

FIRMWARE RELEASE BULLETIN

Taktis firmware update

In line with our program of continuous product development Kentec have released an updated firmware version EN-00.13.R004 for the Taktis EN Addressable fire alarm control panels and Vision repeaters.

Release date: 03/03/26

Firmware EN-00.13.R004 provides no new features however does include significant improvements

To successfully use EN-00.13.R004 it will be necessary to update your LE2 configuration software to version 3.440.

Notable improvements

EMS Wireless Networking

An adjustment made in the earlier Taktis V13 Firmware versions led to a compatibility issue with EMS wireless networking modules which caused a failure of the wireless network. A fix has been implemented in this firmware to address this issue. This fix is also accompanied with a modification to LE2, a Legacy Wireless setting tick box has been provided. This tick box will need to be activated for any installation which uses EMS wireless network modules with a firmware version of 3.02 or less

Apollo Discovery Sounder – Duration Timer

An issue was reported that the Duration Timer for the Sub Addresses on an Apollo Discovery Sounder were missing. This has been corrected and Duration Timers are now present.

Apollo Switch monitor fault reporting

Incorrect fault reporting was highlighted on Apollo Switch Monitor modules; units were reporting a tamper fault on the panel when it should have reported an internal fault. This has been resolved and all faults are now reported correctly.

Matrix and Ident panels – Cause and effect

An issue was reported with Matrix and Ident panels where they were not displaying correct zone indications when using a combination of Continuous and Intermittent zone cause and effects. A fix has been implemented to correct this.

K546 Legacy 6-Way Sounder board functionality

It was highlighted that during an Alert event the Legacy board Sounder outputs failed to operate correctly, this firmware version resolves the issue.

K547 Legacy 8-way Relay board functionality

An issue was highlighted where the relay outputs configured as an Alert output would operate continuously instead of intermittently. This has been corrected in this firmware.

New feature group – User options

When a New Feature group was created along with a New User in LE2, a number of User options were missing after the LE2 config file was uploaded to the panel. This has been corrected in this firmware release.

Taktis plug-in Conventional Zone card (K792)

Following a reset Conventional zone inputs on the K792 will momentarily display an Open Circuit fault on the panel for approx. 0.5 secs and then clears. This no longer occurs in this firmware version.

K-System KS-SOLO-ZONE-SCI/Hochiki CHQ-SZM(SCI) Single Zone Monitor Module

When a Single Zone Monitor Module was the first device to activate on a loop its status LED would illuminate as expected, however it would prevent any subsequent devices which had activated from illuminating their status LED. This has been corrected so that Status LEDs on all devices operate correctly.

Display of Loop device faults on panel display

It was highlighted that on occasion where open circuits exist on multiple loops not all missing device faults were reported on the panel. A firmware fix has been implemented to address this issue.

K-System KS-MULTI-CO/Hochiki ACD-EN Multisensor with CO – COhb only mode

An issue was raised regarding the input action options available when the Multisensor with CO was set to COhb mode. The available input actions on the panel did not match the input actions available on LE2. This has been corrected.

Cause and effect – Device output delay bypass

A cause and effect was created where any device in a particular Zone was activated to operate an output after a configured delay period. An issue was highlighted where in this scenario a Manual Call Point which was configured to bypass any output delay when activated did not activate correctly. The delay bypass setting was ignored. A fix has been added so that Manual Call Point devices configured to bypass delays, successfully bypass said displays.

Disabled zones still logging event faults

It was highlighted that device faults on a disabled zone while not being indicated on the panel were incorrectly being logged in the event log. A fix has been made to this firmware to ensure that events from devices within a disabled zone are not displayed or logged on the panel.

K-System KS-MULTI/Hochiki ACC-EN – Heat mode settings incorrect

The available settings on the panel display for the Multisensor detector set to heat mode were showing incorrectly as 1-5 instead of the correct values 0-88. This has been corrected.

Event description mismatch

An issue was raised that events shown on the display were not matching the description for the same events in the event log. This has been resolved in this firmware release.

Cause and effect - coincidence by zone

This specific cause and effect configuration was not operating correctly. The cause and effect rule included various devices in different zones, the logic of the zone was set to "Coincidence by zone".

It was found the coincidence rule was being activated by two devices from different zones rather than two devices from the same zone. This has been addressed in this firmware release.

K545 4 way Conventional Zone board – Power fault

A power fault event from a legacy 4 way Conventional Zone board was being displayed as a non-specific Monitored Input fault on the Taktis display. This has been amended to display the following clearer event message "Fault Module Address xxx Channel 8 has a module external power supply fault".

K-Mesh wireless – Unexpected device issue

It was noted that when adding a new device to a K-Mesh translator the panel would for a brief period of time (approx. 30 Secs) display an "Unexpected Device" fault. This has been corrected in this revision.

Reset loop diagnostics feature

The Taktis provides a menu feature which resets the diagnostics for a selected loop. It was highlighted that the panel was resetting the diagnostics for a different loop to the one selected i.e. Select loop 1, Diagnostics for loop 2 were reset. This has been addressed in this firmware release.

Missing loop card faults on Taktis network with multiple active cause and effects

An issue was experienced on a Taktis network with 400-500 active events in quiescent mode, this was due to the system monitoring sprinkler system and damper status. The high volume of network traffic caused by the active cause and effects would occasionally impact the processing of loop card signals leading to missing loop card faults. Modifications have been made to improve the efficiency of cause and effect events to resolve this issue.

Coincidence cause and effect activated by a single device

It was found that a coincidence cause and effect rule which contained a mixture of zones and individual devices would incorrectly activate when a single device was in alarm. This has been corrected and all coincidence cause and effect rules operate correctly.

It is strongly recommended that Taktis panels in the field be upgraded to the latest firmware at the earliest opportunity. Upgrading panel firmware in the field ensures access to the latest features and improvements.

To obtain the latest firmware files along with advice and instructions on upgrade requirements please contact our Technical Support department.

Should you require info on any of our products please contact your sales representative.

Regards



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