

HXS LED Indicator Guide

Bi-colour status LED on the unit:  green  red

Rules overview

Operating state Rule

1. Normal Green only — Charging, Battery full or AutoTest, all operations are normal
2. Faults Red flashing — count of red flashes: 1 = lamp strip, 2 = battery, 3 = charger (same for live and AutoTest historical faults)
3. Charging Breathing — smooth fade up and down
(green = charging; red breathing = battery exhausted / precharging)

1. Normal operation

The following indicate that the unit is operating normally.

Pattern	Meaning
 ↗ ↘ (breathing)	Charging
 steady	Battery full

2. Emergency mode

Steady red — the unit is in emergency lighting or test mode.

Pattern	Meaning
 steady	Emergency mode

3. Live faults

Red only — a live fault. Count the red flashes. Equal-length boxes = the same cycle; only the colours that light up are shown.

Pattern	Meaning
	Lamp strip fault
 	Battery fault (also battery temperature fault)
  	Charger fault
 ↗ ↘ (breathing)	Precharge — battery exhausted
 fast flicker	System / internal error, or unsupported battery

4. AutoTest operations

The following indicate that the unit is running or awaiting an AutoTest.

Pattern	Meaning
	AutoTest running
	Functional test postponed
	Duration test postponed

5. AutoTest historical faults

Green flash followed by red flashes — a historical AutoTest fault. Count the red flashes the same way as for live faults.

Pattern	Meaning
	Lamp strip fault in AutoTest
	Battery end of life
	Charger failed in AutoTest

6. What to do if there is a fault

You do not need to know internal fault modes. Follow this:

1. Check the battery and the lamp strip. Fit a known-good, compatible battery and lamp.
2. If the unit returns to normal (green charging or battery full) → done.
3. If the fault indication stays → press the test button once to force a restart/retry, then release it.
4. If the same fault comes back → the fault is still present (wrong or bad battery/lamp, charger problem, or a system/memory error). Fix the hardware or seek service.

Flash count only tells what is wrong (lamp / battery / charger / system). It does not change the steps above.