

Wireless Handheld Display
for Broadweigh Eco System

Portable. Reliable.
Instant wireless
measurement at
your fingertips.



WIRELESS HANDHELD DISPLAY BW-HK-S



The Broadweigh BW-HK-S is a rugged handheld display unit designed to work seamlessly with any Broadweigh wireless load monitoring device. It gives riggers and event professionals instant access to real-time measurements such as load measurement and environmental data without the need for laptops, fixed equipment, or cabling. Compact and easy to use, the BW-HK-S provides a reliable solution for quick on-site checks, system setup, and live monitoring in demanding environments. **KNOW MORE. DO MORE.**

KEY FEATURES

- Displays data from up to 12 Broadweigh nearest wireless shackles, cells or transmitters
 - Real-time monitoring of load and wind speed sensors
 - Rugged, IP67-rated handheld with tactile grip design for tough event conditions
 - Wireless range up to 800 m (2,600 ft) line of sight
 - Roaming mode: automatically detects and connects to nearby Broadweigh devices
 - Configurable inputs with overload alerts and calibrated engineering units
 - Easy setup via on-screen menu or free Broadweigh Handheld Toolkit software
 - Customisable interface with password protection for advanced users
 - Firmware upgradeable for future features and advanced maths functions
 - Powered by 2 x AA batteries or permanent supply for fixed use
 - Fully compatible & backwards compatible with the entire Broadweigh ecosystem
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APPLICATION BENEFITS

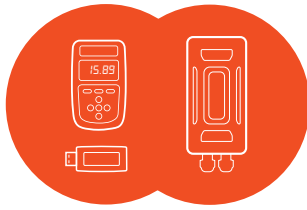
- **Multi-sensor monitoring:** View up to 12 Broadweigh shackles, cells or transmitters on a single device
- **Onsite flexibility:** Portable handheld design allows each rigging team to carry their own unit and monitor lifts directly
- **Reduced complexity:** One unit replaces multiple legacy handhelds
- **Efficient integration:** Works seamlessly within the Broadweigh wireless ecosystem
- **Operator-friendly:** Quick to set up, simple to use, and secure against accidental changes
- **Adaptable:** Custom layouts and settings tailored to specific projects or venues
- **Future-proof:** Access new functions and advanced maths through free firmware updates

SYSTEM FLOW

Shackle
(sensor)



Handhelds
+ Base stations



Laptop
Software



Cloud monitor
SensorSpace



**Flexible
output
options:**

- Local
- Desktop
- Cloud

All supported
within the
Broadweigh
ecosystem.

TECHNICAL SPECIFICATIONS

ENVIRONMENTAL

ENVIRONMENTAL	SPECIFICATION
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
BW-HK-S		Wireless Telemetry Handheld Display Standard
ACC-CB-A		BW-HK-S USB Right Angle Cable 1 m
ACC-MT-C		Screw Mounting Kit with Articulating Arm for BW-HK-S
ACC-MT-D		Suction Mounting Kit with Articulating Arm for BW-HK-S

READY TO GO WIRELESS?

VISIT [BROADWEIGH.COM](https://broadweigh.com):

- Download datasheets and integration guides
- Request a live demo or trial kit
- Contact our product specialist