



Caution: Disconnect power to the controller until all connections have been made and verified.

Installation

Position the SA-ZX3 near the controller and source equipment. For clean installations, use an RJ45 wall plate (optional) near the SA-ZX3, and then wire from the wall plate to the keypad.

Connections

The SA-ZX3 connects to the controller's keypad port with an RJ45 CAT-5 patch cable. The Keypad Ports are located on the back of the controller.

Attach one end of an RJ45 CAT-5 patch cable to the controller's Keypad Port, and the other end to the SA-ZX3 Controller Keypad Port.

Use an RJ45 CAT-5 patch cable between each SA-ZX3 Keypad Port and an RJ45 wall plate. Determine the length of CAT-5 needed to run between the wall plate and the room where the keypad is located. Terminate the CAT-5 as instructed at the wall plate using T568A standard. At the keypad end, terminate the CAT-5 using the 110 punchdown connection on the back of the keypad.

Configuration

All keypads sharing an SA-ZX3 control the same zone. If an UNO-TS2 Touchscreen shares an SA-ZX3 with an UNO-S1 or UNO-S2, the touchscreen must be configured for the same zone. See the UNO-TS2 Instruction Manual for details.

Power Supply

Each SA-ZX3 requires its own power supply. The 1201A power supply provides 12VDC 1A to power the SA-ZX3 and attached keypads. The 1201A must be plugged into an AC outlet after installation. When the SA-ZX3 is powered, the red Power LED will be illuminated.

Operation

The SA-ZX3 passes all controller Keypad Port communications to the attached keypads at the SA-ZX3 Keypad Ports. This expands the one controller Keypad Port to allow same room control from up to three keypads. The keypads are operated manually or by using the optional system remote control.

Limited Warranty

The Russound SA-ZX3 is fully guaranteed for two (2) years from the date of purchase against all defects in materials and workmanship. During this period Russound will replace any defective parts and correct any defect in workmanship without charge for either parts or labor. For this warranty to apply, the unit must be installed and used according to its written instructions.

If service is necessary, it must be performed by Russound. The unit must be returned to Russound at the owner's expense and with prior written permission. Accidental damage and shipping damage are not considered defects under the terms of the warranty. Russound assumes no responsibility for defects resulting from abuse or servicing performed by an agency or person not specifically authorized in writing by Russound.

Damage to or destruction of components due to improper use voids the warranty. In these cases the repair will be made at the owner's expense.

To return for repairs, the unit must be shipped to Russound at the owner's expense, along with a note explaining the nature of the service required. Be sure to pack in a corrugated container with at least 3 inches of resilient material to protect the unit from damage in transit.

Russound products are sold only through authorized Dealers and Distributors to ensure that customers obtain proper support and service. Any Russound product purchased from an unauthorized dealer or other source, including retailers, mail order sellers and online sellers will not be honored or serviced under existing Russound warranty policy. Any sale of products by an unauthorized source or other manner not authorized by Russound shall void the warranty on the applicable product.



5 Forbes Rd. Newmarket, NH 03857, USA
Tel 603.659.5170 • Fax 603.659.5388
e-mail: tech@russound.com

Copyright © 2006 Russound® All rights reserved.
All trademarks are property of their respective owners.
Russound is not responsible for
typographical errors or omissions.
28-1248 Rev. 1 05/19/06



SA-ZX3 Keypad Splitter for Russound Controllers Instruction Manual

SA-ZX3 Overview

The SA-ZX3 Keypad Splitter is an RNET® or CA controller system accessory that converts one Keypad Port on a controller into connections for up to three keypads.

The SA-ZX3 can also be used to provide additional power when two or more UNO-TS2 Touchscreens are connected to a CAV6.6 or CAM6.6 controller.

The SA-ZX3 requires a 1A 12VDC power supply (P/N 1201A). The SA-ZX3 connects to the controller's keypad port with an RJ45 CAT-5 patch cable. The keypad connects to the SA-ZX3 with a CAT-5 110 punchdown on the keypad end and an RJ45 connection on the SA-ZX3 end.

All keypads sharing an SA-ZX3 control the same zone. If an UNO-TS2 Touchscreen shares an SA-ZX3 with an UNO-S1 or UNO-S2, the touchscreen must be configured for the same zone.

