

INSTALLATION INSTRUCTIONS

XSS24100W

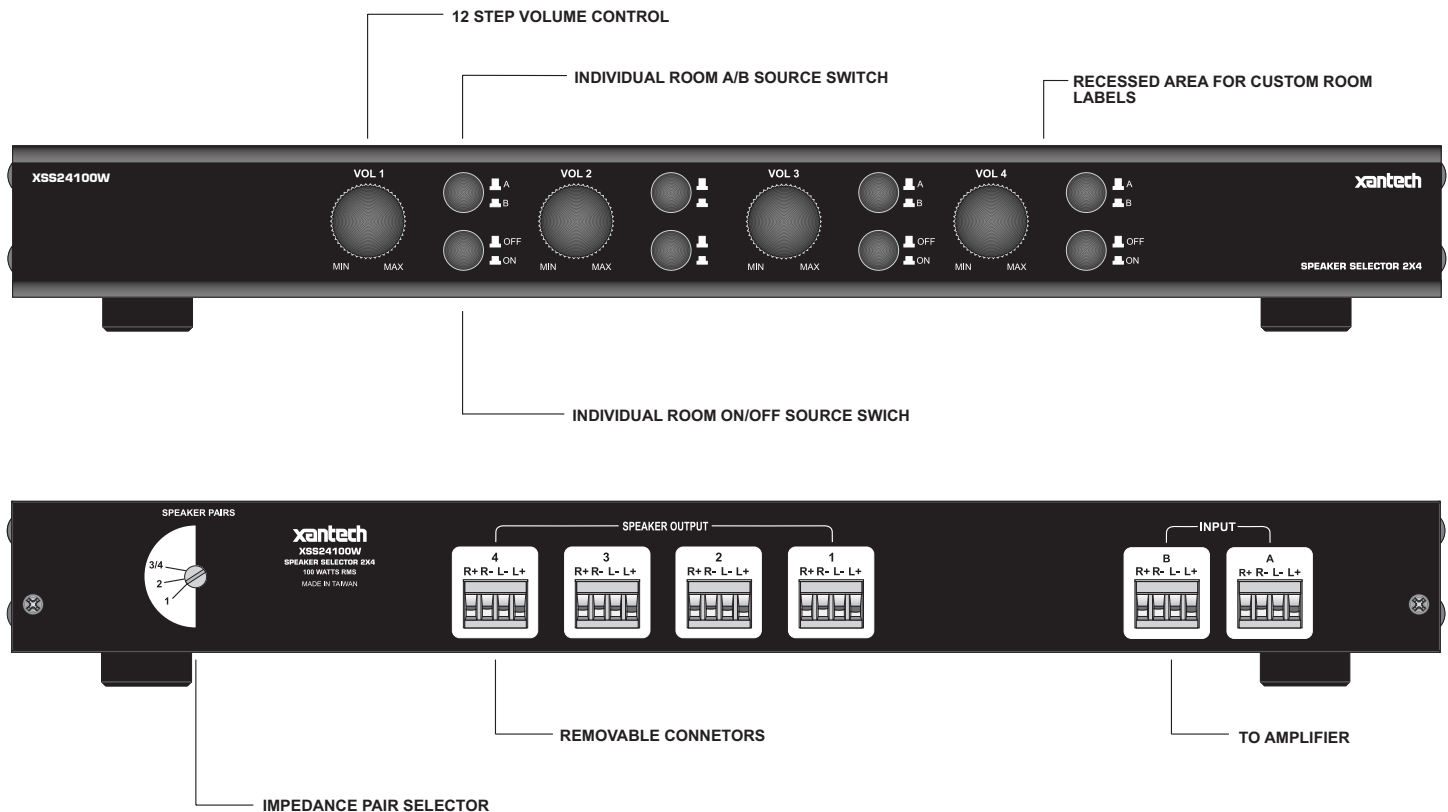
**100Watt, Speaker Selector Volume Control
A/B Source Selection
4 Stereo Speaker Channels**

DESCRIPTION

The XSS24100W provides an easy-to-use, easy-to-install, centralized speaker control unit. Premium components are used to provide high-quality acoustical speaker distribution and independent volume control. The XSS24100W requires no external power source.

SPECIFICATIONS

- Source input selectable, A or B switches.
- Dimensions: 17.5" W x 2.5" H x 6.25" L (with feet installed)
- Frequency response: 20Hz to 20kHz \pm 1dB
- Attenuation: 11 steps plus OFF.
- Adjustable impedance matching. 4- or 8-Ohm speaker compatible.
- Recessed area allows the use of custom labels or fine permanent markings.
- Removable screw terminal connectors used with 12 to 22 AWG wiring.
- Rack-mount ears and hardware included.



A/B SOURCE INPUT SELECTION

The XSS24100W provides the ability for two amplifiers to be connected and active at the same time. Each speaker output can select either an A or B source input independently.

