

### P-Cab™ Speakers

# PCS-12X

## Two-Way Powered Speakers

Powerful 2-way active speakers with superior performance, state-of-the-art versatile design, unprecedented affordability — perfect for all small venue applications.

### **Congratulations!**

You have just purchased one of the finest powered speakers on the market today. The P-Cab™ Series was developed using the expertise of professional sound engineers and working musicians. You will find your new NADY AUDIO P-Cab™ Series powered speaker has superior performance and greater flexibility than any other powered speaker in its price range.

We recommend that you read this instruction sheet carefully to get the most out of your new unit. Thanks for selecting Nady Audio and our PCS-12X as your choice in powered speakers.

## FEATURES AND SPECIFICATIONS

- Full-range, two-way powered speaker
- 12" woofer
- 360W peak (180W RMS)
- Titanium compression horn
- Durable yet lightweight molded high-impact, mineral-loaded polypropylene trapezoid speaker enclosures, designed to deflect bumps and scrapes and perfectly balanced for ease of portability and set-up; built-in handles for carrying
- Ultimate flexible design-flyable, stackable, pole mountable, or can be used as a floor monitor when laid on its side with supplied brace mounts
- Easy to use built-in 3 channel mixer with XLR and 1/4" balanced Mic/Line inputs; Gain, Treble, Mid, and Bass EQ's; Channel and Master Level controls; and amp Clipping LED
- Full top-end speaker features, including low impedance electronically compensated crossover (1/36 octave, 1500Hz) with full driver protection (pre-circuit limiter; wide-angle, short throw, high-frequency dispersion horn (90°H x 60°V) with 1" diameter precision titanium compression driver, 20Hz - 20KHz frequency range, and high SPL output capability
- Optional padded zippered vinyl carrying case available
- Frequency Response: 40Hz-17KHz
- Compact sizing for ease of portability: 14.17" x 16.54" x 25.79"
- Lightweight: 35lbs

## WARNINGS IMPORTANT SAFETY INSTRUCTIONS

When using this speaker, basic precautions should always be taken, including the following:

- Read all instructions before using the product.
- This product may be capable of producing sound levels that could cause permanent hearing loss. Do not operate for a long period of time at a high volume level or at a level that is uncomfortable. If you experience any hearing loss or ringing in the ears, you should consult an audiologist.
- To avoid damage to the drivers, never overload the speaker.
- To avoid the risk of fire, do not ever expose the speaker to a source of naked flames. Also, it should be located away from heat sources such as radiators, heat vents, or other devices (including amplifiers) that produce heat.
- The product should be positioned so that proper ventilation is maintained.
- This speaker is designed for indoor use only. Do not expose to weather or high humidity, rain, etc.
- Care should be taken so that objects do not fall into, and liquids are not spilled through, the enclosure's openings. Do not place containers of liquids on the speaker.
- The product should be connected to a power supply only of the type described in the operating instructions or as marked on the product. Replace the fuse only with one of the specified type, size, and correct rating.
- The power supply cord should: (1) be undamaged, (2) never share an outlet or extension cord with other devices so that the outlet's or extension cord's power rating is exceeded, and (3) never be left plugged into the outlet when not being used for a long period of time.
- Don't place any heavy appliance or object on the speaker enclosure.
- This product should be serviced by qualified service personnel if:
  - A. Objects have fallen into, or liquid has been spilled onto the product.
  - B. The product has been exposed to rain.
  - C. The product does not appear to operate normally or exhibits a marked change in performance.
  - D. The product has been dropped, or the enclosure damaged.
- Do not attempt to service this unit. All servicing should be referred to qualified service personnel.

# OPERATION TECHNICAL DATA

- (1) POWER ON/OFF SWITCH w/ internal LED
- (2) AC POWER CORD IEC CONNECTOR w/ internal fuse holder

Connects to the AC power cable.  
 Fuse: 115VAC ~ 2A 250V 20mm glass tube  
 230VAC ~ 1A 250V 20mm glass tube

### (3) AC SELECTOR SWITCH

Before plugging in the power cord, check to see that this switch is set to the proper voltage for your area: ~115V (60Hz) or ~230V (50Hz).  
**Note: Units damaged due to powering up with the wrong voltage are not covered under warranty.**

### (4) INPUTS

Balanced XLR and unbalanced 1/4" & RCA inputs.

### (5) OUTPUT

XLR balanced output.

### (6) POWER/PEAK LED

LED lights red when the output signal is clipping. It is acceptable if the red LED lights occasionally. If the red LED lights more than occasionally, you should turn down the volume to avoid audible distortion and damage to the speaker. LED green light indicates the unit is on.

