

Zmodell

1:220

ILLUMINATED
DC 12V

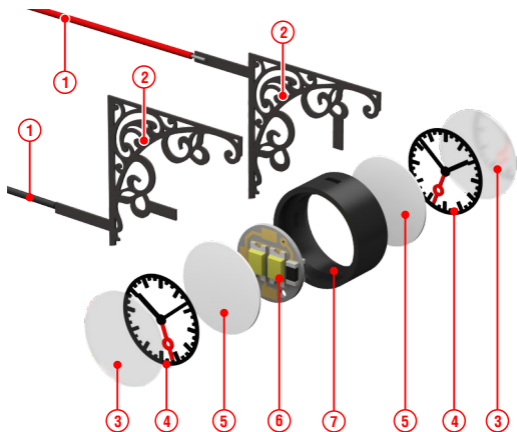
Railway Station Wall Clock

Era I-III



ZM-UHR-03A

Introduction

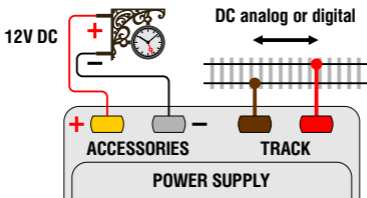


- 1** 200 mm 0.28 mm high flexible multicore cables with PTFE insulation
- 2** 0.1 mm photo-etched nickel silver decorative mounting bracket that serves as a power rail for the LEDs
- 3** Transparent PET film cover
- 4** 0.1 mm photo-etched nickel silver clock face airbrushed with black lacquer with manually painted red second hand
- 5** White PET film background/light diffuser
- 6** 0.2 mm double-sided circuit board with ultra-thin neutral white SMD 0603 LEDs and built-in current limiting resistors
- 7** SLA 3D printed housing with double black lacquer coating

Power

The railway station wall clock should be powered with **8-16 volts DC**. **12 V DC** is recommended. Please observe polarity and connect the clock to the accessories output of the power supply. Please do not connect the device to the track output (analog or digital) or to any AC sources.

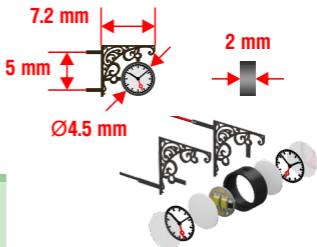
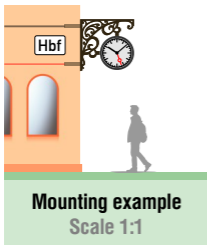
Information: The clock is already equipped with built-in current-limiting resistors and can be connected directly to 8-16V DC power sources. For higher supply voltages (e.g. 16-24V DC), consider using an additional resistor.



Installation

- 1 Attach the self-adhesive drilling stencil to the railway station building wall (or any other suitable vertical surface on the layout) and drill two holes using **0.8 mm** drill bit.
- 2 Remove the stencil and carefully insert the cables into the holes and install the clock in place. The red cable (+) must go into the upper hole, the black cable (-) - into the lower one.
- 3 Fix the clock from the inner side of the building wall with glue. It is recommended to use lasercut glue (for example, **Faller® Expert Lasercut Art. No. 170494**); don't use glues for plastic as they may damage the lacquer coating.
- 4 Connect the clock to the power source. Carefully isolate all bare sections of wire with shrinking tube or insulating tape.

Note: In case you need to shorten the cables, further stripping of the cables is possible only with a special stripping tool for cables with PTFE insulation like **Rennsteig® 8007 5001 3** or **Pro'sKit® 1PK-3001E**.



Ultra-finely detailed model of the railway station wall clock features airbrushed SLA 3D printed housing, dual photo-etched nickel silver decorative mounting bracket and 3-component clock face with realistic 3D effect: white base plate, photo-etched clock hands with red manually painted second hand and outer transparent cover. The clock is double-sided and illuminated with 4 ultra-thin neutral white LEDs.

Quantity: 1x clock, 1x self-adhesive drilling stencil **Scale:** Z scale 1:220

Size: 7.2 x 7 x 2 mm (Width x Height x Clock thickness) **Era:** I-III

Power: 8-16V DC (12V DC recommended)

Power consumption: 1 mA @ 12V DC **Cable length:** 200 mm

Information: The clock is already equipped with built-in current-limiting resistors and can be connected directly to 8-16V DC power sources.

Suitable for: Z scale 1:220 layouts and dioramas

Please see the detailed information about the use of this item inside this booklet.

