PRORECK

OWNER'S MANUAL

IMPACT 8/10
STEREO PA SOUND SYSTEM

MEDIA PLAYER

1 — USB

2 — IR

3 — MODE

4 — K◄◄ / VOL-

5 — ►►I / VOL+

6 — ⟳

7 — ►I / SCAN FM

8 — VOLUME (LINE / MIC)

10 — LINE/MP3 (MIN — MAX)

12 — TREBLE (-12 / +12)

13 — BASS (-12 / +12)

9 — LINE/MIC

11 — LINE IN (L / R)

14 — AUX IN

15 — MASTER VOL (MIN — MAX)

16 — LINE OUT

17 — SPEAKER OUT

18 — POWER

19 — AC INPUT 100/240V - 50/60Hz

USE ONLY WITH 250V FUSE

Bluetooth®

PRORECK

(WARNING)
⚡ RISK OF ELECTRIC SHOCK. DO NOT OPEN! ⚠

(CAUTION):
TO REDUCE THE RISK OF ELECRIC SHOCK, DO NOT
REMOVE COVER OR BACK. NO USER SERVICEABLE
PARTS INSIDE REFER SERVICES TO QUALIFIED
SERVICE PERSONNEL

WWW.AUDIOPRORECK.COM

MADE IN PRC

BACK PANEL FUNCTONS

1. **USB PORT:** Use it to insert the USB memory storage device with MP3 files.

2. **IR:** Remote receiver.

3. **MODE:** Select an input mode,BLUE/FM/USB. The USB mode will only be displayed when a USB

memory storage device is inserted.

4. **⏮ VOL-** :Press once to jump previous track or FM channel. Press and hold to decrease the volume level.

5. **⏭ VOL+** : Press once to jump next track or FM channel. Press and hold to increase the volume level.

6. **↺** : It is repeat button, we provide 4 modes: Repeat all/ Repeat one/Random/Folder Repeat all.

7. **⏯ SCAN FM** : Press once to play or pause a track**(USB & Bluetooth mode)**.

  Press and hold on to enter folder mode, the screen will show "FOLd"**(USB mode)**.

  then press ⏮ or ⏭ choose your favorite music folder.

  Press once to search radio stations and they can be saved automatically**(FM mode)**.

8. **VOLUME:** Use this knob to set the volume level of LINE/MIC. When using a audio source such as

   mixer,CD/MP3 player or audio preamp, **VOLUME** knob must follow the **outer/Line** level band

   indicator. Do **not** turn the knob pass 12 o'clock position.

9. **LINE/MIC INPUT:** Balanced input for the connection of signal sources like mixing consoles,

   instruments, or microphones. Conn ections can be established using ¼ inch TRS or XLR connectors.

10. **LINE/MP3 VOL:**Use this knob to set the volume level of MP3, RCA input, AUX input.

11. **LINE IN:** True stereo RCA input.

12. **TREBLE:** Use this knob to set the treble volume.

13. **BASS:** Use this knob to set the bass volume.

14. **AUX IN:** 3.5 mm STEREO audio jack input for connecting external audio media devices, such

    as MP3 players.

15. **MASTER VOL:** Use this knob to set the main volume of the speaker.

16. **LINE OUT:** XLR output sends the mix of all input signals to another powered loudspeaker or

    powered subwoofer.

17. **SPEAKER OUT:** Use it to connect another passive speaker.

18. **POWER:** ON/Off power switch.

19. **AC INPUT:** Use it to connect the AC power cord.

