Installation Instructions - Pre Installation test

Test units for correct functioning before mounting. Temporarily connect wiring to enable testing of the complete system before full installation.

1) Wet the master unit sensor tip. Both units will enter alarm mode, (audible and visual). Carry out mute/unmute proceedures on each unit
2) Once verified, reset the units by removing and replacing the batteries or following the mute/reset proceedure
3) Normal operation - Once tested and reset, the unit will return to normal operation and will give a green flash once every 7 seconds

Battery Check

Battery condition can be checked manually. In “active standby”, press and hold tactile button (T) for 7-8 seconds. The unit will flash: Green = Good, Amber = ok, Red = Replace battery.

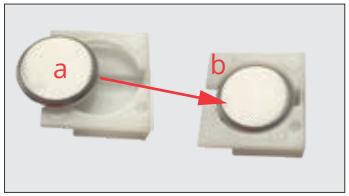
Auto Low Power Warning

If cell power drops below a certain level, the unit will start to chirp automatically and flash alternating red and green once every 30 seconds.

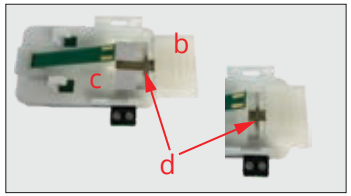
The alert can be muted for 12 hours at a time but not reset. The battery must be replaced.

To change the battery without removing the unit insert a small flat bladed screwdriver (Fig 3.9) into the slot located underneath the unit (k). Prise open the battery door, replace the battery and refit the door. To check for correct operation repeat test proceedure per Fig 2.5 to confirm correct operation.

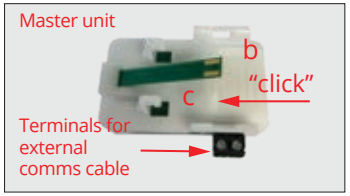
1. Power cell Installation – (Master and Remote unit)



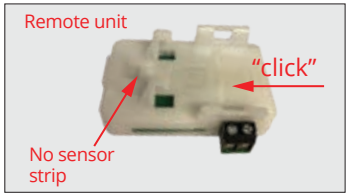
1. Insert power cell (a) into sliding door (b) with positive [+] (flat face) facing away from you



2. Insert cell door (b) (with cell a) into main casing body (c) ensuring the power cell is under the spring clip (d)

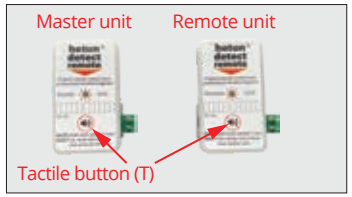


3. Slide cell door (b) into main casing body (c). The door should close with a slight “click”

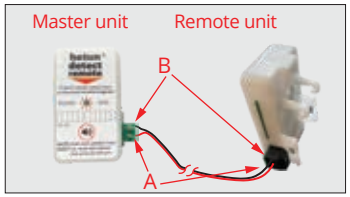


4. Power cell inserts the same way into the remote unit. The remote unit has no sensor strip

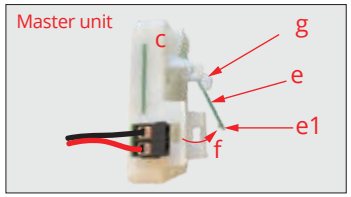
2. Wiring and tundish mounting



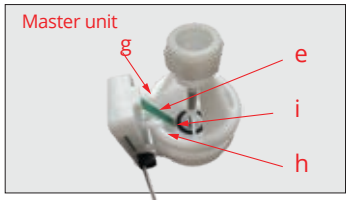
5. To check operation of either unit press tactile button (T) within 3 seconds of inserting battery. The unit will chirp and flash green/red to confirm operation



6. To aid access to terminal screws, connect the wires to the terminals **before** mounting unit onto tundish or patress box. Observe correct polarity A-A, B-B



7. Before placing master unit onto tundish, carefully pull sensor board [e] slightly away from casing to [f]. It is advisible to function test the unit before mounting. If you wet the sensor head (e1), the unit should go into ....

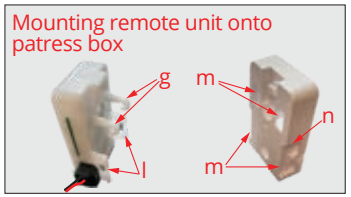


7. (cont) ...alarm mode. Manually reset the alarm after test.
8. Locate mounting hooks [g], onto tundish side (h), ensuring sensor board [e] is positioned where water will pool [i]

3. Remote unit Installation



9. Mount patress box in accessible location in occupied space using 2 No 6 screws (j), do not over tighten. Battery door can be prised open by inserting small screwdriver in the sliding door recess (k)

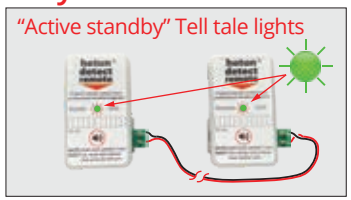


10. To mount the remote unit onto patress box push hooks (g) and legs (l) into the recesses (m) and “click” into place. To remove, place a small screwdriver in the chamfered patress clip recess (n)



