

Data Sheet

Remote Control IK2 Transmitter

This remote control Transmitter is highly customizable with many features and accessories. These remote controls also support the operator with an ergonomic design that allows for safe and efficient operation.

Features

- Up to 2 joysticks or 4 paddles
- Available for 400-900 MHz and 2.4 GHz Frequency Bands
- Highly customizable
- 128x64 Graphic LCD
- External removable EEPROM SIM module

Benefits

- Easy and fast maintenance
- High resistance to impacts
- Innovative ergonomics
- Non-slip handles
- Frequency management against interferences

Applications

- Industrial lifting and automation
- Construction and mining vehicles
- Cranes
- Industrial vehicles
- Agriculture and forestry
- Maritime



Comprehensive technical literature is
online at www.danfoss.com

Description	Value
Stop Function (400 - 900 MHz)	Cat. 3-PLd
Stop Function (2.4 GHz)	Cat3 - PLe
Ingress Protection rating	IP65/NEMA4
Anti-condensation system	Goretex Film
Frequency band - ERP	433.050 to 434.040 MHz; ERP<1 mW
	434.040 to 434.790 MHz; ERP<10mW
	869.700 to 870.000 MHz; ERP<5 mW
	902.000 to 928.000 MHz; ERP<1mW
	2405MHz to 2475MHz ; ERP 20dBm/100mW
Range Line of sight (guaranteed)	100m
Main mechanisms (maximum number)	Joystick (2) or Paddle (4)
Auxiliary mechanisms	Pushbutton, toggle and rotary switches
Removable EEPROM	External
Battery model	BT11K
Battery life	8 hours
Response Time	100ms
Operating temperature range	-20 °C to 70 °C (-4 °F to 158 °F)
Storage Temperature Range (24h)	-25°C to 75°C (-13°F to 167°F)
Storage Temperature Range (long periods)	-25°C to 55°C (-13°F to 131°F)
Relative Humidity	max. 95% without condensation
Weight (with battery)	950 grams
Dimensions LxWxH mm	184 x 173.4 x 158.7
Harness	Belt/shoulder strap
Available Options	
Display	128x64 Graphic LCD
LED Panel	Yes (up to 8 LEDs)
Tether connector	Yes (M12 Connector)
Range limiter	Yes
Associated receivers (400-900MHz)	R06, R13, R70, MPCAN, MP08, MP20
Associated receivers (2.4GHz)	R11, R13F, MP08, MPCAN, MP20

BC70K battery charger

Specification	Value
AC power supply	110-230V, 50/60Hz, ± 10%, automatic switching
DC power supply, nominal	12-24V

BT11K battery

Specification	Value
Voltage	3.7V
Capacity	1130 mAh Li-ion
Charging temperature	0°C to 45°C
Discharge temperature	-20°C to 60°C
Charging mode	Fast (<2.5h and intelligent)
Weight	23g