

Battery operated indoor Wireless Clock Installation Manual

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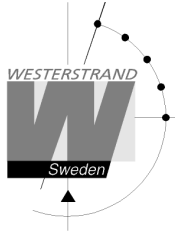
General

The Wireless clock, which is a part of Westerstrand Wireless Clock System, is a fully automatic battery operated analogue clock with built in microcontroller and UHF receiver.

Installation single sided clock

Please make sure that the transmitter is switched on before installation of the clocks.
Insert the batteries, alkaline batteries 3 x 1.5V size LR14/C and mount the clock on the wall.





Synchronisation

After insertion of the batteries, the hands are driven to one of the positions 4:00, 8:00 or 12:00, depending on which is the closest to the actual hand position.

When the hands have reached this position the motors will be stopped and the time code detector is switched on. The hands will not move until the time code has been accepted. After the receiving process has finished the hands are driven to show the correct time and the movement starts normal run.

During normal run the movement synchronises every two hours.

A correction is done if necessary (when a difference between received time and displayed time occurs). The correct position of the hands is checked two times per day.

In case the UHF-signal would disappear, the clock continues by means of the built-in quartz crystal.

Technical data

UHF Receiver	
Frequency	869.525 MHz
Sensitivity	1 μ V (-107 dBm)
Demodulation	FSK +/- 25 kHz
Batteries	Alkaline batteries 3 x 1.5V size LR14/C
Estimated running time (up to)	5 years
Working temperature	-5 °C - +55 °C
Receiving time (first receive)	3 min. -
Adjusting time (excl. receive)	max. 3min 10 sec.

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