



Analogue clock impulse

TECHNICAL MANUAL

WESTERSTRAND URFABRIK AB

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GENERAL

Westerstrand impulse system uses a 24VDC polar impulse to control and operate connected clocks (often called slave clocks). The impulses are distributed by the master clock or time centrals of various design and performance. The clocks are connected in parallel to the master clock/time central via a two-wire cable

Clock installation for minute impulse clock

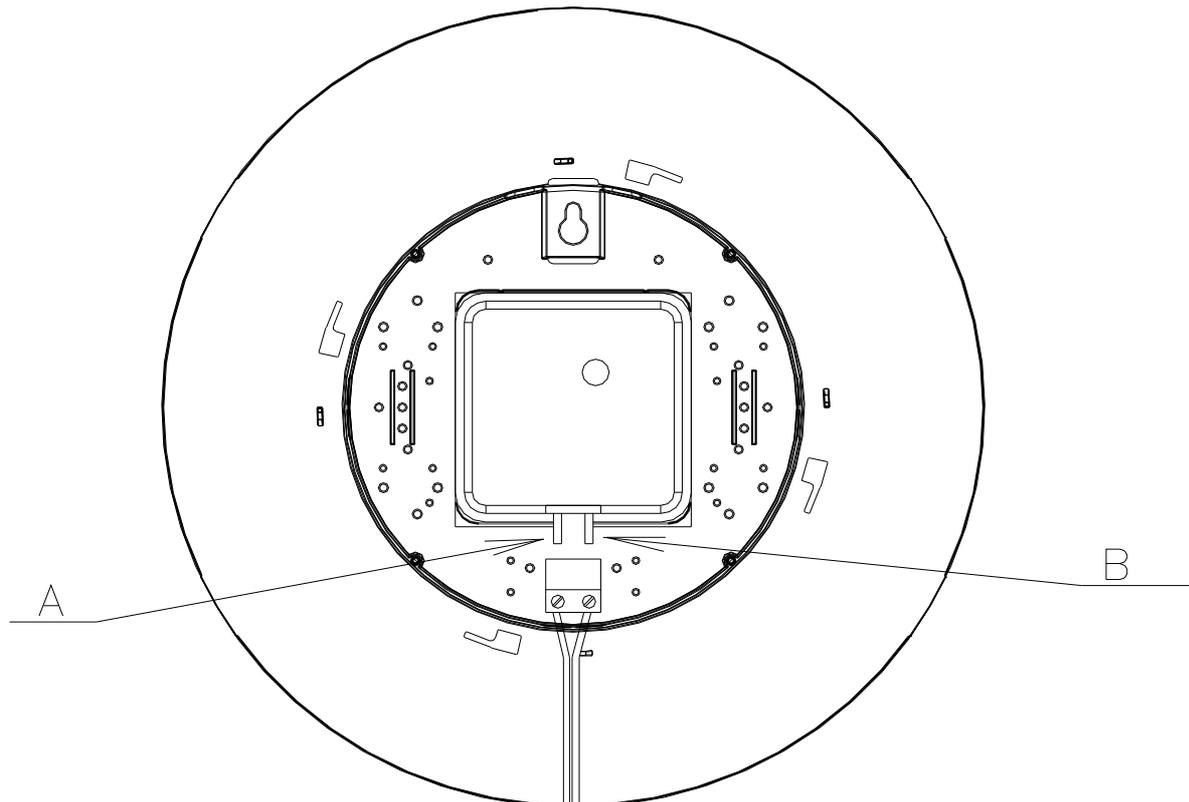
1. When pulse cable coming out from the wall, ensure that cable output is positioned in the shaded area. See fig.2 page 3.
2. When pulse cable wall mounted use the cable inlets. See fig 2. Page 3.
3. Measure and assemble an appropriate mounting screw (not included).
4. Install impulse cable in movement connector see fig. 3.
5. Mount the clock on the wall.
6. Start master clock/time central and do the setting according to the manual for master clock/time central.
7. When movement has stopped, check that the hands are at correct time.
8. If minute hand is one minute fault, change polarity at movement impulse connector. See fig.3 page 4. Then move the hands 2 steps forward by the adjustment screw on the movement. (See fig 2 page 3.)

Clock installation for second impulse clock

1. When pulse cable coming out from the wall, ensure that cable output is positioned in the shaded area. See fig.2 page 3.
2. When pulse cable wall mounted use the cable inlets. See fig 2. Page 3.
3. Measure and assemble an appropriate mounting screw (not included).
4. Install impulse cable in movement connector see fig. 3.
5. Mount the clock on the wall.
6. Start master clock/time central and do the setting according to the manual for master clock/time central.
7. When movement has stopped, check that the hands are at correct time.
8. If second hand is one second fault, change polarity at movement impulse connector. See fig.3 page 4. Then move the hands 2 steps forward by the adjustment screw on the movement. (See fig 2 page 3.)

Fig.3

REAR VIEW



Polarisation rule for minute impulse clock:

If A is positive (+) with respect to B, the minute hand will go to even minute.

If B is positive (+) with respect to A, the minute hand will go to odd minute.

Polarisation rule for second impulse clock:

If A is positive (+) with respect to B, the second hand will go to even second.

If B is positive (+) with respect to A, the second hand will go to odd second.

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Technical data

Design:	Single sided wall mounted indoor clock.
Size:	230-400 mm.
Cover:	ABS plastic.
Dial:	white dial, with black characters 1-12 or hour-minute marks.
Hands:	Black hour- and minute hands. If mounted red second hand.
Protection glass:	Flat protection glass.
Temperature range:	0°C till +50 °C.

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