

## 8100 Product Series Time Reference System Quick Installation Guide

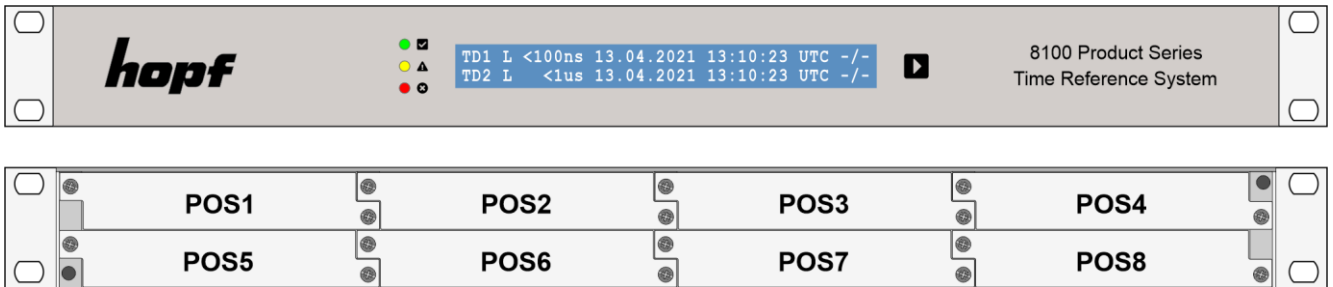


Figure 1: 8100 Product Series (front and rear side)

### Mounting

8100 product series base systems are designed for installation in a 19" control cabinet. Insert the base system into the 19" control cabinet and secure it to the front retaining brackets with 4 screws.



The lateral ventilation openings on the left and right must not be covered. Otherwise, the ventilation is ineffective and the maximum permissible operating temperature of the device is reduced due to insufficient convection and/or thermal coupling with surrounding devices.



Leave 1U (1HE) of free space above and below the device to ensure proper airflow.



Figure 2: Mounting the system with 1U (1HE) free space above and below

## Airflow

The fans draw cool air into the unit, directing the airflow toward the rear, where it exits through the top and bottom ventilation openings.

