





UNO-S1 Keypad Operation


Zone On/Off

Press and release  to turn on the UNO System Keypad. This also turns on the corresponding room, and any presets previously assigned will be activated, including settings for bass, volume, last source selected, etc. Press and release  to turn off the UNO System Keypad. This will also put the corresponding room into a standby state.




System All On/Off

An "All On" command is issued by pressing  and holding for 3 seconds, after an initial room has been turned on. An "All Off" command can be issued to all rooms by pressing and holding  after the room has been turned off.


System On Indicator

When the room is off, but the system is on in another room,  is illuminated by a green backlight and the "SYS ON" icon remains visible.



Source Select Button

 scrolls through the six source inputs and the Aux* source. To change sources, press and release . As the sources are sequentially selected, each source's name appears on the keypad LCD panel. When a source is selected in more than one room, the "SHARED" icon will appear on all UNO Keypads using that source.  is also used to enter the User Menu with a press and hold action.

Volume Up/Down Buttons


The room's audio output is adjusted using .






Command Keys

The command keys   allow control of the selected source at the UNO Keypad. The command keys are activated with a press and release, or press and hold to access secondary functions.

UNO-S1 User Menu











The User Menu allows the user to adjust the audio properties and control functions of a particular room.

To enter or exit the User Menu, press and hold  during normal operation. The following keys are used to navigate and make changes while using the User Menu:

-  Press and release to adjust feature setting (increment)
-  Press and release to adjust feature setting (decrement)
-  Go to next feature
-  Go to previous feature
-  Select or view current feature setting

UNO-S1 User Menu Features

The following features make up the User Menu:

Bass  Treb  Loud  Bal  OnVol  Bkgnd  DND 
 Party  FrtAV* 

Feature and Setting:

1. **Bass** -10 < Bass:Flat > +10
2. **Treb (Treble)** -10 < Treble:Flat > +10
3. **Loud (Loudness)** (more bass, fuller sound) On or Off
4. **Bal (Balance)** Left 10 < Center > Right 10
5. **OnVol (Turn on Volume)** (default room volume level) 0 to 100 (in steps of 2)
6. **Bkgnd (Background Color)** (keypad background light) Amber or Green or Off
7. **DND (Do Not Disturb)** - On or Off (default)

Do Not Disturb means do not disturb this room or selected source. This stops pages from being sent to this room, stops an "All Off," "All On" or Party Mode command from affecting this room. When another UNO Systems Keypad selects the same source, a DND message will repeatedly scroll on the LCD panel, alerting the user the source is in Do Not Disturb mode.

8. Party (Party Mode) - Master or Off

When in "PARTY MODE" the system is primarily controlled by a "MASTER" Keypad. Party Mode links all rooms to the same source which is selected by the Master Keypad room. Any keypad in the system can become a Master Keypad (if enabled) but only one Master Keypad may exist at a time in Party Mode. Selecting Master Keypad mode from another keypad will transfer Master Keypad control to that room and release it from the first. When the source selected in the Master Keypad room is changed then the source for all rooms changes as well. The keypad will repeatedly scroll a PARTY message on the LCD panel. It will repeatedly scroll a MASTR message in lieu of PARTY if Master is enabled.

Volume level changes at the Master Keypad will be reflected in all rooms in Party Mode. Non-Master zones in Party Mode can temporarily override Master Keypad volume level adjustments for their particular room preference. Master Keypad will not change Bass, Treble, or Loudness adjustments for any other rooms other than the Master Keypad room. Every other keypad will still operate its respective bass, treble, balance and loudness adjustments for that room.

9. FrtAV (Front A/V Aux In)* - Enabled/Disabled

Allows the system to select a seventh source option through a controller's front panel AUX connection for use with camcorders, game consoles, etc.

* Feature only available when UNO-S1 is used with the CAV6.6 controller

Technical Specifications

Dimensions: 1.875"W x 1.125"D x 4.3"H
(4.8 x 10.9 x 2.8 cm)
Fits 1 Gang UL/CSA Approved 18 ci
Junction Box

Weight: 5 oz. (141g)

Power Requirements: 12 VDC 150mA

CAT-5 Connection: 110 punchdown

Warranty Repair

The Russound UNO-S1 is fully guaranteed against all defects in materials and workmanship for two (2) years from the date of purchase. 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, nor is damage resulting from abuse or from servicing by an agency or person not specifically authorized in writing by Russound.