ON/OFF OUTPUT SELECTION

The XSS24100W provides the ability for each speaker output to be turned ON or OFF independently. Though it is possible to also turn off a speaker output by turning the volume control to OFF, this feature allows the speaker output to maintain its previous set volume.

VOLUME CONTROL

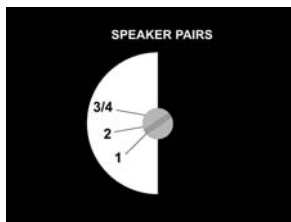
The XSS24100W provides a volume control with 11 steps of attenuation and an OFF position. Each speaker output can be independently controlled.

- Turning the volume knob clockwise will increase the volume.
- Turning the volume knob counter-clockwise will decrease the volume.

	→ → → CLOCKWISE DIRECTION (VOLUME UP) → → →											
KNOB POSITION	1	2	3	4	5	6	7	8	9	10	11	12
ATTENUATION	OFF	-42dB	-36dB	-30dB	-24dB	-18dB	-15dB	-12dB	-9dB	-6dB	-3dB	0

ADJUSTABLE IMPEDANCE MATCHING

Determine the number of speaker pairs that are to be installed on one speaker output. Then, set the speaker pair to that number.



INSTALLATION

- 1) Set adjustable impedance matching selector using a flat-head screwdriver. (see ADJUSTABLE IMPEDANCE MATCHING for more information).
- 2) Connect each pair of speakers to the desired speaker output. It is a good idea for each speaker output to be in the OFF position.
- 3) Connect the amplifier output to the either A or B input. Now set each volume control to the input that the amplifier was installed to. (see A/B SOURCE INPUT SELECTION for more information).
- 4) Set the amplifier or receiver to the lowest volume setting.
- 5) Set each volume control to the maximum volume setting (fully clockwise). Be sure each speaker output is in the ON position.
- 6) Slowly increase the amplifier or receiver volume level until you reach the maximum listening level desired.
- 7) Finally, lower the volume control level. Volume control setting is now complete.

LABEL INSTALLATION

- 1) Using the included labels, select the description that best matches your application.
- 2) Peel off the label and apply it to the XSS24100W. Be sure the surface is clean and dry.

Xantech Limited Warranty

(Effective for products sold after July 1, 2006)

Xantech Corporation ("Xantech") warrants to the holder of a valid proof of purchase as the first end-user purchaser ("You"), its products to be free from defects in materials and workmanship for the periods specified below from the date of purchase. This limited warranty extends only to You for product purchased and used in the United States of America. For product purchased outside of the United States of America, the terms of this warranty apply EXCEPT that You must contact the Xantech authorized distributor in your region for warranty services. Product is not intended for end user installation. If within the applicable warranty period above You discover such item was not as warranted above and You promptly notify Xantech in writing, Xantech shall repair or replace the items at its option. Xantech may elect which remedy or combination of remedies to provide in its sole discretion. Xantech may use functionally equivalent reconditioned/refurbished/pre-owned or new products or parts under this limited warranty. This warranty shall not apply (a) to product which shall have been installed by other than an authorized Xantech installer, (b) to installed product which is not installed to Xantech's specifications, (c) to product which shall have been repaired or altered by others than Xantech, (d) to charges for installation or set up or adjustment of customer controls, (e) to product that has suffered normal cosmetic deterioration (f) to product which shall have been subjected to negligence, misuse, abuse, accident, or damage by circumstances beyond Xantech's control, including, but not limited to, lightning, flood, electrical surge, tornado, earthquake, or any other catastrophic events beyond Xantech's control, or (g) to product which shall have been subjected to improper operation, connected equipment failure or malfunction, inadequate packing or shipping damage, maintenance or storage, or to other than normal use of service. The foregoing warranties do not cover reimbursement for labor, transportation, shipping, removal, installation, or other expenses which may be incurred in connection with repair or replacement. All claims for product shipping damage must be processed within 3 days of receipt by You.

A Xantech Return Authorization (RA) must be obtained from Xantech by You, your installer or your distributor for Product covered under this warranty. Covered product must be sent to Xantech together with proof of purchase, RA number, prepaid and insured to Xantech. Freight collect shipments will be refused. Risk of loss or damage in transit is borne by the sender. Xantech's warranty does not cover Products which have been received improperly packaged, altered, or physically damaged. Products will be inspected upon receipt.

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XANTECH PRODUCT (go to Xantech.com/warranty for model numbers)	WARRANTY DURATION
IR Receivers and IR Emitters	Limited Lifetime
A/V distribution and Control	Limited Lifetime
Remote Control Switchers	Limited Lifetime
Modules and Connecting Blocks	Limited Lifetime
Accessories	Limited Lifetime
Speakers	Limited Lifetime
Volume Controls and Speaker Selectors	5 year Limited
MRC, BX, ZPR and Commercial Products	2 year Limited
Amplifiers	2 year Limited
Control Interfaces	2 year Limited
Hand Held Remote Controls	1 year Limited
SPLCD Product	1 year Limited
Source Components	1 year Limited