

**Z**modell

**1:220**

ILLUMINATED  
DC 12V

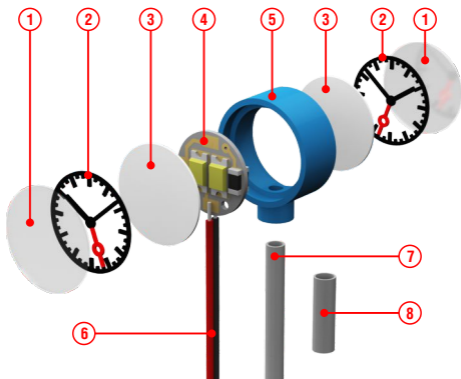
# Station Platform Clock

Germany, Era IV-V



**ZM-UHR-01A**

# Introduction

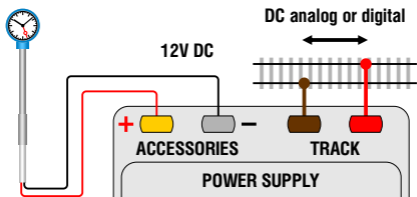


- 1** Transparent PET film cover
- 2** 0.1 mm photo-etched nickel silver clock face airbrushed with black lacquer with manually painted red second hand
- 3** White PET film background/light diffuser
- 4** 0.2 mm double-sided circuit board with ultra-thin neutral white SMD 0603 LEDs and built-in current limiting resistors
- 5** SLA 3D printed housing with triple lacquer coating (1 silver layer + 2 color layers)
- 6** 200 mm  $\varnothing$ 0.28 mm high flexible multicore cables with PTFE insulation
- 7** 0.8 x 0.1 mm stainless steel tube with triple lacquer coating (2 silver layers + 1 clear satin varnish layer)
- 8** 1.1 x 0.1 mm stainless steel tube with triple lacquer coating (2 silver layers + 1 clear satin varnish layer)

## Power

The station platform 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.

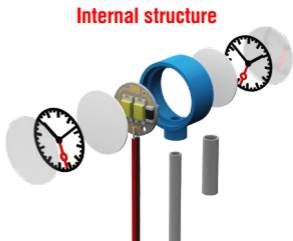
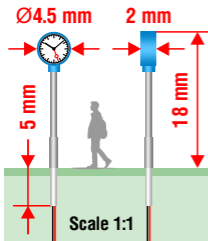
**Information:** The clock is already equipped with built-in current-limiting resistors and can be connected directly to 8-16V DC power sources. For higher supply voltages (e.g. 16-24V DC), consider using an additional resistor.



## Installation

- 1 Drill the hole in the station platform (or any other suitable surface on the layout) using **0.9 mm** drill bit.
- 2 Carefully insert the clock into the hole.
- 3 Fix the lower end of the clock with glue from the bottom side. 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 station platform clock features SLA 3D printed housing, stainless steel pole 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:** 1 piece    **Scale:** Z scale 1:220    **Country:** Germany    **Era:** IV-V

**Size:** 18 x 4.5 x 2 mm (Height above the surface level x Clock diameter x Clock thickness)

**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.