This Warranty does not cover: Damage caused by abuse, accident, misuse, negligence, or improper installation or operation; Power surges and lightning strikes; Normal wear and maintenance; Products that have been altered or modified; Any product whose identifying number, decal, serial number, etc. has been altered, defaced or removed.

Russound sells products 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.

Damage to or destruction of components due to application of excessive power voids the warranty on those parts. In these cases, repairs will be made on the basis of the retail value of the parts and labor. To return for repairs, the unit must be shipped to Russound at the owner's expense, along with a note explaining the nature of service required. Be sure to pack the unit in a corrugated container with at least three (3) inches of resilient material to protect the unit from damage in transit.

Before returning a unit for repair, call Russound at (603) 659-5170 for a Return Authorization number. Write this number on the shipping label and ship to: Russound, ATTN: Service, 5 Forbes Road, Newmarket, NH 03857

Due to continual efforts to improve product quality as new technology and techniques become available, Russound/FMP, Inc. reserves the right to revise system specifications without notice.

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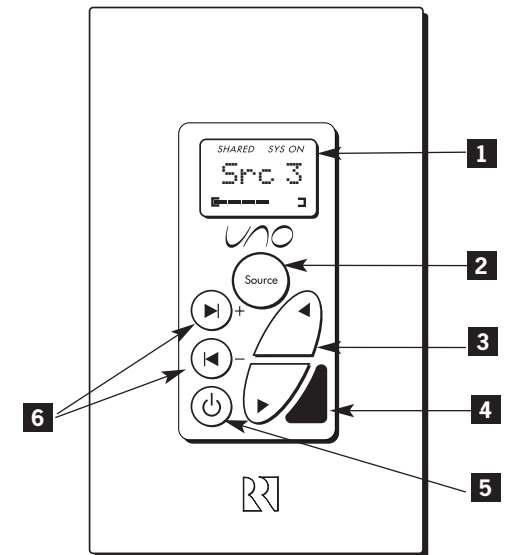
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UNO-S1

Smart Keypad

The UNO-S1 keypad is an in-wall single-gang keypad that is designed for individual room control of RNET-enabled distributed audio systems. It has a backlit LCD panel and soft-touch control buttons.

UNO-S1 Keypad-Front Panel

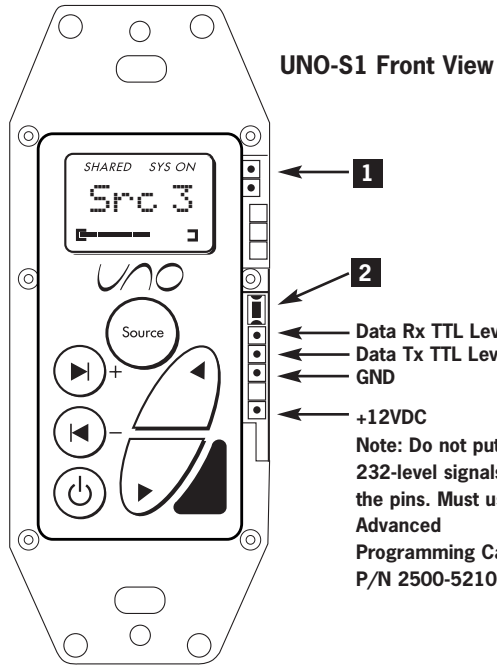


- 1 LCD PANEL - 5-character backlit display shows source, volume and room status (messages scroll twice, then display first 5 characters of message)
- 2 SOURCE SELECT - Scrolls through the available sources. Press and hold brings up the USER MENU for Loudness, Bass, Treble, etc.
- 3 VOLUME UP/DOWN - Raises and lowers the volume for the room
- 4 IR RECEIVER - Receives IR signals and passes them to the controller and source equipment. Also used when the keypad is operated using the SRC2 remote.
- 5 POWER - Turns room ON or OFF when pressed once, press and hold a second time will turn on or off all rooms
- 6 COMMAND KEYS - Pressing the command keys controls the source equipment

UNO-S1 Side Panel

The UNO-S1's setup button and OS update pins are located on the right side of the keypad (when facing front). These are covered when a trim plate is installed.

