



FCS™

The Sound Choice
for Leak Detection.™

Patroller 4

User Manual



MAN-154-0002

Introduction

This guide covers most basic operations including connections and commissioning.

For more details, refer to www.hwmglobal.com

The Patroller 4 is an interface that is required for setup and configuration of various FCS devices. Please refer to your main product guide for more details.

Contents

Patroller 4, USB cable, antenna (various options), car adaptor (optional), mains adaptor (optional)

Installation Instructions

1. Attach antenna. Check the safety section for antenna position and tightening guidelines. For maximum transmission range, the antenna should point upward (vertical polarization) and should be kept clear of obstructions, particularly metallic surfaces.
2. Do not expose the Patroller 4 to moisture.

Use Instructions

Switch unit on/off

1. Turn unit "ON": Press button. Red LED indicates unit off. Hold button for 2 seconds until green
2. Turn unit "OFF": Press button. Green LED indicates unit on. Hold button for 2 seconds until red.
3. Short press indicates status. Red = off, Green = ON.
4. Unit will automatically power off if not used for 30 minutes

Connecting to FCS application

1. If using PC application, connect to PC via USB cable.
2. If using a mobile phone app, connect with the phone using Bluetooth by following the instructions in the app guide.

Battery Operation – LED meaning

1. LED flashes red every 5 seconds: No devices detected.
2. LED flashes green when compatible HWM devices are in radio range and transmit a message.
3. LED flash is green when the battery is OK. LED flash is red when the battery is low; Charge the unit.



Charging operation – LED meaning:

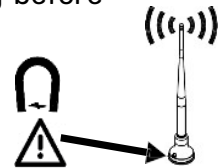
1. LED flashes red twice, every 5 seconds: Battery very low. Radio functions disabled.
2. LED red: Charging.
LED green: Charging complete.
LED flashes when compatible HWM devices are in radio range and transmit a message.
Unit always functions when powered by cable, except (see 10).

Charging Instructions

1. Connect USB cable between the unit and a powered USB connector (Car adaptor or mains adaptor, etc).
2. LED displays red until fully charged, then green.

Safety

- Carefully read the information in this document and on the packaging before using the product. Retain all documentation for future reference.
- This equipment uses a high-strength magnet and should not be carried by or be placed in the proximity of anyone with a heart pacemaker. This magnet can permanently corrupt magnetic storage media such as floppy discs, hard discs, and tapes etc... It can also damage TV and PC monitor screens and some watches.
- Contains a Lithium battery. Fire, explosion and severe burn hazard. Do not crush, disassemble, heat above 100°C, incinerate, or expose contents to water.
- CHOKING HAZARD – Contains small parts. Keep out of the reach of small children.
- Designed for use in vehicles or indoors only. Protect from water. Water ingress may cause damage to equipment, including risk of explosion.
- Do not disassemble or modify the equipment.



Radiation Exposure Statement

- This equipment contains a radio transmitter and receiver. Use of antennas and accessories not authorized by HWM may void the compliance of the product and may result in RF exposures beyond the safety limits established for this equipment.
- The equipment should be fixed (mounted) to other equipment during normal operation. When installing and using this product, maintain a 20 cm (or greater) distance between the antenna and the head or body of the user or nearby persons. Attached antenna must not be touched during transmitter operation



Battery – Caution Parts

- The equipment contains a rechargeable Lithium Polymer battery.
- In the event of damage to the battery or the equipment, do not handle without appropriate protective clothing.
- Do not attempt to open, crush, heat or set fire to the battery.
- In the event of damage to the battery or equipment, ensure there is no risk of short-circuit whilst handling or shipping.
Pack with non-conductive materials that give suitable protection. Refer to sections “Waste Electrical and Electronic Equipment” and “The Battery Directive”
- If the battery fluid leaks, stop using the product immediately.
If the battery fluid gets onto your clothes, skin, or eyes then rinse the affected area with water and consult a doctor. The fluid can cause injury and blindness.
- Always dispose of batteries in accordance with local laws or requirements.

Battery – Lifetime

- The battery is rechargeable.
- Do not store above 30°C for prolonged periods, as this will reduce the life of the battery.

Waste Electrical and Electronic Equipment and the Battery Directive



Disposal and recycling: When the equipment or its batteries reach the end of their useful life, they must be disposed of responsibly, according to any applicable country or municipal regulations. Do not dispose of

Waste Electrical and Electronic Equipment or batteries as normal domestic waste; they must

be taken by the user to a separate waste collection point designated for safe handling and recycling in accordance with local laws.

Waste Electrical and Electronic Equipment and batteries contain materials that, when correctly processed, may be recovered and recycled. Recycling product reduces the need of new raw materials and also reduces the amount of material that is sent for disposal as landfill. Improper handling and disposal can be harmful to your health and the environment. For more information regarding where the equipment can be accepted for recycling, please contact your local authority, recycling center, distributor or visit the website www.fluidconservation.com



Fluid Conservation Systems
1960 Old Gatesburg Road
Suite 150
State College PA, 16803
(800) 531-5465
www.fluidconservation.com

MAN-154-0002 - Updated: Feb 2025