other strange smell coming from this product. For repairs please contact local agency.
- Please remove AC cord if this product is not in use for a long time.

## Function Description

Normal function description:

- VOLUME Knob: Adjust Main Volume knob to make sound proper.
- TREBLE Knob: Adjust Treble knob make sound more smooth
- BASS Knob: Adjust Bass knob to make bass effect proper
- MIC VOL knob: Adjust MIC knob to make microphone volume proper.
- ECHO knob: Adjust microphone Echo to make a good effect
- MIC JACK: Connect to wired microphone

## Built-in MP3 function description:

- U-Disk(USB) hole: Insert U-Disk and play directly.
- TF hole: Insert TF card and play directly.
- MODE key: This key is multifunction switch key, press this key between MP3, Bluetooth and FM playing.
- PLAY/PAUSE key: In playing status, press this key to pause the current songs, repress again to continue.
- PREV/NEXT key: In playing status, press this key to select from current playing list. Some models also have VOL-/VOL+ function when pressed for 5 seconds.
- REP key: In playing status, press this key to recycle playback the same song; repress again to cancel loop playback.

## Attentions:

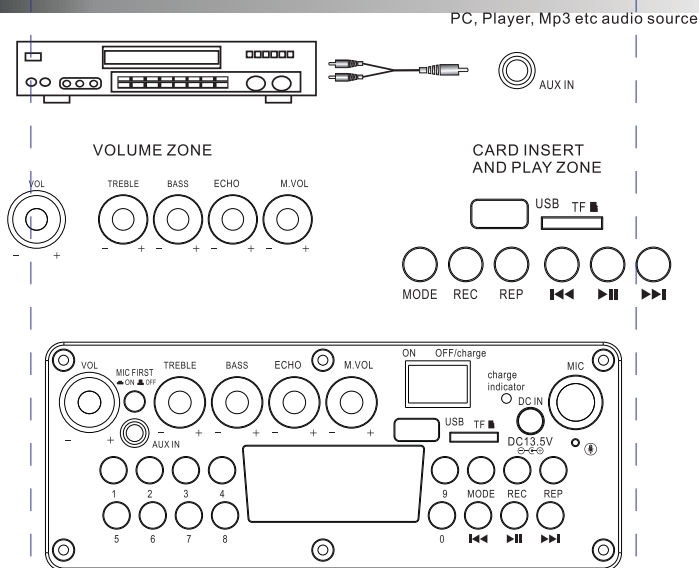
- When USB/TF system reading, it is based on priority of file setup time. For example, file name has 01 and 02. When powered on, it will play 01 file first.

- Some decoration only support MP3 format. If you receive no support error, please change it to a mp3 file in personal computer first.
- Please keep away from high-temperature, high-magnetism disturb and high-frequency disturb while playing. If it is locked, please power off and restart or pull out USB/TF. After restart then it will work normally.

## Built-in Bluetooth / FM function:

- Mode key: In playing status, press Mode key to change from MP3, Bluetooth or FM playing.

## Schematic Diagram



## Attentions:

- Pay attention to remote battery-/+ .Please don't put on the reverse direction.
- If it is an external antenna model, please extend antenna to max length before using. Make sure antenna is in a vertical direction in order to obtain best results (If built-in antenna model, please ignore this step).
- Adjust speaker microphone volume knob in order to obtain best effect. Please setup the microphone volume knob at a proper position according to singing requirement.

## Electricity Recharge Description:

- If battery voltage is not enough (no power) or auto power is OFF, at this time,please recharge. If not using for a long time, please turn the switch to OFF status.
- If battery voltage is low, please recharge in time.
- When charging,please use adaptor to connect the AC 100-220V power source. Battery charging under shut down state. Charging indicator light will be on when charging. If fully charged, the indicator light will be off. Charging time is between 5.5--8 hours.

## Main technical Specification

- Output Power:<150W
- Input Sensitivity: 600 -900mV
- S/N: ≥71dB
- Frequency Response: 20Hz-20KHz
- Power Input: AC 100-220V 50-60Hz

## Malfunction Checkup Guide

If user found any problems during using, please check it according to the checking list below. If problems still exist, please contact any local agency or our company service department hotline.

Detail as below:

| Malfunction(s)             | Possible Cause(s)                         | Solve Method(s)   |
|----------------------------|---|---|
| Power on, no sound output: | Ac cord is not inserted well              | Re-insert the AC cord   |
|                            | AC socket has problems                    | Change another AC socket  |
|                            | No audio source input                     | Change another audio source   |
|                            | Volume is turned to minimum               | Turn to proper volume   |
| Sound distortion (T.H.D)   | Main volume is over turned                | Turn main volume down   |
|                            | Speaker maybe damage                      | Check the speaker whether there is damage. If it is damaged, please repair. |
|                            | Built-in battery electricity is scarce    | Recharge the battery.   |
| Recharge the battery.      | Microphone head may not be fully inserted | Fully insert the microphone head  |
|                            | Microphone ON/OFF switch is not Turned ON | Turn on the microphone switch   |
|                            | Microphone volume is at minimum status    | Adjust proper microphone volume   |

## **FCC Statement**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



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**MADE IN CHINA**

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Please refer to actual object size when purchased. The abridged general view is schematic diagram and only for reference. Our company has explanation authorization to these kind of documents. Our company improves products quality and features continuously. If there is any technical and design product upgrades, we will not disclose.