

## NOTIFIER TECH TIP

AFP-3030

Scripting Examples - 01

V1.0 CH 20/07/17

The following lists some useful scripting to be used in conjunction with the AFP-3030.

-----

For ALARM DEVICES such as NAC outputs, Addressable Loop Sounders, that typically sound as general alarms or building evacuations etc.

**ZL1 = AND(OR(Z0,ZF7),NOT(ZF25))**

*Replace "Z0" (Fire Type General Alarm) where required for different activation sources.*

*ZL1 is then assigned as the source, or CBE being used to "trigger" the output device.*

*ZF7 activates the devices when ALARM DEVICES Test is pressed on the front panel.*

*NOT(ZF25) prevents activation when ALARM DEVICES Disable is pressed on the front panel.*

-----

For Relays and Outputs where the Smoke Control Disable is to be used as the "Plant Isolate"

**ZL2 = AND(Z0,NOT(ZF6))**

*Replace "Z0" (Fire General Alarm) where required for different activation sources.*

*ZL2 is then assigned as the source, or CBE being used to "trigger" the output device.*

*NOT(ZF6) prevents activation when SMOKE CONTROL Disable is pressed on the front panel.*

-----

For an Addressable Loop Sounder being used "under" a detector in an apartment (typically an acclimate type being used in dual smoke/heat mode), where the sounder only activates on the smoke side of the detector.

**ZL3 = OR(PRE,L1D1))**

*Replace "L1D1" with the detector address the sounder is "associated" with.*

*ZL3 is then assigned as the source, or CBE being used to "trigger" the device.*

*In this instance, where the sounder is being utilised essentially to mimic "standalone" smoke detector functionality, the script should NOT be made inactive through the use of the NOT(ZF25) ALARM DEVICES Disable function, as these devices should operate whether or not the ALARM DEVICES are disabled or not.*

-----

*Further information on the use of Special Functions and Logic Zones can be found in Appendix D of the AFP-3030 Programming Manual, available in the Downloads/Manuals section at [www.notifier.com.au](http://www.notifier.com.au)*