

LUTRON®

For Your Information ...

Using the RadioRA® Telephone Interface

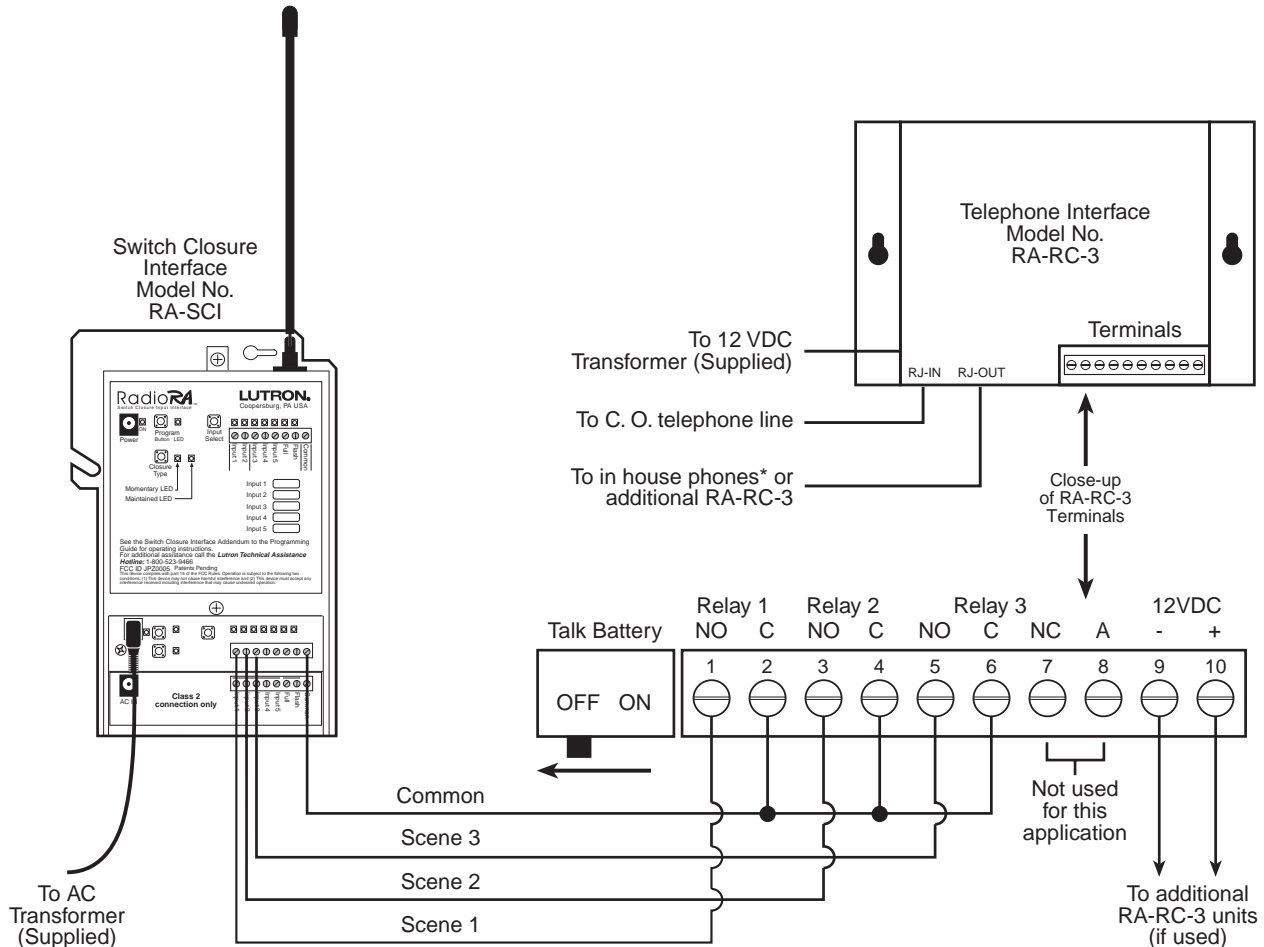


Overview

The RadioRA® System can now be controlled from any location worldwide by using the RadioRA Telephone Interface (RA-RC-3). The Telephone Interface allows for activation of scenes programmed to a RadioRA Switch Closure Interface (RA-SCI) via telephone. By connecting the three (expandable to nine) outputs from the Telephone Interface to the inputs of the RA-SCI, pressing buttons on any telephone will turn lighting scenes ON/OFF.

