

Mounting Diagram

Description

The NTGRX-1S Entrance Control Station adds the convenience of remote entrance control to the Grafik Eye 3000 Master Control along with the ability to retrofit into an existing 3-way installation. The NTGRX-1S Control Station features one pushbutton which can be used to select Scene 1 or to turn the GRX-3000 Main Unit and all associated lighting loads off.

Important Notes

1. This control must be installed by a qualified electrician.
2. Install in accordance with all local and national electrical codes.
3. NTGRX-1S is a high voltage control. Do not connect high-voltage power to low voltage terminals on GRX-3000. Improper wiring can result in personal injury or damage to the control or to other equipment.

Installation

New Installations:

To check the zone for short circuits, connect a standard switch and loading device to the hot line and turn power on. If the load device does not operate, the circuit is open. If the breaker trips (fuse blows), the circuit is shorted. Correct any open or shorted condition and test again before proceeding.

1. Turn power off.

WARNING

Always turn off the circuit breaker or remove the main fuse from the power line before doing any work. Failure to do so can result in serious personal injury.

2. Strip insulation from wires;
 - 5/8" for No. 16 and 18 gauge wire
 - 1/2" for No. 10, 12, or 14 gauge wire.

The wire connectors supplied are for use with copper wire only. They can be used to join one No. 18, 16, 14, 12, or 10 gauge solid or stranded wire with one or two No. 14 or 12 gauge solid or stranded wires.
3. Connect wiring as shown in Figures 1 or 2.

Note: The designations "H", "SSA", and "HOT" refer to terminals on the Main Control Unit.
4. Confirm all connections and mount the unit as shown in Mounting Diagram.

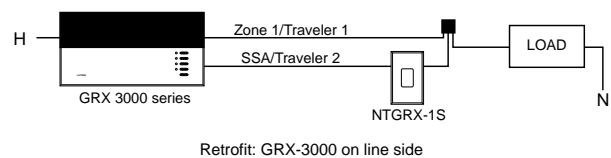
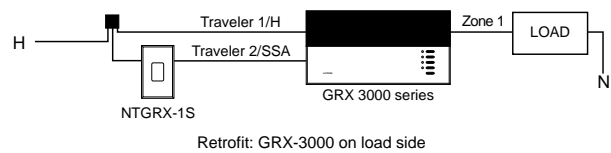
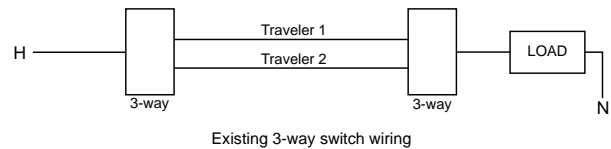


Figure 1
Retrofit installation

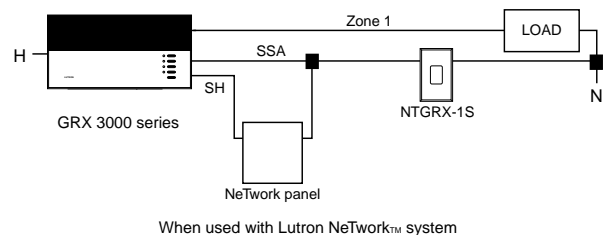
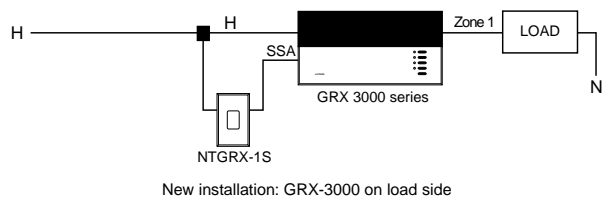
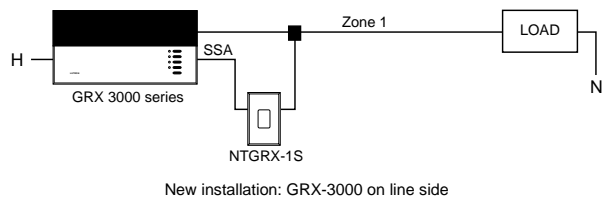


Figure 2
New installation

Operation

Restore power to the system. To turn Scene 1 on, press the pushbutton on the NTGRX-1S Entrance Control Station. To turn the GRX-3000 unit and all associated lighting loads off, press the pushbutton again.

Troubleshooting

Problem	Causes	Remedies
Main unit does not turn ON	Power is off	Restore power to the system
	Miswire	Confirm wiring as per Figures 1 or 2
	No load on Zone 1	Install load of 25W minimum on Zone 1

Note: If the NTGRX-4Q Special Functions Control is part of the system, confirm that ALL of its functions are OFF while troubleshooting.

Worldwide Technical and Sales Assistance

If you need assistance, call the toll-free Lutron Hotline:

(800) 523-9466 (U.S.A.)

Outside the U.S.A., call (610) 282-3800

Fax (610) 282-3090

Telex 847475 Lutron CPBG

TWX 510-651-3755 LUTRON CPBG

Warranty

Lutron will, at its option, repair or replace any control that is defective in materials or manufacture within one year after the purchase. For warranty service, call Lutron Hotline at (800) 523-9466 and ask for field service. Lutron shall, at its option, arrange for repair or replacement of any defective unit.

This warranty is in lieu of all other warranties, express or implied, and the implied warranty of merchantability is limited to one year from purchase. This warranty does not cover the cost of installation, removal, or reinstallation, or damage resulting from misuse, abuse, or improper wiring or insulation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty may last, so the above limitations and exclusions may not apply to you.

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Made and printed in the U.S.A. 10/93 P/N 030-387 Rev. A