

## FCC STATEMENT

1. 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.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

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

NOTE: 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.

### \* RF warning for Portable device:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure can be used in portable exposure condition without restriction.

# PRECISION



USB

S7



MP3

KARAOKE

SP-T12B

OPERATING INSTRUCTIONS

## Content

|                                          |   |
|------------------------------------------|---|
| Content .....                            | 1 |
| Technical specifications .....           | 1 |
| Safety Precaution .....                  | 2 |
| Back panel functions .....               | 3 |
| Remote functions .....                   | 3 |
| Back panel operating instructions .....  | 4 |
| Remote Operating instructions .....      | 4 |
| System connection .....                  | 5 |
| Operation .....                          | 5 |
| Instructions & Bluetooth Operation ..... | 6 |

## Technical specifications

- Power : 20W
- Impedance :  $4\ \Omega$
- Input Sensitivity:  $93 \pm 3\ \text{dB}$
- Frequency Response : 50Hz~20K Hz
- S/N Ratio :  $\geq 71\text{dB}$
- Harmonic Distortion :  $\leq 0.7\%(1\text{W})$
- Drive Unit : 1"+12"
- Bluetooth Name : bluetooth
- FM Frequency : 87.50 -108.00 MHz
- Voltage : ~100V-240V/50Hz/60Hz

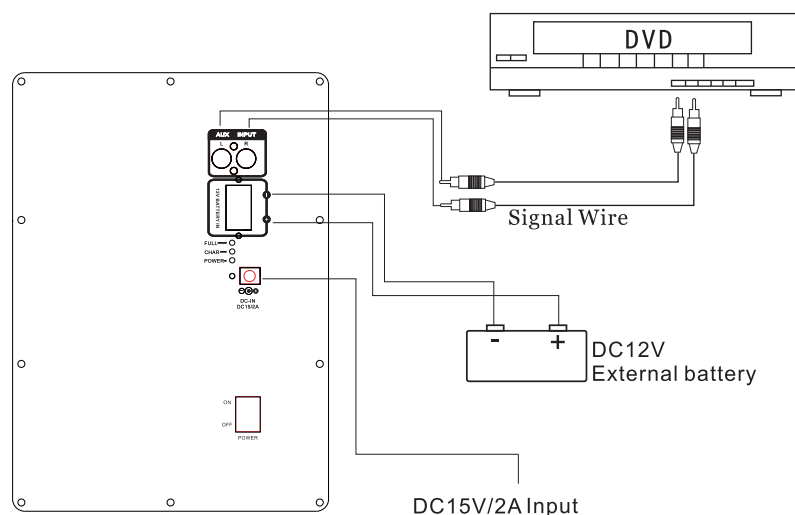
## Instructions

1. When using a AC power, please put the power switch at ON/AC position.
2. When recharging, the blue indicator lights; both indicators light when full recharged.
3. When operate by battery, please put the switch at ON/DC position.
4. For full recharging, approximately 10-12 hours will be needed.
5. Please recharge the unit only under voltage indicated in this manual or marked on the device.
6. To protect the battery, please full recharge every time after using up.
7. To save battery power, please put the power switch at "OFF" position when finish operation.

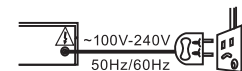
## Bluetooth Operation

1. Turning on the power, press the "MODE" key or "INPUT" key on the panel or remote control, switch the speaker to Bluetooth channel. Then turn on the mobile phone Bluetooth function.
2. Search the Bluetooth device list and select the Bluetooth name "Bluetooth". The speaker will make a notification tone when the connection is successful.
3. Play the music on your mobile phone by music player. The music will be transferred via Bluetooth and sound comes out through the speaker.
4. To disconnect the Bluetooth device, the user can turn off Bluetooth function on the mobile phone, or press the "MODE" key or "INPUT" key on the speaker panel or remote control to change the playing mode.

## System connection



## Safety Precaution



**1. Power:**  
When working/recharging under AC power, please operate only under power indicated in the instruction or marked on device.



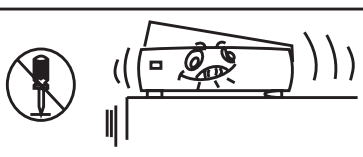
**2. Caution for Electrical Shock:**  
Wet hands are unallowable to plug in or out power plug to avoid electrical shock. Don't suffer raining or watering! Vases or other vessels containing water cannot be placed on the main unit.



