

Datasheet

Remote Control IK1 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
- Available for 2.4 GHz Frequency Band
- Highly customizable
- 128x64 Graphic LCD
- External removable EEPROM SIM module

Benefits

- Easy and fast maintenance
- High resistance to impacts
- Innovative ergonomics
- Non-slip Pistol Grip handle

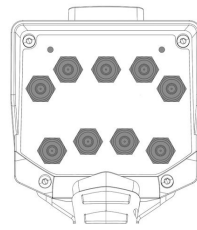
Applications

- Utility Cranes and vehicles
- Construction and mining vehicles
- Agriculture and forestry

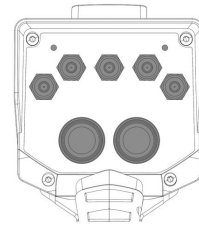


Comprehensive
technical literature is
online at
www.danfoss.com

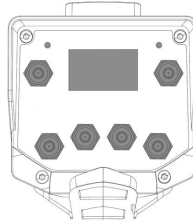
Description	Value	
Stop Function (2.4 GHz)	Cat3 - PLe	
Ingress Protection rating	IP66/NEMA4	
Anti-condensation system	Goretex Film	
Frequency band - ERP	2405MHz to 2475MHz ; ERP 20dBm/100mW	
Range Line of sight (guaranteed)	100m	
Main mechanisms (maximum number)	Thumb Joysticks (2)	
Auxiliary mechanisms	up to 9 toggle switches	
Side Buttons	up to 6 buttons	
Trigger (with Pistol Grip)	Proportional Trigger	
Removable EEPROM	External	
Battery model	Alkaline Battery Pack (4xAA Batteries)	BT11K
Battery life	15 - 24 hours	7 - 11 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)	800 grams	
Dimensions LxWxH mm	268.3 x 125 x 123.4	
Harness	magnets on grip to stick on metallic surfaces	
Available Options		
Display	128x64 Graphic LCD	
LED Panel	na	
Tether connector	Yes (M12 Connector)	
Range limiter	na	
Associated receivers (2.4GHz)	MP08, MPCAN, MP20, R11, R13F	



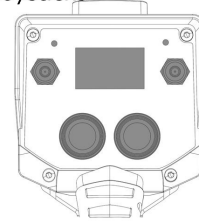
Up to 9 Toggle Switches or buttons



Up to 5 Toggle Switches + 2 Thumb Joysticks



Up to 6 Toggle Switches + LCD Display



2 Toggle Switches + 2 Thumb Joysticks + LCD Display

The model code generation is based on a model code:

1. Family: IK1
 2. Variant: G Pistol Grip, B Console Box
 3. Power Supply: 1: Alkaline Batteries, 2: NiMH Rechargeable Batteries, 3: Li-Ion Rechargeable Batteries
 4. Charging Type: N: No Charger, D: Docking Station, C: Battery Charge
- Example:
- IK1 - G1N (with Pistol Grip, alkaline batteries and no charger)
- IK1 - G3C (with Pistol Grip, Li-Ion battery and BC70 charger)
- IK1 - G3D (with Pistol Grip, Li-Ion battery and Docking station)
- IK1 – B1N (console Box Style, alkaline batteries and no charger)