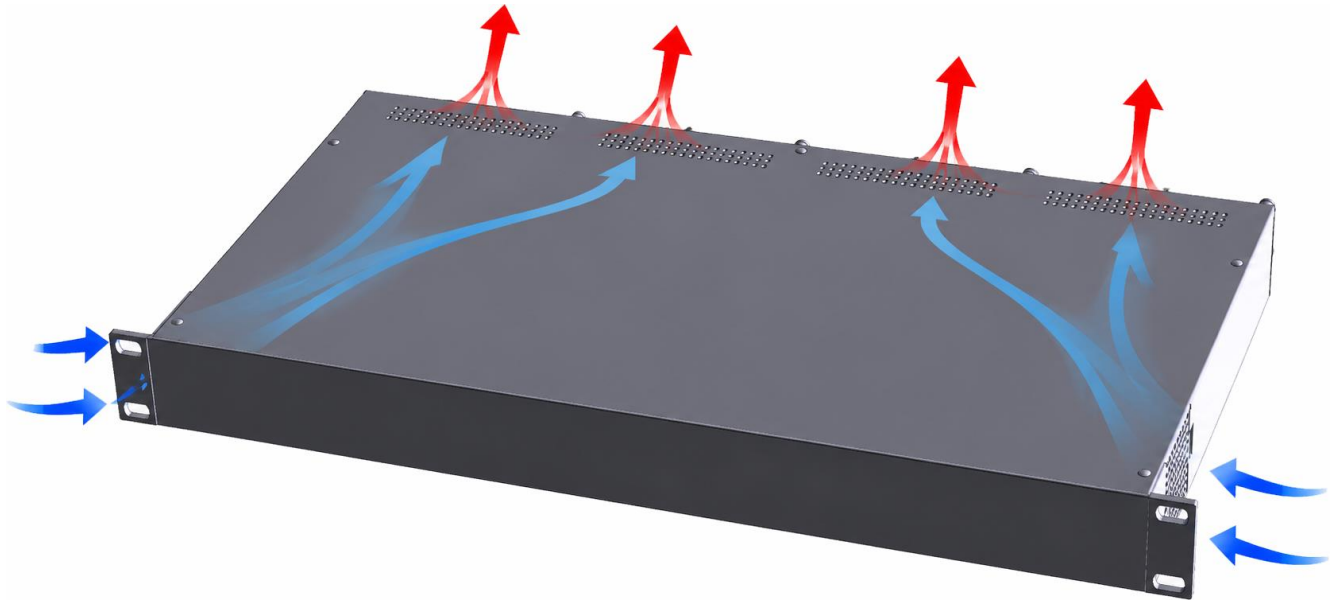


Figure 3: Illustration of the airflow on the top side

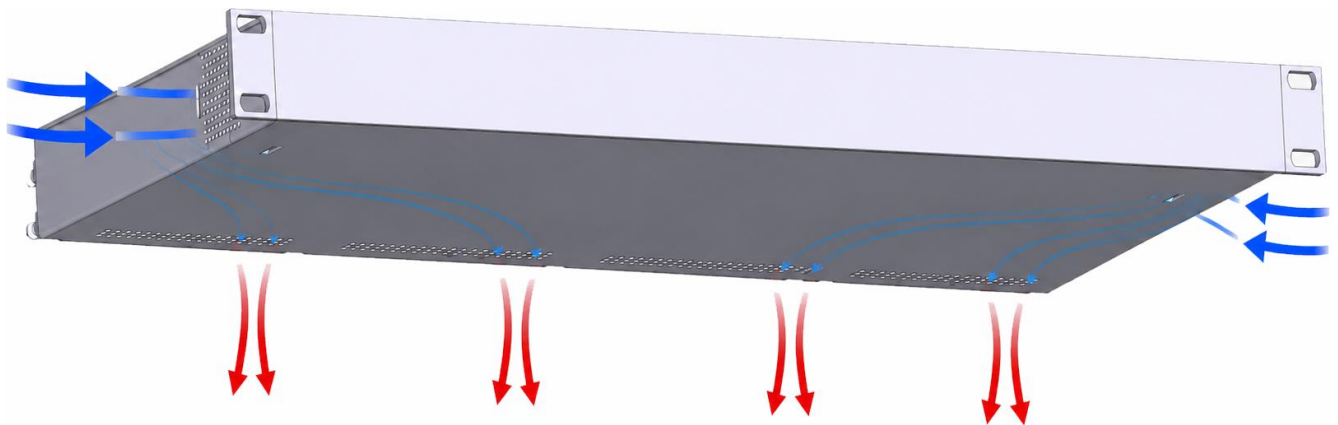


Figure 4: Illustration of the airflow on the bottom side

## Powering and Grounding

1. A grounding cable with a cross-section of at least 1.5mm<sup>2</sup> must be connected to the ground connection of the device.



Figure 5: Grounding of the system

2. Connect the PSU boards (POS1 / POS5) to a proper power supply. Supported voltages can be found on the panels of the PSU boards!

## Initial Access

1. Connect network interface 0 (LAN0) of your Management Board (POS2) to your PC, as shown in the figure. Connect your browser to the device: <https://192.168.0.1/>
2. Login to **hopf** unified management application **huma**® web edition with the following default credentials:
  - username: administrator
  - password: administrator



**Security Note:** Change the default credentials immediately after the initial login to secure the system against unauthorized access.

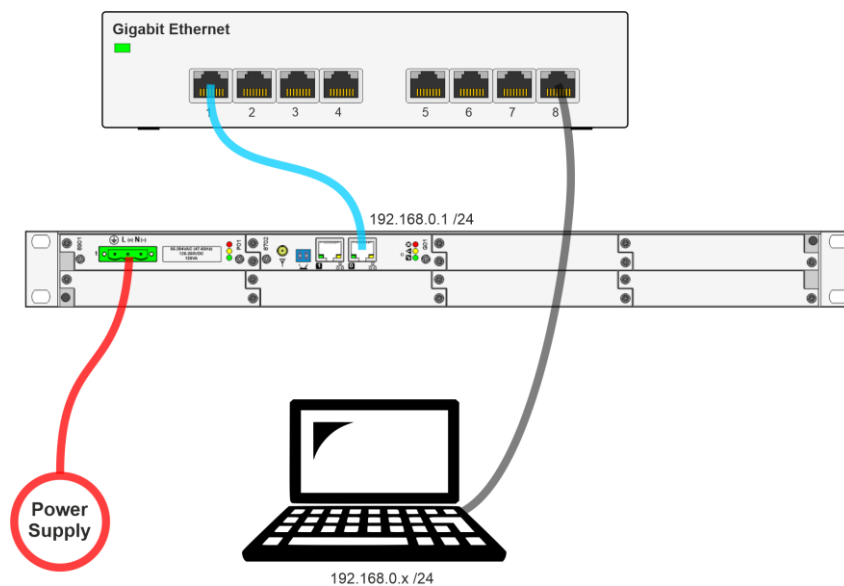


Figure 6: Example of network connection between system 8100 and a PC