

HS104 — User Manual

Conventional Remote Indication LED • Installation, operation & maintenance

1. General description

The HS104 is a remote LED designed to be used with detectors in conventional fire alarm systems. Its purpose is to provide a local, visible indication of the connected detector's alarm condition.

2. LED indication

The device uses an 8mm red LED. The official installation instructions describe the LED as providing a local 360° visible alarm indication and flashing with the connected detector.

3. Compatibility

The manufacturer describes the HS104 as compatible with conventional fire alarm control panel systems. Confirm compatibility with the exact detector and panel before installation.

4. Mounting

The plate provides two mounting standards: the outer holes provide approximately 83mm spacing for USA installations and the inner holes provide approximately 59mm spacing for European installations.

5. Wiring

Wiring terminals are provided on the PCB board. Installation must follow the connected detector and fire alarm control panel's approved wiring arrangement. Isolate the relevant circuit before carrying out wiring work.

6. Operation

When the connected detector enters alarm, the HS104 provides a visible red LED indication. The remote indication allows the alarm state of a less-visible detector location to be identified more easily.

7. Maintenance

Keep the LED face clean and unobstructed. Periodically inspect the mounting, wiring terminals and visible indication as part of the fire alarm system's approved maintenance procedure.

8. Troubleshooting

LED does not indicate: check detector alarm state, wiring continuity, terminal connections and panel/detector compatibility.

Intermittent indication: inspect terminal connections and wiring for looseness or damage.

Poor visibility: remove obstruction and ensure the LED face is clean and visible from the intended area.

9. Safety

Fire alarm installation and testing should be performed by qualified personnel. Do not modify or repair the device in a way that could compromise the fire alarm system. Follow the current manufacturer documentation and applicable local fire safety requirements.

Source note

Source basis: H-Logic Security Technology (HST) official HS104 product page and HST's official HS104 Remote LED Installation and Maintenance Instructions. The official material describes HS104 as a remote LED for conventional fire alarm systems, with an 8mm red LED, 360° visible indication, dual-standard mounting holes for USA 83mm and Europe 59mm screw spacing, and PCB wiring terminals.