



User Manual
ABS Molded Powered Speaker System
MODEL: Spark8 ;Spark8UNeon ;Spark8GNeon
QUESTIONS / COMMENTS CALL 888-842-6277
or email info@tpro.com

WARNING!

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER ON THIS SPEAKER. THERE ARE NO USER-SERVICEABLE PARTS INSIDE. REFER ALL SERVICING TO A QUALIFIED TECHNICIAN



The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of "dangerous" voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to humans. Users should exhibit extra safety when this symbol appears in this instruction manual and follow all precautions as they are stated.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in this manual.

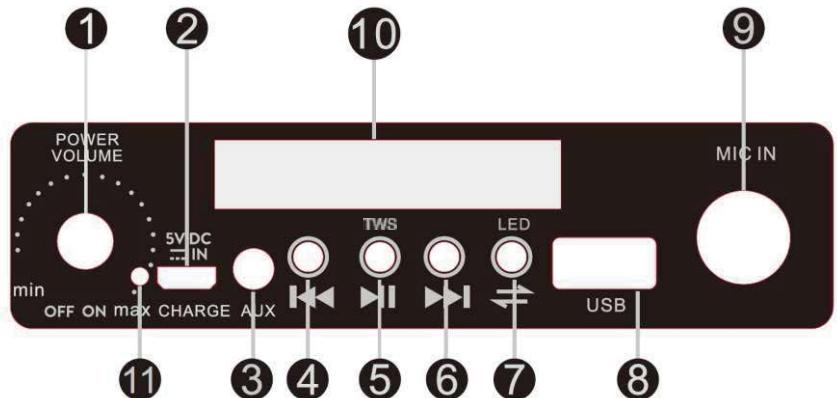
- 1- Read these instructions thoroughly before using this item.
- 2- Keep these instructions for future reference.
- 3- Heed all warnings.
- 4- Follow all instructions.
- 5- **WARNING:** To prevent fire or electric shock, do not expose this equipment to rain or moisture. Do not store or operate this product near any liquids.
- 6- Clean only with a dry cloth.
- 7- Do not store or operate this product near any heat sources such as radiators, heat registers, stoves, or other apparatuses (including amplifiers) that produce heat.
- 8- Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding plug has two blades and a round grounding prong. The wide blade or third prong is provided for your safety. If the provided plug does not fit your outlet, consult an electrician for the replacement of the obsolete outlet.
- 9- Protect the all wires connected to this unit from being walked on or pinched, particularly plugs and the point where they exit from the unit. When removing the cord from the power outlet, remove it by holding the plug not by pulling the cord.
- 10- Unplug the unit during lightning storms or when unused for long periods of time.
- 11- When wiring this unit and all other equipment used in connection to this unit make sure that all of your equipment is turned OFF.
- 12- Once installation and wiring is complete power on all your equipment with the volume and level controls turned DOWN. Once all the equipment is ON slowly raise the volume or level controls to their proper positions.
- 13- When grounding this unit, be sure to do so correctly, so as not to defeat the built-in grounding in this unit.
- 14- Before placing, installing, rigging, or suspending any product, inspect all hardware, suspension, cabinets, transducers, brackets and associated equipment for damage. Any missing, corroded, deformed, or non-load rated component could significantly reduce the strength of the installation, placement or array. Any such condition severely reduces the safety of the installation and should be immediately corrected. Use only hardware which is rated for the loading conditions of the installation and any possible short-term, unexpected overloading. Never exceed the rating of the hardware or equipment.
- 15- Consult a licensed, Professional Engineer regarding physical equipment installation. Ensure that all local, state and national regulations regarding the safety and operation of equipment are understood and adhered to.
- 16- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Introduction

Congratulations and thank you for your purchase of this Technical Pro professional powered speaker. To get the most from your speaker, it is recommended that you review all of the information provided in this instruction manual before operating this equipment.

If you've spent any time at all in professional audio, you know the name Technical Pro and what it stands for — incredible performance & sound, and the ultimate in reliability under harsh conditions. And now, Technical Pro offers the same technology in a series of powered loudspeaker systems bringing more of what sets Technical Pro apart from all others.

Spark8 Control Panel:



1. **POWER / Master Volume Knob:** Use this knob to power on the speaker and to adjust the volume.
2. **Power Supply:** Connect the 5VDC power cord here. The power button should be set to the off position before the power supply is connected.
3. **AUX Input:** Connect your MP3 player here using the 1/8" input. Be sure the Input selector button is set to AUX/LINE IN when using this unit.
4. **Previous Track:** When in USB & Bluetooth Mode, press this button to go to the previous track. When playing from the FM tuner, press this button to go to the previous stored station.
5. **Play/Pause / FM AUTO SCAN / TWS:** Press this button to pause the signal from the USB flash drive, TF Card or Bluetooth Inputs.
- When using the FM tuner, press this button to initiate FM auto scan. The unit will scan and save all available FM stations. Use the Next and Previous buttons to switch between the stored stations.
- TWS Mode –** Once a Bluetooth connection is made with this speaker, open the Bluetooth connection on another speaker. Then press and hold this button for 3 seconds to pair with the second speaker.
6. **Next Track / Next Station:** When in USB & Bluetooth Mode, press this button to go to the next track. When playing from the FM tuner, press this button to go to the next stored station.
7. **Mode Selector / Woofer LED:** Press this button to switch between the FM, USB, AUX and Bluetooth Inputs. Press and hold this button for 3 seconds to turn the woofer LED on or off.
8. **USB Flash Drive Input:** Insert your USB flash drive into this slot. The unit will only read .mp3 files from the USB flash drive. The maximum storage size of the USB flash drive cannot exceed 64GB. Do not attempt to connect a computer to the USB input as the speaker will not be able to connect to a computer.
9. **1/4" Microphone Input**
10. **USB Display Screen:** The elapsed time and format will appear on this display screen for the USB inputs.
11. **Charging LED Indicator:** When the battery is charging, this LED will illuminate. Then the battery is fully charged the LED will turn off.

