



LED Matrix Clock · GNSS Time Source (Red)



The **LED Matrix Clock · GNSS Time Source** is a precision LED digital clock that automatically synchronizes to UTC time using signals from global navigation satellite constellations. Featuring a bright, high-visibility LED display available in red, green, or blue, it is powered by 5V USB-C with an included US-plug adapter. Its internal UPS and rechargeable battery provides approximately 12 hours of backup power during outages, ensuring uninterrupted 24-hour time display.

Features:

- **GNSS Time Source.** GNSS-synchronized UTC timekeeping for exceptional accuracy, with automatic satellite signal acquisition and correction.
- **LED Matrix.** Bright, high-visibility LED display in 24-hour format (HHMMSS), available in Red, Green, or Blue LED variants.
- **Uninterrupted Power.** Internal UPS battery backup for up to 12 hours of operation, with 5V USB-C power input (includes US-plug AC power supply adapter).

Applications:

- Laboratories, R&D, and technical facilities.
- Industrial workstations, manufacturing floors, and control rooms.
- Data centers and critical IT infrastructure.
- Broadcasting studios and media production.
- Field operations, mobile command centers, and remote/temporary sites.
- Transportation hubs, dispatch centers & emergency response.

Availability:

- Production samples of [SKU-YONNE-G01.SR](#) are available from the Project Tarn [Sample Store](#).
- The [SKU-YONNE-G01.SR](#) design is available for licensing – exclusive or non-exclusive manufacturing and distribution licenses are available; please contact licensing@tarn.parts for more information.

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