HATbat

- Customized layout of push buttons and display
- Graphic display 102 × 64 dots with backlight for indicating HATOX-specific data (signal strength, battery condition, frequency indication, etc.) and data feedback via CAN-Bus
- Disposable standard-AA-batteries or rechargeable batteries may be used
- Permanent operation (without backlight) of up to 40 hours possible with rechargeable batteries of 2700mAh
- "Listen before talk"-technology with automatic frequency management for higher operational safety
- Several systems can be operated at the same time without disturbing each other

Technical data is subject to change without notice

General technical data

Temperature range	–20° to +80°C
Type of protection	IP 65 (higher on request)
Housing	PA6.6 / 30% GF
Technology	Transceiver (bidirectional, half-duplex)
Frequency	433.075–434.775 MHz (69 channels) / Europe / 902–928MHz / USA & CANADA
Output Power	adjustable up to 10 mW
Modulation	FSK
Transmission method	TDMA (Time Division Multiple Access) mit
- technolgy for Europe	Distance
approx. 300 meters / 1000 feet (depending on environment)	Supply voltage
2.0 ... 4.5 V DC (2 AA-NiMh-cells)	Power consumption
60 mA @ 2.4 V DC	Weight Batteries
135 g (without batteries)	Size
+ 60g	