Wiring

The wiring diagram below shows how to wire up three outputs from the RadioRA Telephone Interface (RA-RC-3) to the inputs of a RadioRA Switch Closure Interface (RA-SCI). The RA-RC-3 and RA-SCI can then be programmed as described on the following page to activate the desired scenes. For this application, RA-SCI inputs must be set up for MOMENTARY operation. A dedicated phone line is not required, but is recommended.



* The RA-RC-3 monitors for DTMF tones anytime the phone line is in an off-hook condition. This allows for its use in conjunction with an answering machine.

After wiring as above, proceed to programming on the following page. To have additional information faxed to you concerning the Telephone Interface, call 715-386-4345 and request document #165.

**Need additional assistance? Call the Lutron Technical Assistance Hotline 1-800-523-9466
Please provide exact model number when calling.**

Programming the RA-RC-3 Outputs

		PRESS	RESPONSE
1. Prepare for programming.	Disconnect the phone line from the RJ-IN jack and move the Talk Battery switch to the ON position. Pick up the receiver on an in house phone connected to the RJ-OUT jack.		
2. Enter programming mode.	Press * plus the programming access code (default is 845464 and can be changed).	*845464	2 BEEPS*
3. Select the desired number of rings before the RA-RC-3 will pick up.	Enter the number of rings, within the range of 01-31 (default is 02 rings) plus #21 . If an answering machine is on the same line, set the RA-RC-3 to a greater number of rings than the answering machine.	XX #21	2 BEEPS**
4. Select the desired operating access code.	Enter your desired 6 digit access code plus #23 (default access code is 123456).	6 digits #23	2 BEEPS**
5. Exit programming mode.	Hang up the phone. Move the Talk Battery switch to the OFF position and reconnect the phone line to the RJ-IN jack.		

* 4 BEEPS indicates the incorrect programming access code was entered. Hang up and retry.

** 3 BEEPS indicates an invalid entry or error.

The RA-RC-3 will provide 4 BEEPS and hang up if 20 seconds elapse without an entry. Repeat steps 1 and 2 to continue programming.

Programming the RA-SCI Inputs

Using the RadioRA Setup Guide, setup RA-SCI inputs one through three as follows:

- Input 1 (Dusk Scene):** Set the closure type to MOMENTARY and program the desired dimmers, switches or GRAFIK Eye Units to RA-SCI input 1. Set light levels to approximately 50%* for each dimmer and GRAFIK Eye unit.
- Input 2 (Midnight Scene):** Set the closure type to MOMENTARY and program the same dimmers, switches or GRAFIK Eye Units to RA-SCI input 2. Set light levels to approximately 100%* for each dimmer and GRAFIK Eye unit.
- Input 3 (OFF Scene):** Set the closure type to MOMENTARY and program the same dimmers, switches, GRAFIK Eye Units to RA-SCI input 3. Turn OFF all controls when setting light levels.

* Light levels suggested by Lutron. Inputs 1 and 2 may be programmed to any light level.

Operating the RA-RC-3

		PRESS	RESPONSE
1. Call the line the RA-RC-3 is connected to.	The RA-RC-3 will answer after the set number of rings. Note: Lutron does not recommend operating the RA-RC-3 from in house phones. Entering * followed by certain digits on in house phones may change phone service functions (i.e., disable call waiting).		2 BEEPS
2. Enter the operating access code.	This code was set in step 4 above.	* plus 6 digits	2 BEEPS
3. Activate a scene. (Allow 5 seconds between activating any two scenes.)	Enter any scene number (1, 2, or 3) and then 2 . <ul style="list-style-type: none"> • Pressing 12 turns Scene 1 ON (Dusk Scene). • Pressing 22 turns Scene 2 ON (Midnight Scene). • Pressing 32 turns either Scene 1 or Scene 2 OFF. 	12 or 22 or 32	2 BEEPS**
4. Hang up the phone.			

** 3 BEEPS indicates an invalid entry or error.

The RA-RC-3 will provide 4 BEEPS and hang up if 20 seconds elapse without an entry. Repeat steps 1 and 2 to continue operating.

Worldwide Technical and Sales Assistance

If you need assistance call the toll-free **Lutron Technical Assistance Hotline**. Please provide exact model number when calling.
 (800) 523-9466 (U.S.A., Canada, and the Caribbean)
 Other countries call (610) 282-3800

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