RACcon digital

- Customized assembling of 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
- Charging station optionally available
- "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

Technical data is subject to change without notice

General technical data

Temperature range	–20° to +80°C (optionally with heating foil –40° 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 / 902–928Mz / USA & CANADA
Output Power	adjustable up to 10 mW
Modulation	FSK
Transmission method	TDMA (Time Division Multiple Access) for Europe Frequency hopping for USA & CANADA
Distance	approx. 300 meters / 1000 feet (depending on environment)
Supply voltage	2.0 .. 4.5 V DC (2 AA-NiMh-cells)
Power consumption	65 mA @ 2.4 V DC
Weight Batteries	135 g (without batteries) + 60g
Size	21.5 × 8.5 × 3.0 cm (length × width × height) without emergency-stop

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