

OPERATOR INSTRUCTIONS



Keep this area clear of all metal objects to obtain optimum radio transmission range.

Battery Charger

Power Indicator. Flashes when on.



Note:

This Cell is fitted with Li-Poly Batteries. Only use the specified charger.

Notes:

The Power Indicator flashes when the Tension Cell is "on".

Provided the Handset and Tension Cell are within radio range, the Tension Cell transmitter module is activated when the Handset is turned on and shuts off when the Handset is turned off.

The Tension Cell is fitted with 2000 mAh Li-Poly Battery.

Caution: Only charge the battery with the supplied charger

OPERATOR INSTRUCTIONS FOR THE T24- HK-S-DM DISPLAY



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Wireless Telemetry
Handheld Display
for T24 Modules

Portable. Reliable.
Instant wireless
measurement at
your fingertips.

Mantracourt®
Electronics

Wireless Handheld Display

T24-HK-S



The T24-HK-S is a robust handheld device designed to display real-time measurements from any T24 wireless transmitter. It provides engineers and field technicians with instant access to load, pressure, temperature, wind speed or strain readings without the need for fixed equipment or cabling.

KEY FEATURES

- Displays data from up to 12 T24 wireless transmitters
 - Real-time monitoring of load, pressure, torque, strain and more
 - Rugged, IP67-rated handheld with tactile grip design
 - Wireless range up to 800 m (2,600 ft) line of sight
 - Roaming mode: automatically detects nearby transmitters
 - Configurable inputs with overload alerts and calibrated units
 - Easy setup via on-screen menu or free T24 Handheld Toolkit
 - Customisable interface with password protection for advanced users
 - Firmware upgradeable for future features and maths functions
 - Powered by 2 x AA batteries or permanent supply for fixed use
 - Fully compatible and backwards compatible with all T24 systems
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APPLICATION BENEFITS

- Multi-sensor monitoring: View up to 12 transmitters on a single device
 - Onsite flexibility: Portable handheld design for fast field deployment
 - Reduced complexity: One unit replaces multiple legacy handhelds (HS, HR, HLT)
 - Efficient integration: Seamless operation within the T24 ecosystem
 - Operator-friendly: Quick to set up, simple to use, and secure against accidental changes
 - Adaptable: Custom layouts and settings to meet specific project needs
 - Future-proof: Access new functions through free firmware updates
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SYSTEM FLOW

Transmitter

Handheld
T24-HK-S

Laptop Software
T24LOGI00

Cloud Monitor
SensorSpace®



Flexible output options:

- Local
- Desktop
- Cloud

All supported
within the T24
ecosystem.

TECHNICAL SPECIFICATIONS

ENVIRONMENTAL

Operating temperature range

-10 to 50 °C

Storage temperature range (no batteries)

-40 to 85 °C

Maximum humidity

95% RH

Environmental protection with suitable
cables existing through cable glands

IP67 / Nema4

POWER SUPPLY

Internal batteries

2.5 to 3.6 Vdc

2 off AA 1.5V primary cells

BATTERY LIFE

Based on 2 Ah capacity batteries

Continuous operation

35 hours

Standby mode (powered off)

1.5 years

RADIO

Radio type

Licence exempt transceiver

Radio frequency

2.4 GHz

Transmit Power

10 mW

Range

Up to 800 m

ACCESSORIES & INTEGRATION

MODEL		DESCRIPTION
T24-HK-S		Wireless Telemetry Handheld Display Standard
ACCB-CB-A		PSDS / T24-HK-S USB Right Angle Cable 1M
ACCB-MT-C		Screw Mounting Kit with Articulating Arm for T24-HK-S / PSDS
ACCB-MT-D		Suction Mounting Kit with Articulating Arm for T24-HK-S / PSDS

Ready to go Wireless?

VISIT MANTRACOURT.COM:

- Download datasheets and integration guides
- Request a live demo or trial kit
- Contact our engineering sales team