

Data Sheet

# Ikargo1 Transmitter

## Remote Control

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

- High-sensitivity two-step push button
- Multi-band Radio with Full-Duplex communication
- External removable EEPROM SIM module
- Frequency management against interferences

### Benefits

- Highly customizable
- Easy and fast maintenance
- High resistance to impacts
- Improved ergonomics
- Screen display

### Applications

- Used in lifting applications
- Used in crane applications

---

Comprehensive technical literature is online at [www.danfoss.com](http://www.danfoss.com)

---





Technical data

Specification	Value
Stop function (400-900 MHz)	Cat. 3-PLd
Ingress Protection	IP65/NEMA4
Anti-condensation system	N/A
Frequency bands - ERP	869.700 to 870.000 MHz; ERP<5 mW
	433.050 to 434.040 MHz; ERP<1 mW
	434.040 to 434.790 MHz; ERP<10mW
	902.000 to 928.000 MHz; ERP<1mW
Range Line of sight (guaranteed)	100m
Main mechanisms	Pushbutton (6) + Multikey(1) + STOP
Auxiliary mechanisms	N/A
Removable EEPROM	External
Battery model	BT11K
Battery life	8 hours (100% duty cycle)
Response time	100ms
Operating temperature	-20°C to 70° C (-4° 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)	400g
Dimensions LxWxH mm	202x68x60
Harness	Hand/shoulder strap
Display	Yes
<b>Options</b>	
Cable connection	N/A
Range limiter	Yes
Associated receivers (400-900 MHz)	R06, R13 B, R13 F, R70

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

Danfoss can accept no responsibility for possible errors in catalogues, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without subsequent changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.