

ENGINEERING  
TOMORROW*Danfoss*

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



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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 (normal conditions)	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
<b>Available Options</b>	
Display	128x64 Graphic LCD
LED Panel	Yes (up to 8 LEDs)
Cable connector	Yes (M12 Connector)
Range limiter	Yes
Associated receivers	R06, R13, R70, MPCAN, MP08, 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

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# Remote Control IK3 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 3 joysticks or 6 paddles
- Available for 400-900 MHz and 2.4 GHz Frequency Bands
- Highly customizable
- 3.5-inch color TFT display
- 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



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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 (normal conditions)	100m
Main mechanisms (maximum number)	Joystick (3) or Paddle (6)
Auxiliary mechanisms	Pushbutton, toggle and rotary switches
Removable EEPROM	External
Battery model	BT27IK
Battery life	10 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)	1780 grams
Dimensions LxWxH mm	245,04x216,56x181,16
Harness	Belt/shoulder strap
<b>Available Options</b>	
Display	3.5-inch color TFT
LED Panel	Yes ( up to 12 LEDs)
Cable connector	Yes (M12 Connector)
Range limiter	Yes
Associated receivers	R06, R13, R70, R70 PLUS, MPCAN, MP20

*CB70 battery charger*

Specification	Value
Standard AC power supply	230 Vca ± 10%, 50
Optional AC power supply	115 Vca, 60 Hz
DC power supply	From 10.5 V to 35 V

*BT27IK battery*

Specification	Value
Voltage	4.8 V
Capacity	2700 mAh NiMH
Charging temperature	From 0° C to 45° C
Discharge temperature	From -20° C to 50° C
Autonomy	From 8 to 15 h (configuration dependant)
Charging mode	7h and intelligent
Weight	156.3 g

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# Remote Control IK4 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 4 joysticks or 8 paddles
- Available for 400-900 MHz and 2.4 GHz Frequency Bands
- Highly customizable
- 3.5-inch color TFT display
- 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



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Description	Value
Stop Function (400 - 900 MHz)	Cat. 3-PLd
Stop Function (2.4 GHz)	Cat. 3-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 (normal conditions)	100m
Main mechanisms (maximum number)	Joystick (4) or Paddle (8)
Auxiliary mechanisms	Push button, toggle and rotary switches
Removable EEPROM	External
Battery model	BT27IK
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)	2300 grams
Dimensions LxWxH mm	334,81x221,68x185,09
Harness	Belt/shoulder strap
<b>Available Options</b>	
Display	3.5-inch color TFT
LED Panel	Yes (up to 12 LEDs)
Cable connector	Yes (M12 Connector)
Range limiter	Yes
Associated receivers	R13, R70, R70 PLUS, MPCAN, MP20

*CB70 battery charger*

Specification	Value
Standard AC power supply	230 Vca ± 10%, 50
Optional AC power supply	115 Vca, 60 Hz
DC power supply	From 10.5 V to 35 V

*BT27IK battery*

Specification	Value
Voltage	4.8 V
Capacity	2700 mAh NiMH
Charging temperature	From 0° C to 45° C
Discharge temperature	From -20° C to 50° C
Autonomy	From 8 to 15 h (configuration dependant)
Charging mode	7h and intelligent
Weight	156.3 g

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