

PRORECK SP-18X

PRORECK SP-18X Active Powered PA DJ Subwoofer Cabinet

INSTRUCTION MANUAL

Model: SP-18X | Brand: PRORECK

1. Introduction

Thank you for choosing the PRORECK SP-18X Active Powered PA DJ Subwoofer Cabinet. This powerful 18-inch subwoofer is designed to provide robust sound and bass reinforcement for various applications, including parties, DJ gigs, weddings, meetings, and concerts. Featuring a Class-D amplifier and multiple DSP presets, the SP-18X delivers clear, deep, and thrilling stereo sound. This manual provides essential information for safe and effective use of your new subwoofer.

2. Safety Information

- Always connect the subwoofer to a grounded power outlet.
- Do not expose the unit to rain or moisture.
- Ensure proper ventilation to prevent overheating.
- Avoid placing the subwoofer in direct sunlight or near heat sources.
- Do not attempt to service the unit yourself. Refer all servicing to qualified personnel.
- Use only specified power cords and accessories.

3. Package Contents

- 1 x PRORECK SP-18X Active Powered PA DJ Subwoofer Cabinet

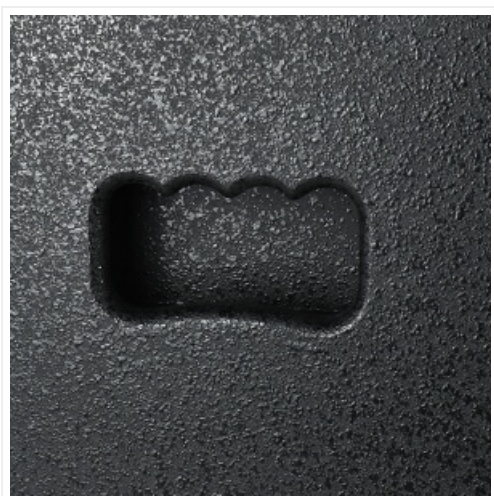
4. Product Overview



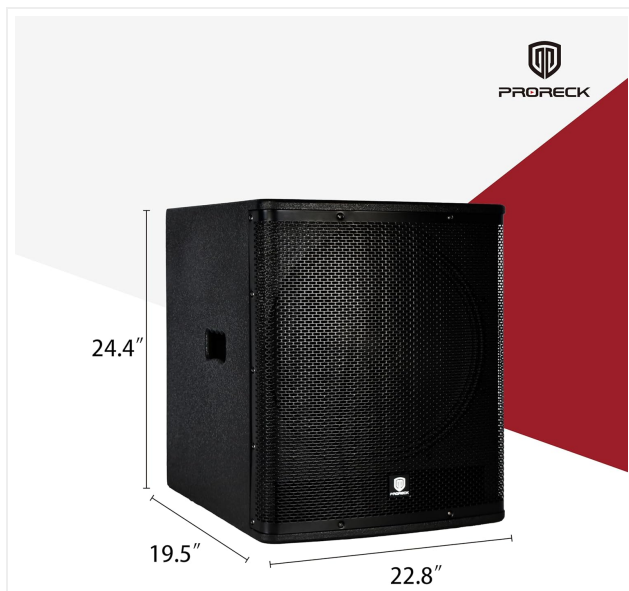
Front and side view of the PRORECK SP-18X Subwoofer, showcasing its robust grille and cabinet design.



Detailed view of the rear control panel, including inputs, outputs, and various settings.



Integrated side handle for convenient transport and portability.



Product dimensions: 26"D x 27.5"W x 23"H, illustrating its compact yet powerful design.

5. Setup

1. **Placement:** Position the subwoofer on a stable, flat surface. For optimal bass response, consider placing it in a corner or near a wall. Ensure adequate space around the unit for ventilation. The top of the subwoofer features a pole mount for attaching a full-range speaker.
2. **Power Connection:** Connect the provided power cable to the AC INPUT on the rear panel and then to a suitable grounded power outlet (110V/60Hz). Ensure the ON/OFF switch is in the 'OFF' position before connecting.
3. **Audio Input:** Use XLR cables to connect your mixer, amplifier, or DJ equipment to the XLR INPUT jacks on the subwoofer's rear panel.
4. **Audio Output (Optional):** If connecting to additional powered speakers, use XLR cables from the XLR OUTPUT jacks on the subwoofer to the inputs of your other speakers. The subwoofer features an electronic crossover from 35Hz to 120Hz, with XLR high pass output from 120Hz to 20KHz.

