KI-HDT

September 8, 2021 Webinar Q&A

Q Is this the same device as the SIGA-HDT?
A Yes

Q Can we replace its battery?
A Yes. MyEddie.com Order P/N: HDT-BATT

Q Do you recommend enabling mapping before?
A We recommend keeping mapping on. If you disable mapping, what happens is that it puts a "Mapping Disabled" event on the panel, and when the panel goes to send the daily test signal it will send an abnormal test instead of a normal test.

Q Will this device tell me if a class A is too long for a panel to hold? I have an issue with a panel that is showing 71 ohms when the panel can hold 66 ohms. might be an obvious answer.
A The HDT will interrogate each device on the loop looking for a consistent response each time it is polled as well as measure the current the device draws. What we show in the report is if any devices communicated back to the HDT inconsistently or pulled current outside the normal range. If your loop resistance is outside of the specified value, I would start there in troubleshooting that loop

Q When the HDT is connected to an existing loop of detectors, will the HDT use the existing addresses or will the HDT give them new addresses?
A The KI-HDT will read the address assigned to the detector from the loop controller.

Q Found: [S???] "5275977781", Duplicate Serial Number!
Found 137 total devices: 94 detectors, 43 modules
Error: Found 8 devices with duplicate serial numbers!!!
A We've seen this before; some potential causes of this could be:

- A low probability that they have two or more devices with the same SN
- The EEPROM was erased on two or more devices, thus the SN is read as 0
- The communication to the devices is bad

Q I found the HDT will always find 8 duplicate serial numbers which are always CR's. If I replace a CR another CR will come into the duplicate serial number list.
A What model panel are these devices connected to now? Were they previously connected to a MIR2 or another legacy panel?

Q Can a dirty detector report be printed from software?
A A dirty detector report can be retrieved from the panel using the associated configuration utility software. The HDT on the “Loop” Tab has a button for Dirty Detection. There is a “Save File” option which will save the data displayed on the text window. If you execute the Dirty Detection function, select “Save File” to keep a report of that data.

Q Can you recalibrate a dirty device? Preferably all at once?
A When you select “Maint. Date” on the HDT, select the specific detector you want to write that date to. We do not have an option in the current firmware/software to “Select All” when recalibrating the dirty level when a Maint. Date is assigned.

Q What are A/D values?
A The A/D values are photo measurements taken from the detector. The A/D values of a detector are an advanced function that may be requested by technical support or engineering to determine if the current A/D values of a detector are too high.

Q Can you accept a device through the HDT on an EST3?
A The HDT provides results of all devices it sees on the loop wiring when connected to the tool. You need to reconcile the map when the loop is connected to the panel.

Q 3X. They should not have been previously connected to a legacy panel or MIR2?
A Is it always SIGA-CRs? I would be curious to see the report you pulled to look at firmware revision. I’ll email you outside of the webinar to get some additional information.

Q “Normalize” does what to the device?
A This function normalizes (writes the new clean air count into memory) the photo value of the detector but it is most particularly helpful when a detector is cleaned after it was determined to be dirty. After cleaning the detector using the approved tools or method, the user connects the detector(s) back to the loop and initiates this function to normalize the photo value.

Q If am sent to a call to a panel that mapping has been disabled, we turn on mapping before running tool correct?
A It is not necessary to enable mapping on the panel. You can connect the loop to the HDT and interrogate the loop of devices using the HDT to troubleshoot.

Q In settings does it really matter what panel type is selected?
A I try to keep the model consistent, but if you select the wrong panel, I have not seen it adversely affect the data in the report.

Q Will the KI-HDT always reflect the same information as the FACP or is it more accurate?
A The KI-HDT should match what the loop controller sees. Think of the KI-HDT as a "portable" loop controller.

Q Is this 100% the same as the SIGA-HDT, software included?
A The KI-HDT can only be use with Kidde devices. I have a SIGA-HDT and use it on Kidde and SIGA devices.

Q Can this same information be uploaded from panel without using the KI-HDT? Then just import the information onto your PC and view it through the application.
A You can upload a traditional map from the panel. However, the panel will not be capable of providing the Diff values as well as the other diagnostics found in the HDT report.

Q NEGATIVE DIF ARE MODULES AND POSITIVE DIF ARE DETECTORS, CORRECT?
A Modules and duct detectors have a negative Diff value. Detectors have a positive Diff value. If a detector has a negative Diff value, it is an indication the Data In and Data Out are backwards on the base. It is not critical that the Data In and Data Out flow correctly. During the troubleshooting process, having a negative Diff value on a detector would be the absolute last variable I would look at.

Q I am not sure if this is the same information that the panel obtains when performing a mapping sequence but just available in a hand-held tool.
A The HDT polls the devices in a similar manner as the panel. When you Restore the loop, the HDT highlights the devices it can communicate with just like the “Communicating” and “Serial Numbers” found fields in the panel Configuration Utility.