Overview

The sequence function provided by a GRAFIK Eye Contact Closure Interface Control can be integrated with other equipment. This can be done to create a number of different effects and presentations. One example of this is to integrate the GRX-AV with and Occupant Sensor (by others) to set up a sequence for a presentation when occupants enter the room.

Example

- The maintained relay closures (provided by others) controlled by the Occupant Sensor hold GRX-AV #1 in Scene 5.

  * Group #1 enters the room and trip Occupant Sensor. The sequence begins.

   ** Output from Occupant Sensor changes state of relay.
   ** GRAFIK Eye Control Unit remains in Scene 5, but can now be changed after maintained closure to GRX-AV #1 is removed.
   ** GRX-AV #2 starts sequencing of Scenes 5-16. First scene is actually Scene 6 the first time around.
   ** Output from GRX-AV #2 activates the relay (by others) for tape recorder.
   ** Tape begins to play.
   ** Specified delay by using Scene 6 Fade Time.
   ** Zone 1 lights fade to Scene 7 over Fade Time.
   ** Zone 1 lights hold at Scene 7 over Scene 8 Fade Time.
   ** Zone 1 lights fade to OFF as Zone 2 lights fade to Scene 9 over Fade Time.
   ** Zone 2 lights hold at Scene 9 over Scene 10 Fade Time.
   ** Zone 2 lights fade to OFF as Zone 3 lights fade to Scene 11 over Fade Time.
   ** Zone 3 lights hold at Scene 11 over Scene 12 Fade Time.
   ** Zone 3 lights fade to OFF over Scene 13 Fade Time.

  * Group #1 leaves the room when presentation is complete.

NOTE: Set Scenes 14, 15, and 16 to keep lights off for a short delay to signal Group #1 to leave the room.

   ** Sequence of events continues, cycling through Scenes 5-16. This is done to allow the second group to enter the room as the first group exits. Without this, the second group would have to wait for Occupant Sensor to "time out" and the system reset, before they enters.
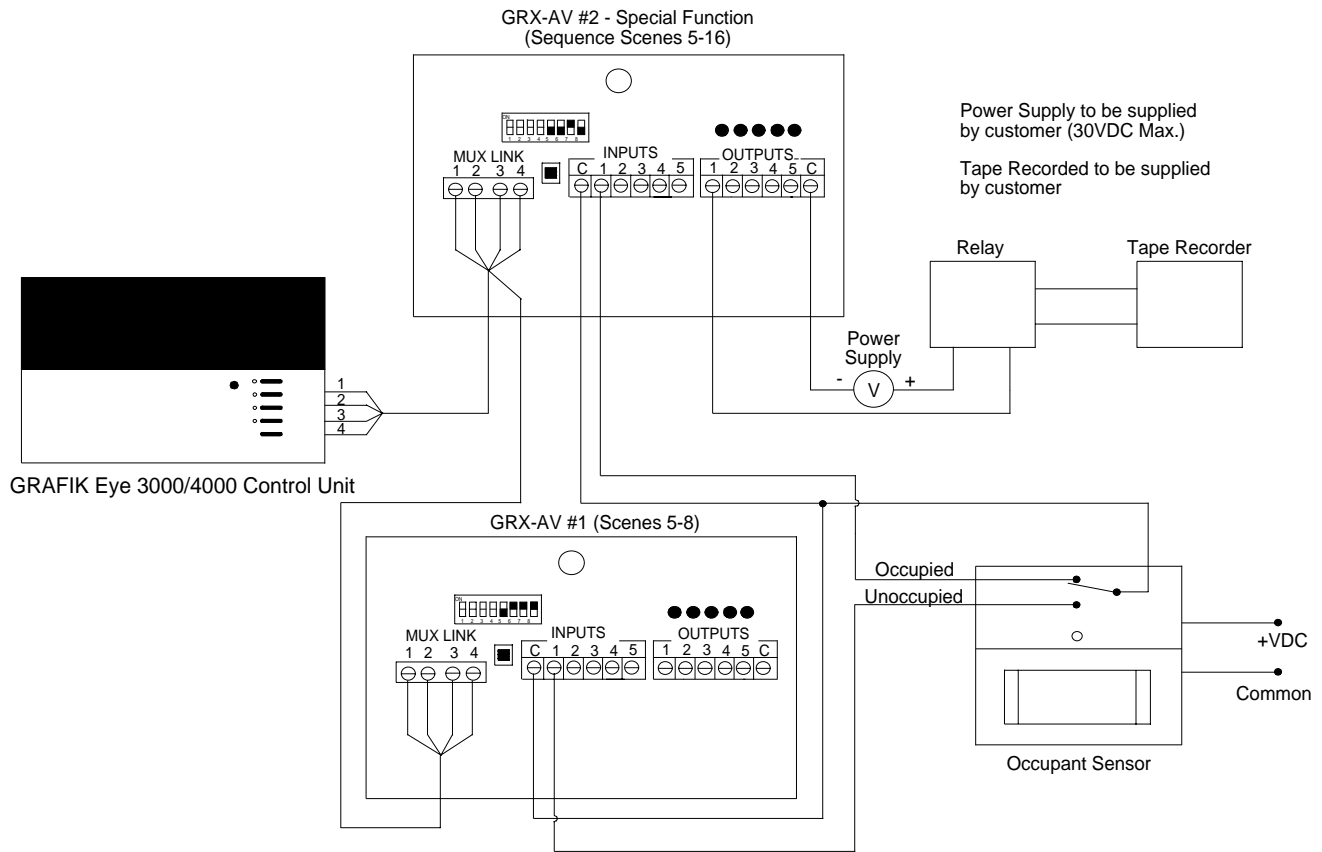

  * Group #2 enters as Scene 6 turns lights on. They stay for the presentation and leave when it's completed.

   ** Sequence of events continues until the Occupant Sensor does not detect anyone in the room during the specified delay time (set on sensor).
   ** Output from Occupant Sensor changes state of relay.
   ** GRAFIK Eye Control Unit resets to Scene 5 and remains there until relay changes state.
   ** Sequencer is turned off and maintained output from GRX-AV to tape player is removed.

Installer is responsible for resetting the tape player.

* Action
** Result

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GRX-AV #2 - Special Function
(Sequence Scenes 5-16)

MUX LINK
1 2 3 4

INPUTS
C 1 2 3 4 5

OUTPUTS
1 2 3 4 5 C

Power Supply to be supplied
by customer (30VDC Max.)

Tape Recorded to be supplied
by customer

Relay   Tape Recorder

Power
Supply
- V +

1
2
3
4

GRAFIK Eye 3000/4000 Control Unit

GRX-AV #1 (Scenes 5-8)

MUX LINK
1 2 3 4

INPUTS
C 1 2 3 4 5

OUTPUTS
1 2 3 4 5 C

Occupied
Unoccupied

+VDC

Common

Occupant Sensor

Additional Information

LUTRON®