6. Operating Instructions

Rear Panel Controls:

- **XLR Input:** Balanced XLR input for connecting signals from mixers or other amplifiers.
- **XLR Output:** Balanced signal output for connection to another amplified system.
- **High Pass/Full Range Selector:** This switch controls the output serial cut-off selector. When the button is pressed in, the output is High Pass (120Hz to 20KHz). When the button is out, the output is Full Range. This signal is sent to the Mid-High active speaker.
- **Power Indicator:** Green LED indicates the unit is powered on.
- **Signal Indicator:** Green LED indicates the presence of an input signal.
- **Limit Indicator:** Red LED indicates that the input signal is too high, which may distort the output sound or damage the unit. Adjust input volume to prevent this light from consistently illuminating.
- **Volume:** This knob allows you to increase or decrease the overall volume level of the subwoofer.
- **Phase:** Selects phase (normal or REV 180°).
- **DSP Presets:** Enables users to enjoy 3 types of sound features:
 - **Monitor:** Used for recorded music playback applications.
 - **DJ Live:** Used for DJ or dance music.

- **Live:** Used for live sound applications.
- **ON/OFF Switch:** Turns the unit on and off.

Basic Operation:

1. After connecting all cables, turn the subwoofer's volume knob to its minimum setting.
2. Flip the ON/OFF switch to the 'ON' position. The Power Indicator LED should illuminate green.
3. Start playing audio from your source (mixer, etc.).
4. Slowly increase the subwoofer's volume to your desired level. Observe the Signal and Limit indicators. The Signal light should flicker with audio presence. If the Limit light illuminates frequently or stays on, reduce the input signal level from your source or the subwoofer's volume to prevent distortion and potential damage.
5. Experiment with the DSP Presets (Monitor, DJ Live, Live) to find the optimal sound profile for your specific application.
6. Adjust the Phase switch if you experience phase cancellation with other speakers in your system, which can result in reduced bass response.

7. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the subwoofer. Do not use abrasive cleaners, waxes, or solvents.
- **Storage:** When not in use for extended periods, store the subwoofer in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Cabinet Material:** The super solid housing is made of plywood, which is designed to reduce resonance and provide better sound quality compared to plastic speakers.

8. Troubleshooting

- **No Sound:**
 - Ensure the power cable is securely connected and the unit is powered on.
 - Check all audio cables (XLR) for secure connections at both the subwoofer and the source device.
 - Verify the volume knob on the subwoofer is not at its minimum setting.
 - Confirm the audio source (mixer, amplifier) is sending a signal and its volume is adequate.
- **Distorted Sound / Limit Light On:**
 - The Limit LED indicates that the input signal is too strong. Reduce the output volume from your audio source (mixer, amplifier) or lower the subwoofer's volume knob until the Limit light no longer illuminates consistently.
 - Ensure the High Pass/Full Range Selector is set appropriately for your system configuration.
- **Weak Bass / Lack of Punch:**
 - Check the Phase switch. Try toggling it to the opposite setting (REV 180°) to see if it improves bass response, especially when used with other speakers.
 - Adjust the DSP Presets to find a setting that provides the desired bass characteristics for your content.
 - Review subwoofer placement. Moving it closer to a wall or corner can sometimes enhance bass.

9. Specifications

Feature	Specification
Brand	PRORECK

Model Name	SP-18X
Speaker Type	Subwoofer
Speaker Maximum Output Power	3000 Watts (Peak)
Woofer Diameter	18 Inches
Amplifier Type	Class-D (Built-in)
Electronic Crossover	35Hz to 120Hz
XLR High Pass Output	120Hz to 20KHz
DSP Presets	3 (Monitor, DJ Live, Live)
Connectivity Technology	XLR
Product Dimensions (D x W x H)	26" x 27.5" x 23"
Item Weight	86.5 Pounds
Material	Plywood
Power Source	Corded Electric

10. Warranty and Support

The PRORECK SP-18X Subwoofer comes with a limited warranty. For detailed warranty information, product support, or technical assistance, please refer to the warranty card included with your product or visit the official PRORECK website. You may also contact PRORECK customer service directly for any inquiries.