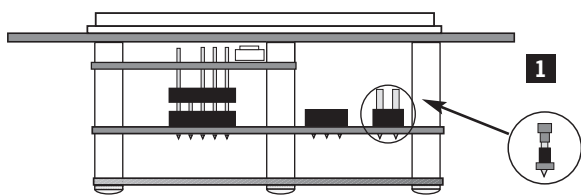
- 1** OS Update/Run Jumper -The pins are jumpered when performing an OS update on the keypad (typically needed only on a keypad that has never been updated), and removed during normal operation.
- 2** Setup Button - Activates information and update menus for the keypad.
- 3** OS Update Port - Used to update the UNO-S1 keypad operating system firmware. If an update is released, it will be available online through the Document Center on www.russound.com. Look for it in the "Firmware and Downloads" section under Multi-Zone product type. The Advanced Programming Cable is available from Russound, Part #2500-521065. The UNO-S1 firmware can also be updated with the "UDFRM" sub-menu selection in the Diagnostics Menu.



UNO-S1 Front View

- 1** OS Update/Run Jumper
 - 2** Setup Button
 - 3** OS Update Port
- Data Rx TTL Level
Data Tx TTL Level
GND
- +12VDC
Note: Do not put RS-232-level signals into the pins. Must use Advanced Programming Cable P/N 2500-521065.

UNO-S1 Side View



UNO-S1 Back Panel

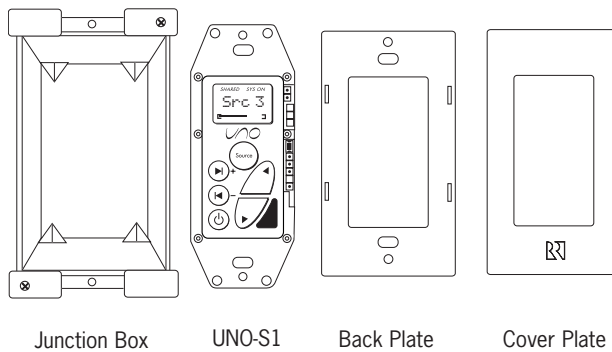
CAT-5 Connection

The UNO-S1 keypad uses a 110-punchdown terminal on the back panel to provide a simple installation and strong connection for CAT-5 cable's eight conductors. Punchdown terminals require the use of a punchdown tool. Attach the CAT-5 cable to the 110-punchdown terminal on the UNO-S1 keypad as shown, matching the conductor colors to the connection color guide. The keypad will not operate properly if the terminations deviate from the required connection order.

Take care when using an impact 110 punchdown tool, as this may over-spread the contact points. Use of the impact tool may propel stray bits of wire and jacket into the keypad's chassis and possibly cause a short in the circuitry. Gently shake or blow air through the keypad chassis to remove stray wire before the keypad is installed into the junction box.

Keypad Installation

1. Check whether or not you can route the wire to the location you have chosen.
2. To install a single-gang keypad, you will need to use a UL/CSA approved plastic single-gang (18 ci) electrical box or a low voltage mounting ring.
3. Route CAT-5 wire to the junction box from the RNET system controller.
4. Use a 110 punchdown tool to connect each wire to its corresponding color labeled on the punchdown terminal.
5. Mount the keypad in the electrical box and attach the cover plate.



