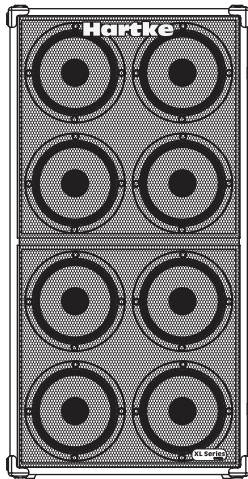


810XL



**8 x10" Stackable
Aluminum Drive Bass Enclosure**

Owners Manual

Hartke

**XL
Series**

810XL Introduction and Features

Congratulations on purchasing the 810XL bass enclosure by Hartke! The XL Series enclosures have been designed to provide excellent tone with a fast attack, deep low-end and punchy output. The 810XL Features eight 10", proprietary low frequency drivers with specially designed aluminum cones, large voice coils on Kapton formers, impregnated fabric surrounds, and matched convex dust covers all mounted in a heavy-duty steel frames. In order to reduce distortion caused by standing waves, and to increase the overall output level, the 810XL enclosure has been designed with four separate chambers, each housing two 10" drivers. Using heavy-duty plywood construction, covered in rugged carpet with recessed jack plate and ergonomic metal handles, the 810XL will provide reliable performance from gig to gig and venue to venue.

In these pages, you'll find a detailed description of the features of the 810XL, as well as a description of its front and rear panels, step-by-step instructions for its setup and use and full specifications. You'll also find a warranty card enclosed—please don't forget to fill it out and mail it in so that you can receive online technical support and so we can send you updated information about these and other Samson products in the future.

We recommend you record your serial number in the space provided below for future reference.

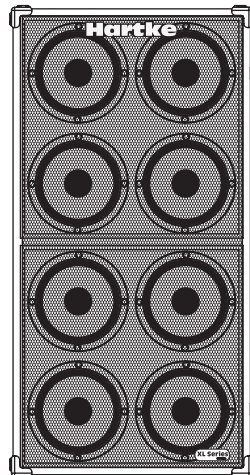
Serial number: _____

Date of purchase: _____

Should your unit ever require servicing, a Return Authorization number (RA) must be obtained before shipping your unit to Samson. Without this number, the unit will not be accepted. Please call Samson at 1-800-3SAMSON (1-800-372-6766) for a Return Authorization number prior to shipping your unit. Please retain the original packing materials and if possible, return the unit in the original carton and packing materials.

810XL Features

- 8 x 10 Inch heavy-duty, Aluminum, Low Frequency drivers
- 3/4" Plywood construction
- Four chamber, sealed enclosure
- Perforated metal speaker grill
- Recessed metal handles
- Stacking corners
- 1/4" Input jack
- Covered in durable carpet



Connecting the 810XL

About Impedance

Before you hook up your speaker cabinet, be sure that you understand a little about impedance. Impedance is the electronic load that the speaker puts on the power amplifier and is measured in Ohms.

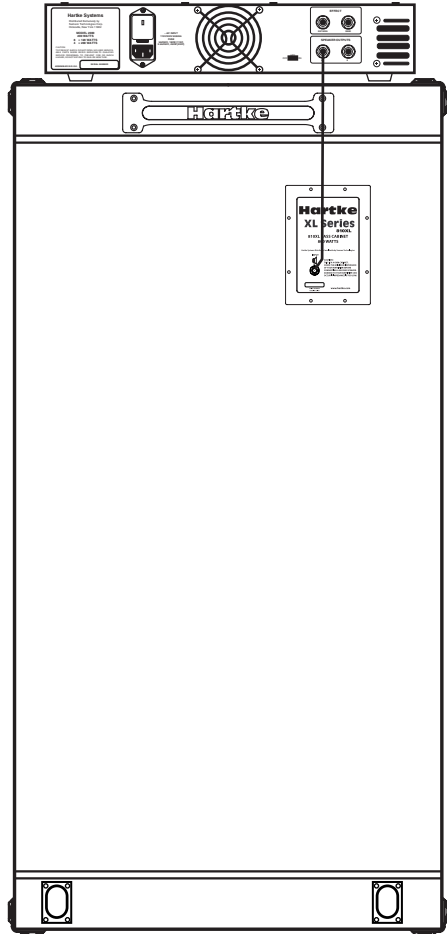
Here is the tricky, yet simple rule of impedance: When two speakers are wired in "Parallel" the total impedance is cut in half and when two speakers are wire in "Series" the total impedance is the sum of the speakers individual impedance.

The 810XL impedance is 4 Ohms. So, when two 810XL's are connected together in parallel, the total impedance is 2 Ohms. The impedance of your speaker also has an effect on your amplifier. In general, the lower the impedance, the more power your amplifier will put out.

IMPORTANT: There is a minimum safe impedance so be sure to check the manufacturer's recommended impedance for your amplifier to avoid any damage to your amplifier or voiding your warranty.

Connecting the 810XL to Your Amplifier

The 810XL connections are made via 1/4" phone jack located on the rear panel jack-plate. Be sure to make your connection with un-shielded speaker cable. Connect the Amplifier Output to the speaker Input on the 810XL's rear jackplate.



Specifications

Hartke 810XL Specifications

Type	Tuned, Sealed Enclosure
Impedance	4 Ohms
Power Handling	800 Watts RMS Power Handling
Drivers	8 - Hartke 10XL8 Special Design Aluminum 10", 8 ohm, 100 watt drive units
SPL	100dB @ 1W/1M
Frequency Response	40Hz - 5kHz
Input	1/4" Phone jack
Weight	145 lbs. (65.77 kg)
Dimensions	Height: 48" (121.92 cm) Width: 24" (60.96 cm) Depth: 16" (40.64 cm)

Hartke

Distributed Worldwide Exclusively by:
Samson Technologies Corp.
575 Underhill Blvd.
P.O. Box 9031
Syosset, NY 11791-9031
Phone: 1-800-3-SAMSON (1-800-372-6766)
Fax: 516-364-3888
www.samsontech.com