



- 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<br>(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<br>(69 channels) / Europe;<br>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)<br>with “Listen-before-talk” technology for Europe;<br>Frequency hopping for USA + Canada |
| <i>Distance</i>                                       | > 300 meters / 1000 feet   |
| <i>Supply voltage</i>                                 | 2,0 ... 4,5 V DC (2 AA-NiMh-cells)   |
| <i>Power consumption</i>                              | 65 mA @ 2,4 V DC   |
| <i>Weight (without batteries)<br/>batteries + 60g</i> | 990 g  |
| <i>Size</i>   | 28,5 × 20,5 × 15,5 cm (length × width × height)  |