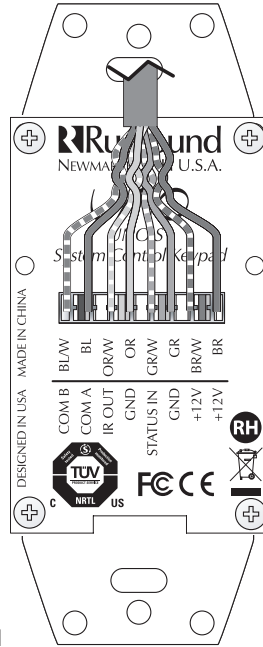
Junction Box

UNO-S1

Back Plate

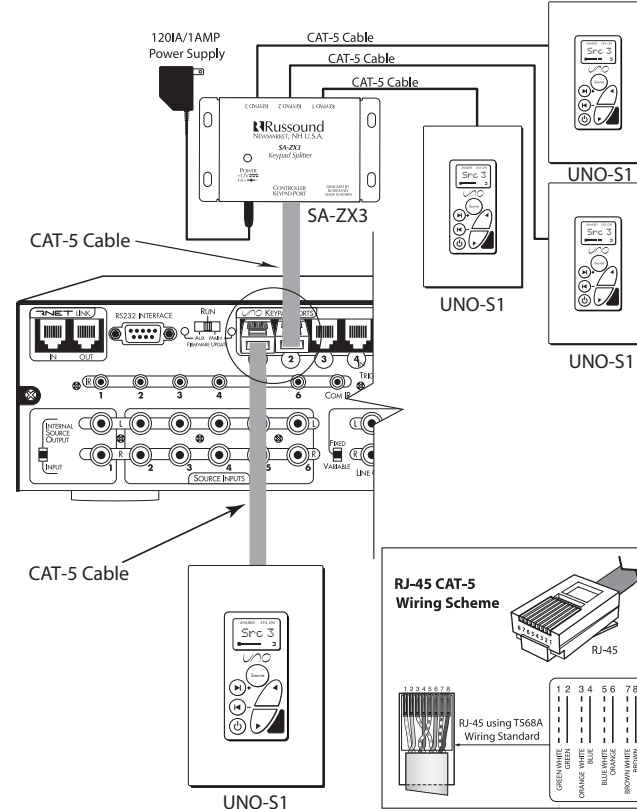
Cover Plate

CAT-5 to UNO-S1 Connection

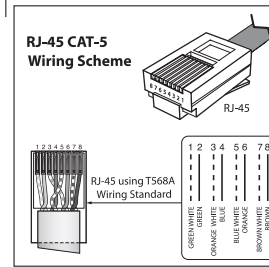


UNO-S1 Keypad to RNET Controller Connection

One keypad is used for each of the six zones. An SA-ZX3 Keypad Splitter can be used to add additional keypads.



UNO-S1



Safety Instructions

1. Read Instructions - All the safety and operating instructions should be read before the appliance is operated.
2. Retain Instructions - The safety and operating instructions should be retained for future reference.
3. Heed Warnings - All warnings on the appliance in the operating instructions should be adhered to.
4. Follow Instructions - All operating and user instructions should be followed.
5. Water and Moisture - The appliance should not be used near water; for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool.
6. Wall Mounting - The appliance should be mounted to a wall only as recommended by the manufacturer.
7. Ventilation - The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings, or placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.
8. Heat - The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
9. Power Sources - The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.
10. Grounding or Polarization - Precaution should be taken so that the grounding or polarization means of an appliance is not defeated.
11. Object and Liquid Entry - Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through the openings.
12. Damage Requiring Service - The appliance should be serviced by qualified service personnel when:
 - A. Objects have fallen, liquid has been spilled into the appliance; or
 - B. The appliance has been exposed to rain; or
 - C. The appliance does not appear to operate normally; or
 - D. The appliance has been dropped or the enclosure is damaged.
13. Servicing - The user should not attempt to service the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.

Precautions:

1. Power – WARNING: BEFORE TURNING ON THE POWER FOR THE FIRST TIME, READ THE FOLLOWING SECTION CAREFULLY.
2. Do Not Touch The Unit With Wet Hands – Do not handle the UNO-S1 when your hands are wet or damp. If water or any other liquid enters the UNO-S1 cabinet, take the UNO-S1 to a qualified service person for inspection.
3. Care – From time to time you should wipe off the front panel of the cabinet with a soft cloth. Do not use rough material, thinners, alcohol or other chemical solvents or cloths since this may damage the finish or remove the panel lettering.