

Challenger Version 8 Triggering Console Bleepers.

AN20

This document provides details of the programming requirements for activating the console beepers on any arming stations connected to the Challenger LAN system.

The console beeper is activated automatically when warning timers are running, local alarms are active, or input test procedures are active. Any input can also be programmed to activate the console beeper when in alarm.

This document deals with the ability to program the console beepers to activate on virtually any type of event or condition that can exist in the Challenger system, over and above those already mentioned above.

1. Program the "Console Trigger" Event Flag in the SUMMARY EVENT FLAGS option.

Whenever the Event Flag number specified here is activated, the console warning beepers are activated.

2. Use the Console Trigger Event Flag number in any Event Flag record for the function/s that are to activate the console beepers.

Event Flags may be assigned to many functions in the Challenger and are listed opposite:

SUMMARY EVENT FLAGS are programmed in Installer Menu Option 34.

Enter an Event Flag number between 17 & 256 as long as it is not used elsewhere in the system.

EVENT FLAGS:

Installer Menu Option 1: - Input Database
Programmable Event

Installer Menu Option 2: - Area Database
Area Accessed Siren
Inputs Unsealed Inputs Isolated
Secure Alarm Access Alarm
Local Alarm Pre Alarm
Entry Event Exit Event
Warning Timer Camera

Installer Menu Option 3: - Arming Stations
Door Event

Installer Menu Option 21: - Input Shunts
Shunt Event
Shunt Warning Event

Installer Menu Option 34: - Summary Event Flags
Mains Fail Low Battery
Fuse Fail Tamper
Siren Fail DGP Isolate
DGP Offline RAS Offline
Keyboard Duress Film Out
Report Fail Testmode
All Secured Console Trigger

Installer Menu Option 35: - Program Macro Logic
Events generated by Macro Logic Programs

3. If more than one Event is required to activate the console beepers, and those Events have already been allocated different Event Flag numbers for other functions, create a MACRO LOGIC program that will combine the required Event Flag numbers to activate the Console Trigger Event Flag number.

MACRO LOGIC PROGRAMS are created in Installer Menu Option 35.

See AN18 - Programming Macro Logic, for more details

SUGGESTED PROGRAMMING SEQUENCE

Program the Console Trigger Event in
Summary Event Flags

Assign Console Trigger Event number
to the **Event Flag records** required

Create **Macro Logic programs**
if required

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