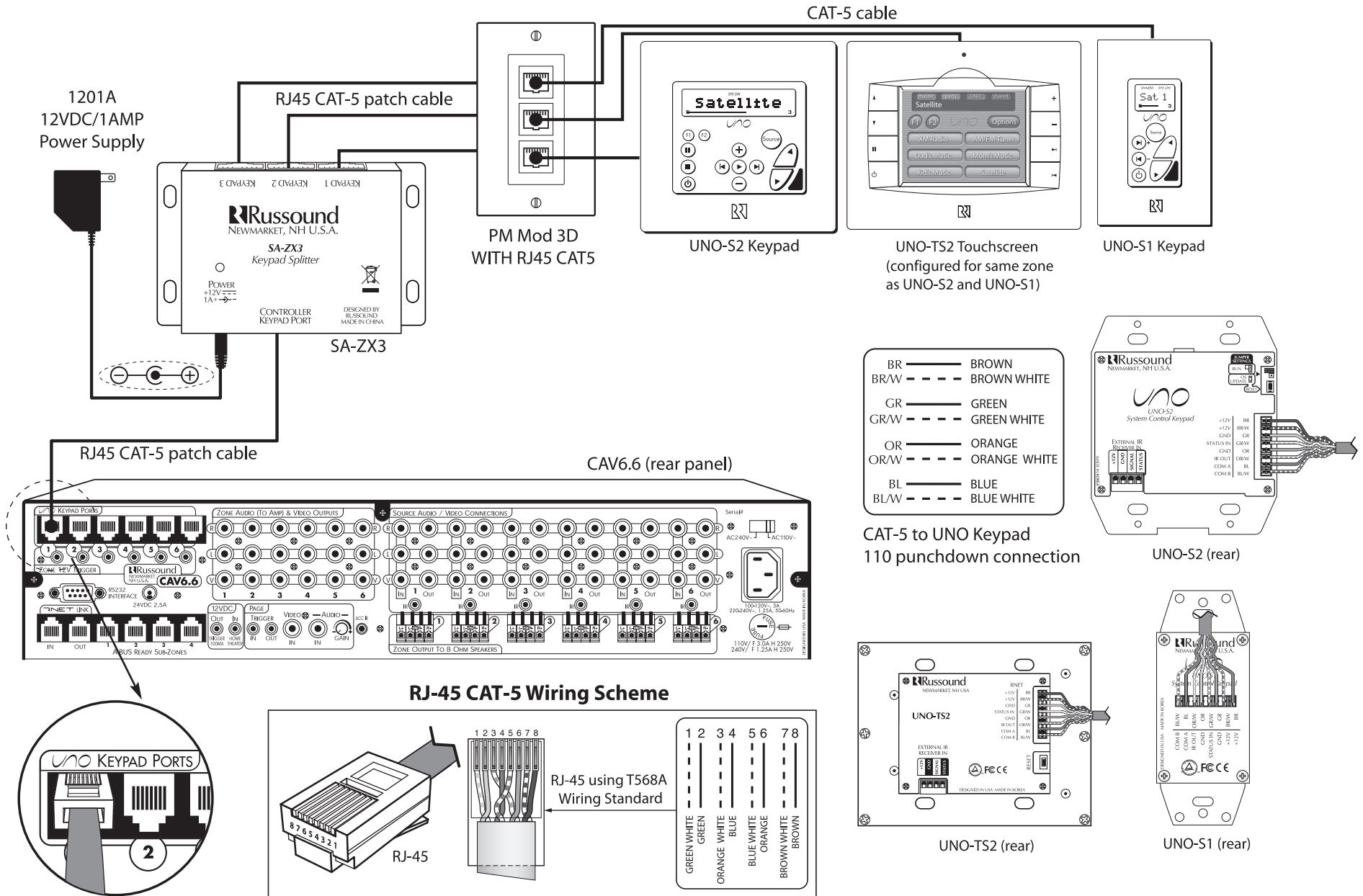
SA-ZX3 Features

- Three RJ45 keypad ports
- RNET controller keypad port
- Power receptacle with LED indicator
- Compact size for mounting near audio equipment

SA-ZX3 Specifications

Power Supply:	1201A 12VDC/1A
Keypad Connection:	RJ45 T568A Standard
Controller Connection:	RJ45 T568A Standard
Dimensions:	3.25" W x 1.875" H x 1.0" D (83 x 47 x 25mm)
Weight:	6 oz. (0.2 kg)

Sample connection diagram for SA-ZX3 using CAV6.6 controller and UNO keypads. Not drawn to scale.



⚠ Do not connect the controller's main power feed until all other connections have been made and verified. Live connection or removal of the keypad wiring or other wiring when the system is powered can cause communication problems in the network. Double-check terminations during each phase of the installation to prevent accidental damage. Incorrect wiring is the number one cause for non-warranty product damage. ⚠