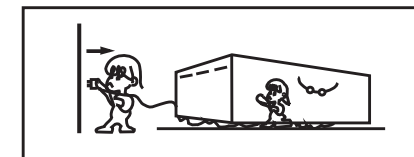
**3. This machine cannot bear heavy load:**  
Avoid sunray hitting directly, and stays away from various heating sources such as stove, radiator and so on. Don't be close to the environments with much dust, high temperature, strong light and strong magnetic field etc.



**4. Power line protection:**  
Prevent power line from being stepped on or pinched by heavy objects. Special attention should be paid to plug of power Cord, outlets on backboard and sockets on wall. Never pull or drag power line.



**5. Do not dismantle the casing:** Serious electric shock may occur if touching internal parts carelessly. Prevent metal pieces or liquid from dropping inside the machine from openings.

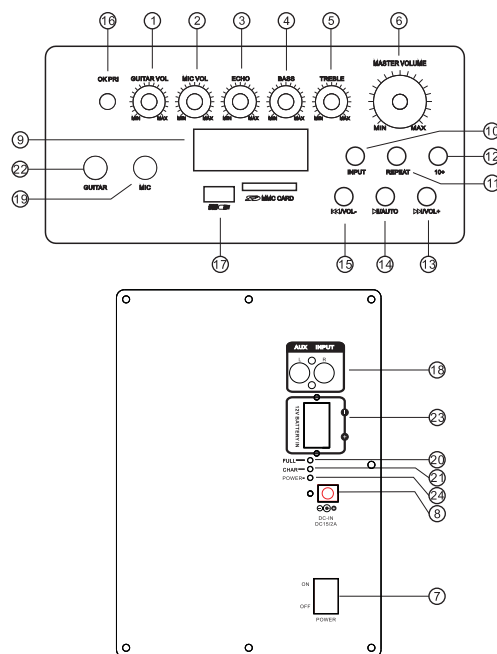


**6. The plug as the device completely cut off from the power supply, It should keep easy operation.**  
If the unit will not be used for a longtime, Please unplug the power cord from AC power Outlet.

## Operation

1. Turn on the unit, connect to sound sources and play.
2. Insert USB/SD card to read Mp3 tracks; press MODE key to select USB/SD input or FM radio, FM programmes scan & save automatically.
3. When using the KARAOKE, please plug your wired microphone cable or turn on the wireless microphone, and adjust the Mic volume.

## Back panel functions and control



## Back panel operating instructions

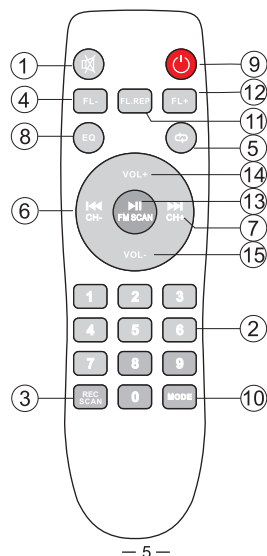
1. Guitar volume control
2. MIC volume control
3. Echo control
4. Bass control
5. Treble control
6. Master volume control
7. Power on/off switch.

\* The battery will be recharged automatically when the power adapter is connected to the unit.  
The power on/off switch does not have effect on the recharging.

8. External power adapter connector, please use the original adaptor.
9. Display screen
10. Mode key -To select input signal source.
11. Repeat key

12. 10+ key
13. Next & FM channel + key
14. Play/ Pause & FM scan key
15. Previous & FM channel - key
16. OK PRI key
17. USB & SD jack
18. Audio input
19. MIC jack
20. Full recharged indicator
21. Recharging indicator
22. Guitar jack
23. DC12V external battery input.
24. Power LED

## Remote Control Operation



## Remote Operating instructions

1. Mute key
2. Tracks select key
3. Record key
4. Prev folder key
5. Repeat key
6. FM ch- / previous key
7. FM ch+/next key
8. EQ mode key
9. Standby key
10. Mode key-To select Input signal source
11. Folder Repeat key
12. Next folder key
13. Play/pause key
14. Volume increase key
15. Volume decrease key