



- Rubber housing for extreme rough applications
- Customized assembling of joysticks, push buttons and display
- Graphic display 128 × 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 up to 40 hours possible (without backlight) with rechargeable batteries of 2700 mAh
- “Listen before talk”-technology with automatic frequency management for higher operational safety or frequency hopping for USA and Canada
- Several systems can be operated at the same time without disturbing each other

General Technical Specification	
<i>Temperature range</i>	–20° to +80°C (optionally with heating foil –40° to +80°C)
<i>Type of protection</i>	IP 65 (higher on request)
<i>Housing</i>	TPE
<i>Technology</i>	Transceiver (bidirectional, half-duplex)
<i>Frequency</i>	433,075 – 434,775 MHz (69 channels) / Europe; 902 – 928 MHz / USA + Canada
<i>Output Power</i>	adjustable up to 10 mW
<i>Modulation</i>	FSK
<i>Transmission method</i>	TDMA (Time Division Multiple Access) with “Listen-before-talk” technology for Europe; Frequency hopping for USA + Canada
<i>Range</i>	depending on installation and environment
<i>Supply voltage</i>	2,0 ... 4,5 V DC (2 AA-NiMh-cells)
<i>Power consumption</i>	110 mA @ 2,4 V DC
<i>Weight (without batteries) batteries + 60g</i>	750 g
<i>Size</i>	18,5 × 11,5 × 10,0 cm / 7.3 × 4.5 × 3.9 inch (length × width × height) (depending on type)