Audio Input Connections

1/8" (AUX) Input

Connecting a Signal Source (DVD / MIXER / MP3)

The SPARK8 speaker has a 1/8" input jack on the front of the unit which is designed to receive the signal directly from your CD, mixer, MP3 player or any of your other sources. To ensure that you have correctly connected your CD player (other sound sources) to the unit, make sure that the CD player has a cable coming from its output and that this cable is plugged into the 1/8" Input on the front of the speaker.

The Mode selector (5) should be set to the AUX / LINE IN when using the 1/8" inputs.

When the Line Input selector is set to AUX / LINE IN the LCD Screen will NOT light up. This is normal.

Only the power indicator will light up.

NOTE: BE SURE NOT TO CONNECT AN AMPLIFIER OR ANY AMPLIFIER SIGNAL INTO THE XLR INPUT JACK. AS THIS COULD DAMAGE THE SPEAKER. NO OTHER AMPLIFIER IS NEEDED TO POWER YOUR SIGNAL IN ADDITION TO THE SPEAKER. ALWAYS MAKE SURE THAT THERE IS ONLY ONE AMPLIFIER IN THE SIGNAL PATH.

Connecting to the USB Flash Drive Input

There is an input jack for a USB flash drive on the front panel of powered speaker. Simply connect the USB flash drive to the input jack and use the input mode selector button and Mode button to choose the corresponding input. Be sure that the volume knobs on the powered speaker are turned down at first and then slowly raise the volume to prevent damage the speakers or any of your other equipment.

The Mode selector (7) should be set to the USB / BLUETOOTH IN when using those inputs.

When using the USB input the LCD Screen will light up and display information such as the track number, track title and elapsed time.

Connecting a Compatible Device

The SPARK8 is Bluetooth compatible. To connect a Bluetooth device (ie smart phone) to the powered speaker follow the steps listed below.

Be sure that the volume knobs on the powered speaker are turned down at first and then slowly raise the volume to prevent damage the speakers or any of your other equipment.

The Mode selector (7) should be set to the USB / BLUETOOTH IN when using those inputs.

When a Bluetooth device has successfully paired with the SPARK8 the LCD Screen will illuminate.

Press the MODE button (7) to switch between the USB and Bluetooth Inputs.

Open the Bluetooth connections on your Bluetooth device and search for Bluetooth Devices.

Locate "TPRO-SPAKR8" and connect to this device. If required, enter password 0000 (4 zeroes).

If you have successfully paired to the speaker the display screen will show "Bluetooth PAUSE"

Pairing a Second Speaker to the SPARK8 via TWS

After the BOOM8 has been paired to a Bluetooth device follow the steps below to connect a second speaker.

1. Power on the First SPARK8 speaker and connect it to a Bluetooth device
2. Power on the Second SPARK8 speaker and set the input to Bluetooth (Do not pair any devices)
3. On the rear of the First SPARK8 Speaker, press and hold the PLAY/PAUSE/SCAN/TWS button for 3 seconds. This will connect the two BOOM8 speakers
4. Play audio from the Bluetooth device. The Audio sound be transmitted through both speakers.

Playing Audio from the USB / Bluetooth Inputs

When playing audio from the USB / Bluetooth inputs press use the play/pause, previous and next track buttons to control the audio. When using the Bluetooth inputs you will also be able to control these features from the Bluetooth device.

Press the Previous Track button to move to the previous track when using the USB & Bluetooth inputs

Press the Next Track button to move to the next track when using the USB, & Bluetooth inputs

Playing Audio from the FM Tuner

To play audio from the FM tuner, follow the steps below:

1. Set the Input to FM Tuner
2. Press the SCAN button. The unit will begin to automatically scan for all available stations and save each station with a strong enough signal.
3. Once the scan is complete press the previous / next station buttons to choose between the stored stations.

The Bluetooth word mark and logos are registered trademarks owned by SIG, Inc. and any use of such marks by Technical Pro is under license. Other trademarks and trade name are those of their respective owners.

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 UNDESIRABLE OPERATION.

Federal Communications Commission Requirements

The equipment has been tested and found to comply with the limits for 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 instruction, may cause harmful interference to radio communication. 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.

THE CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

FCC Radiation Exposure Statement

The equipment complies with FCC radiation exposure limits set forth for uncontrolled equipment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65. The equipment has very low levels of RF energy that it is deemed to comply without testing of specific absorption ratio (SAR).