**Note: Speakers damaged due to clipping are not covered under warranty.**

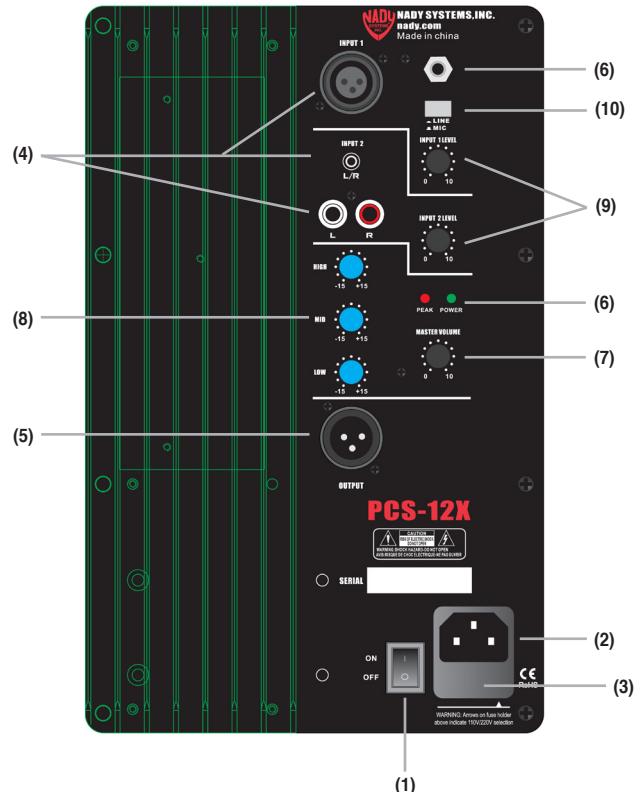
### (7) LEVEL CONTROL

This controls the master volume.

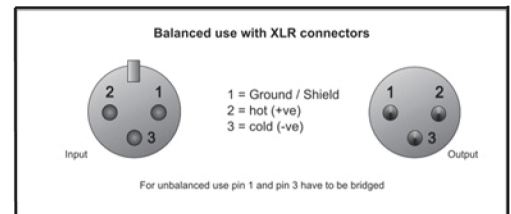
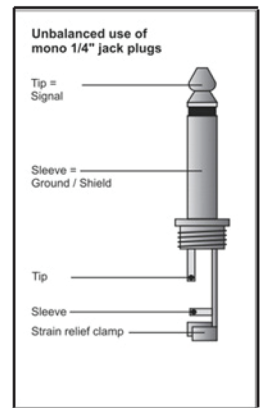
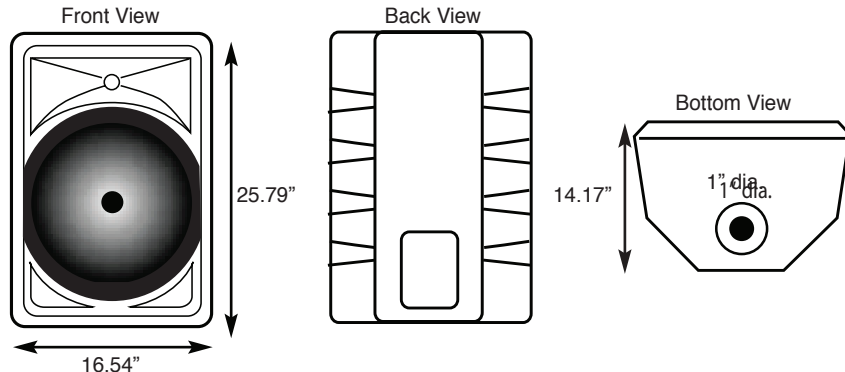
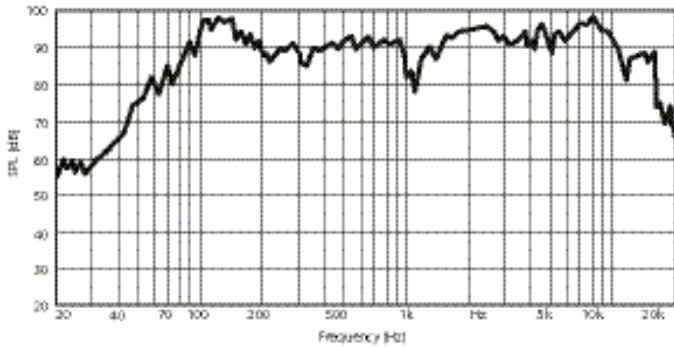
### (8) HIGH/MID/LOW EQ CONTROLS

### (9) INPUT LEVEL CONTROLS

### (10) MIC/LINE SWITCH



## FREQUENCY RESPONSE



## SERVICE FOR YOUR NADY AUDIO PRODUCT

**(U.S.)** Should your NADY AUDIO product require service, please contact the Nady Service Department via telephone at (510) 652-2411 or e-mail at [service@nady.com](mailto:service@nady.com)

**(International)** For service, please contact the NADY AUDIO distributor in your country through the dealer from whom you purchased this product.



NADY SYSTEMS, INC. • 6701 SHELLMOUND STREET, EMERYVILLE, CA 94608  
 Tel: 510.652.2411 • Fax: 510.652.5075 • [www.nady.com](http://www.nady.com)