Remote Control Function
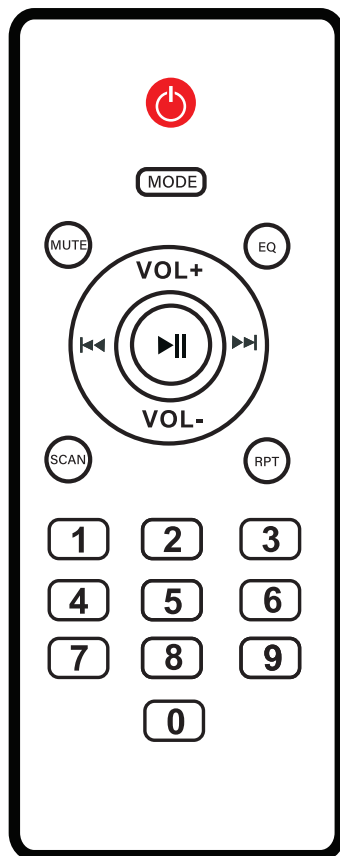
Press the power button to put the speaker into sleep. Note: Sleep mode is not off. To turn off, switch the power switch on the back.

MODE   Select an input mode,BLUE/FM/USB.

MUTE   Press this button to mute the speaker.

EQ   Press this button to select from 5 preset EQs: POP, CLASSIC, JAZZ, COUNTRY and ROCK.

⏮ ⏭   Press these button to jump previous/next track or FM channel.
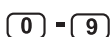
VOL+ VOL-   Press these button to increase/decrease the volume level.

▶II   Press once to play or pause a track(BLUE/USB mode), press once to search radio stations and they can be saved automatically(FM mode).
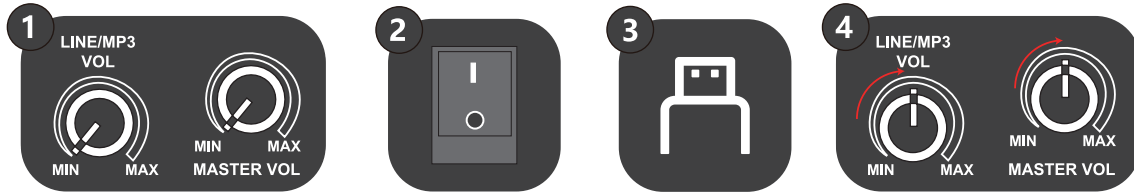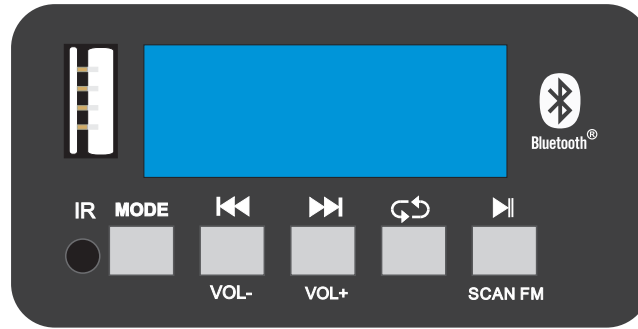
RPT   Press this button to Repeat all/ Repeat one/Random/Folder Repeat all.(USB ONLY)

0 - 9   Press this number buttons to select the MP3 files.

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USB Instruction

1. Turn the **LINE/MP3 VOL** and **MASTER VOL** knob to min level.

2. Turn on the power.

3. Insert USB memory storage device.

4. Turn the **LINE/MP3 VOL** and **MASTER VOL** knob to a suitable level respectively.

BLUETOOTH Instruction

NOTE: Press and hold for 5s to reset the Bluetooth.

1. Turn the **VOLUME** and **MASTER VOL** knob to min level.

2. Turn on the power.

3. Press **MODE** button select BLUETOOTH mode. The display will show BLUE.

4. Connect the speaker with bluetooth device such as pad, smartphone or laptop.

5. Turn the **LINE/MP3 VOL** and **MASTER VOL** knob to a suitable level respectively.

MIC Instruction

1. Turn the **VOLUME** and **MASTER VOL** knob to min level.

2. Turn on the power.

3. When using a microphone, **VOLUME** knob follow the **inner/Mic** level band indicator. Insert the microphone or instrument audio source with ¼ inch TRS or XLR connectors.

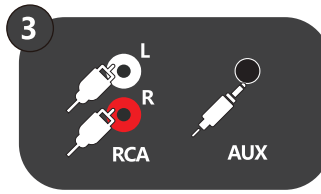4. Turn the **VOLUME** and **MASTER VOL** knob to a suitable level respectively.

