



**- Application Notes –
Security Enhancements**

- LRR Backup -

Objective

To activate the lrr being used in zone mode

Equipment List

- Apex Destiny 6100 Control Panel, rev. 8.05 or greater
- Radio that supports zone mode
- 720-0006 trigger harness or on-board relay

Sequence of Operation

When the alarm control has an alarm the control will generate a pulsed output for fire and a steady for burg using either a trigger or the onboard relay.

The output will trigger the radio, causing a zone one fire and a zone two burg, zone three panic.

Required Programming zone mode (EOLR or –V)

Location	Value	Function
4097	011	Enable control channel 1 with auto-countdown in seconds
4100	001	Assign flash to channel 1
4101	010	Set control channel 1 countdown to 10 seconds
4119	001	Assign control channel 1 to pull-to-ground pin 1
0185	001	Assign the “fire” trigger to control channel 1
4055	002	System trigger option (activation = ON)
4121	011	Enable control channel 2 with auto-countdown
4125	010	Set control channel 2 countdown to 10 seconds
4143	001	Assign control channel 2 to pull-to-ground pin 1
0184	002	Assign the “burg” trigger to control channel 2
4054	002	System trigger option (activation = ON)

Required Programming zone mode (+V)

Location	Value	Function
4097	011	Enable control channel 1 with auto-countdown in seconds
4100	001	Assign flash to channel 1
4101	010	Set control channel 1 countdown to 10 seconds
4119	008	Assign control channel 1 to the onboard relay
0185	001	Assign the “fire” trigger to control channel 1
4055	002	System trigger option (activation = ON)
4121	011	Enable control channel 2 with auto-countdown
4125	010	Set control channel 2 countdown to 10 seconds
4143	008	Assign control channel 2 to the on board relay
0184	002	Assign the “burg” trigger to control channel 2
4054	002	System trigger option (activation = ON)

Any unused channel in the panel can be used for this configuration. Channel 1 is pulsing for 10 seconds to allow the radio to send an Alarm on Zone 1(fire) and a steady output for an alarm on zone2(burg). For radio programming please contact Alarmnet at 800.222.6525.

Required Programming zone mode (EOLR or -V) for panic

Location	Value	Function
4145	011	Enable control channel 3 with auto-countdown in seconds
4149	010	Set control channel 3 countdown to 10 seconds
4167	003	Assign control channel 3 to pull-to-ground pin 3
0186	003	Assign the “panic” trigger to control channel 3

Required Programming zone mode (+V) for panic

Location	Value	Function
4145	011	Enable control channel 3 with auto-countdown in seconds
4149	010	Set control channel 3 countdown to 10 seconds
4167	008	Assign control channel 3 to the on board relay
0186	003	Assign the “panic” trigger to control channel 3

Figure 1. LRR Connections

