

SOFREL HF-BOX 2

Remote control via Radio

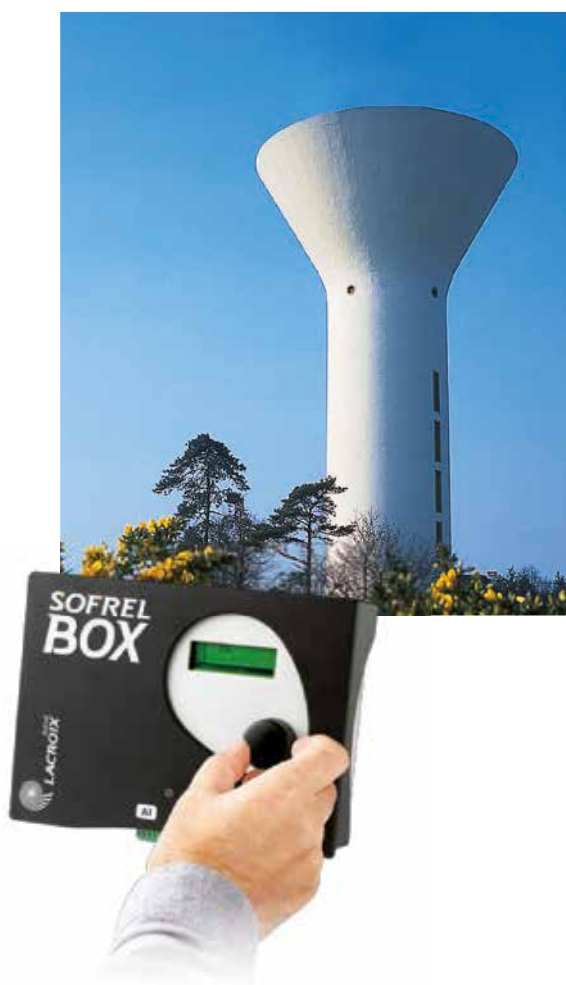


Developed specifically for the remote control of small, and isolated facilities with no power supply, SOFREL HF-BOX 2 is a data transmitter that communicates via license-free Radio.

Simple to install and economical (free communications), HF-BOX 2 constitutes a particularly well-suited solution to slave control between reservoir and pumping station.

The HF-BOX 2 unit allows:

- ▶ the acquisition of all types of data (signals, levels, meter readings, etc),
- ▶ their Radio transmission to a SOFREL S500 telemetry and SCADA Remote Terminal Unit.



SOFREL HF-BOX 2: Remote control via Radio

FUNCTIONS

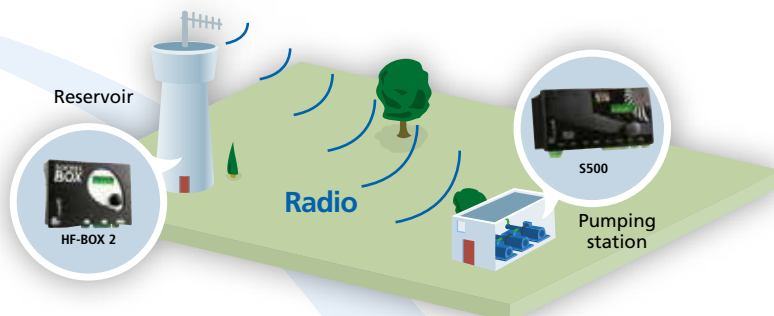
► Data acquisition

- Signals
- Meter readings
- Measurements

► Communication

- Via license-free Radio
- To a SOFREL S500 Remote Terminal Unit
- Call triggering:
 - on input status change
 - after a user-definable period (3, 5, 10 or 15 min.)

Application example:
slave control between reservoir and pumping station



TECHNICAL CHARACTERISTICS

► Presentation

- Case with display and configuration thumbwheel
- Dim.: H 150 x W 205 x D 70 mm

► Inputs

- 6 DI inputs:
 - 2 usable for metering
- 2 AI inputs:
 - for 4-20 mA sensors
 - sensors powered by HF-BOX 2 (12 V)

► Environment

- Operating temperature: -20°C to 50°C

► Power supply

- Integrated Lithium battery
- Typical battery life: 4 years

► Radio

- License-free, 869 MHz, 0.5 W
- Range: up to 10 km (sites in line of sight)
- Radio Module can be placed up to 50 m away



OPERATOR INTERFACE

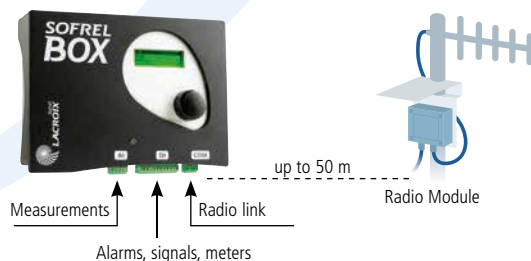
► Very easy to use

- Does not require a PC
- Display for configuration and viewing



EN 60 950:

In accordance with applicable European directives, this device is intended for industrial use. It does not present any hazardous voltage according to the terms of the low voltage directive.



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