IMPORTANT: If you are using an instrument with active preamp, treat the instrument as a line-in audio source.

LINE Instruction

1. Turn the **VOLUME** and **MASTER VOL** knob to min level.

2. Turn on the power.

3. When using a line-in audio source such as mixer, CD/MP3 player or audio preamp, **VOLUME** knob must follow the **outer/Line** level band indicator. Do **not** turn the knob pass 12 o'clock position.

4. Connect your audio source and speaker through ¼ inch TRS or XLR connectors.

5. Turn the **VOLUME** and **MASTER VOL** knob to a suitable level respectively.

STEREO LINE IN Instruction
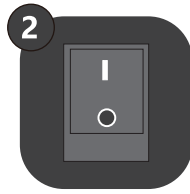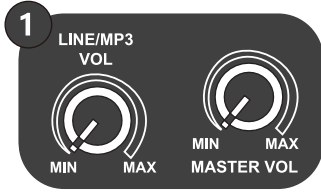
1. Turn the **VOLUME** and **MASTER VOL** knob to min level.

2. Turn on the power.

3. Connect your audio source and speaker through RCA or AUX(3.5mm) connectors.

Since our RCA input is true stereo, using only one RCA jack will cause only one speaker to work: the

white RCA controls the passive speaker, and red RCA controls the active speaker.

4. Turn the **LINE/MP3 VOL** and **MASTER VOL** knob to a suitable level respectively.

Troubleshooting and Resolution Guide

Symptom	Diagnostic Steps	Solutions
Unilateral Audio Loss	1. Check physical connection between active speaker's SPEAKER OUT and passive speaker 2. Swap left/right RCA input cables to test channels 3. Test signal path using 3.5mm/AUX cable 4. Verify with different audio sources in Bluetooth mode	• If issue follows cable: Replace with shielded RCA cable (Recommend 16AWG) • Persistent unilateral silence on main speaker: Reboot amplifier module (Power off, wait 30 s, then power on) • Passive speaker remains silent: Inspect SPEAKER CABLE.
Persistent Noise/Hum	1. Check oxidation on RCA/XLR metal contacts 2. Disable 2.4GHz interference sources (phones/WiFi) 3. Compare noise levels between wired/wireless modes 4. Verify proper power grounding (3-prong US standard power cord)	• Clean oxidized contacts with DeoxIT D5 • Add ferrite cores to RCA cables (e.g., JSAUX Ferrite Core) • Switch to balanced XLR connection (20dB noise rejection advantage)
Bluetooth Disconnection	1. Confirm device proximity ≤10 meters (32.8 ft) without obstructions 2. Check strong interferers (microwaves/wireless cameras) 3.Reset Bluetooth module (press and hold ↺ for 5s)	• Disable "Power Saving Mode" on Android/iOS devices
Low-Frequency Feedback	1. Maintain ≥2 meters (6.5 ft) between microphones and speakers 2. Reduce **VOLUME** knob (recommend 12 o'clock position) 3. Mute unused input channels	• Use cardioid-pattern mics (e.g., Shure SM58)

Professional-Grade Recommendations

Ground Loop Elimination	• Insert ART CleanBox II isolator between RCA connections in multi-device setups.
Impedance Verification	• Measure passive speaker impedance with multimeter (stable 4Ω ±10% required)

SPECIFICATIONS

	IMPACT 8	IMPACT 10
Frequency range (-6dB)	50-20KHz	45-20KHz
sound pressure@ 1m	95dB	97dB
Components LF/MF	8'' subwoofer	10'' subwoofer
Components HF	1'' titanium	1'' titanium
Power	2*100W RMS 400W PEAK	2*100W RMS 500W PEAK
Connectors	¼ inch TRS, XLR, RCA, 3.5mm	
Bluetooth	V5.0	
Operating voltage	100v/240v-50Hz/60Hz	

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

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.

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

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

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Contact Us

Visit our website : www.audioproreck.com
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