Stand-alone clocks

Analogue Clocks type GPS

Westerstrand analogue clocks type GPS are operated and controlled via the satellite navigation system (GPS) with high accuracy. The clock has an active antenna that requires free sight upwards and is only suitable for outdoor use.

Outdoor with aluminium housing
Connection: 230V AC
Sizes: Diameter 400, 600 and 900 mm
Housing: Dark grey aluminium (RAL 7037)
Dial face: Mat white with either black numbers 1-12 or hour marks
Versions: Black hours and minutes hands
Black hours and minutes hands with red second hand
Protection: Convex protection of acrylic glass
Single sided: For surface wall mounting
Double sided: Incl. bracket for either wall mounting, standing on roof or hanging from ceiling.
Hand movement: Sweeping hours, stepping minutes and sweeping seconds

Technical information
Reception of the GPS signal is indicated with a red LED flashing once a second.
Once the clock has received and accepted the GPS signal, it will step forward to the correct time with rapid pulses. The position of the hands is checked automatically at 12.00 and 00.00.
Should the GPS signal disappear for some reason, the clock will continue to run on the internal quartz crystal (± 0.1 sec/24h).

During a power failure the clock is temporarily stopped. Once the power has returned, the hands will rapidly move to the 12 position and wait there until the clock receives a correct time message.

As an option, the clock can be equipped with internal power reserve that will keep the clock running for up to 12 hours in case of a power cut. If the power cut lasts longer, the clock will step automatically to 12 o’clock and await the power and GPS signal. The clock will then be rapid pulsed to the correct time.