11. Once mounted, the wires can be dressed. Cable trunking, can be used to neatly hide wires runing through the living space

4. System check



12. In “active standby” the units tell tale flashes green approximately every 7 seconds. This shows the units are working

Alarm functions - (Mute/Reset)

a) Alert - When water enters the tundish, the alarm(s) will activate (within 4-8 seconds) and will chirp and flash every 20 seconds at the relevant alert level (see table)

b) Auto mute/Reset: After 12 hours in “active alert” the units will auto mute for 24 hours. If, the sensor tip is still wet, the auidble alert will reactivate. If the sensor tip is dry, the unit will return to “active standby”

c) Manual Mute - To manually mute, press and hold the tactile button (T) on either unit, for approximatley 3 seconds. The light will flash alternating red and green quickly but will be silent. The unit is now in mute mode for 24 hours. If the sensor tip is dry after this time the unit will auto reset, if not, the alert will resume

d) Unmute - To manually unmute, briefly, press the tactile button (T), once. The unit will chirp and flash green once or twice. **Note -** Whilst muted, the units will still flash red (once every 20 seconds) indicating they are in “fault mode”.

e) Master Reset The system can only be reset from the Master unit and only after the fault has been fixed and the sensor tip is dry.
To manually reset, the Master unit must first be muted, then press and hold the tactile button (T) for 7-8 seconds. The unit will first chirp and flash green once then it will emit a long chirp and rapidly flashing green. The unit is now reset and will return to “active stanby”

Warning - Loose Wiring Connection

NOTE: A loose wire connection may reset the alarm (in the same way as removal and re-inserting the button cell). If, when moving the wires a clicking sound is heard from either unit, re-connect and tighten the wires. Then reinsert the battery and press the tactile button as per Fig 2. 5.

hotun detect remote

How it works - Function

hotun detect remote works like the original hotun detect, providing automatic, audible and visual alerts when water is detected in the tundish bowl, but it has a wired remote unit that can be mounted in an occupied space to improve alarm audibility.
The alarm can be muted from either Master or Remote unit, but can only be reset manually from the Master unit

Normal Operation

With the battery fitted, the unit will flash a green light every 7 seconds to show it is in operational standby

Advantages to customer

- Immediate notice of wasted water and energy
- Reduced energy and water costs if repaired early.
- Less risk of hot water or heating loss
- Early detection may reduce repair cost

Advantages to installer

- Upsell opportunity with hotun detect remote (make more profit)
- Your details remain with the customer
- Reduction in urgent call outs
- Remote diagnosis may reduce visits
- Increased customer satisfasction

hotun detect remote
Alert Levels

Audible and visual indications
hotun detect remote gives different alerts depending on operational status and water temperature

	Temp	Audible	Visual Description	Visual Representation	Repeat *(seconds)*
Normal Operation	N/A	None	1 x Green Flash	●	7
Stage 1 Warning	Up to 20°C	1 Short Chirp	1 x Red Flash	●	20
Stage 2 Warning	21 – 60°C	2 Short Chirps	2 x Red Flashes	●●	20
Stage 3 Warning	61 – 85°C	3 Short Chirps	3 x Red Flashes	●●●	20
Stage 4 Warning	>85°C	2 long chirps	2 x Long Red Flashes	▬▬	20
Low Battery Warning	N/A	1 Short Chirp	Rapid Red/Green Alternating	●●	30
Mute	N/A	None	1 x Red Flashes	●	20

Product Options

hotun detect remote comes in two colour options, black or white
Product code
HDSRW-2P (white) or
HDSRB-2P (black)

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hotun detect - it makes hotun sense

hotun® detect remote by tech

2 Year Warranty (3 years if registered)

MADE IN BRITAIN



Installation, Operation and Warranty Instructions

Water & Temperature Sensing Alarm System with Wired Remote Unit

Accepted for use by leading manufacturers:

ideal, WORCESTER Bosch Group, ARISTON, BAXI, Glow-worm, Vokera, Vaillant, OSO HOTWATER

MI/HDR/2026/V1.2

hotun detect remote
Product overview

(Product code HDSRW-2P (white) or HDSRB-2P (black)

Wired remote alarm for installations where the master unit is not easily heard (eg lofts or behind a panel).
The hotun detect remote is a simple, automatic, audible PRV water and temperature sensing device. It alerts the occupier to water in the tundish bowl, indicating a potential fault with the boiler or water heater.
This helps prevent boiler lockout due to low pressure and avoids wasting heated water from an unvented water heater (T)PRV

Key Features

- Audible (72dBA) and visual master - master and remote unit
- 2 way communication between master and remote unit
- Auto-mute and auto-reset with manual override
- Detects water and temperature in four stages for fault diagnosis
- Low battery warning and battery condition test
- Helps save water and energy
- Complies with G3 Regulations to aid visually and mobility impaired users
- Coin cell operated (1 x 2032 per unit supplied)
- No specialist electrical knowledge required to install

Warranty Instructions

To claim your extra year free warranty, simply email us (within three months of your installation date) your name and company name (if applicable), date of purchase (with invoice) and date of installation, to **info@hotun.co.uk** with the subject: line *"hotun detect remote warranty upgrade"* and we will email you back your registration certificate