



## Wireless Time System

### Analogue Clock for Indoor/Outdoor use



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

#### Technical information

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

Housing:	Aluminium in dark grey (RAL 7037)
Dial face:	Mat white with either black numerals 1-12 or hour marks
Hands:	Black hours- and minute hands
Protection:	Convex protection of acrylic plastic
Single sided:	For surface wall mounting
Double sided:	Incl. bracket for either wall mounting, standing on roof or hanging from ceiling
Operation:	Battery (Lithium 3,6V size LR20/D, 16,5 Ah)
Estimated running time (up to)	
Single sided:	2,5 years with one battery and up to 5 years with two batteries
Double sided:	2,5 years with two batteries and up to 5 years with four batteries
Illumination:	230VAC
Working temperature:	-5 °C - +55 °C
Receiving time (first receive):	3 min.
Adjusting time (excl. receive):	max. 3min 10 sec.
UHF Receiver	
Frequency:	869.525 MHz
Sensitivity:	1µV (-107 dBm)
Demodulation:	FSK +/- 25 kHz