

# Raca Parts

Your all-in-one industrial  
remote control parts supplier



**Brochure 2020**

# Introduction

## Industrial remote control parts

**Raca Parts (part of Raca Group B.V.) was founded in 1996 in the Netherlands. Originally started with compatible batteries and chargers, we have expanded to become a leading one-stop shop in the field of remote control parts and systems.**

### Our products

Our extensive assortment of remote control parts includes original transmitters, original receivers, original accessories, complete remote control sets, original and compatible batteries, and original and compatible chargers of primary remote control brands like Scanreco, Autec, NBB, Palfinger, Ikusi/Danfoss, Abitron and Itowa. We deliver to remote control dealers and professional demolition and crane companies all over the world.

### Worldwide order and delivery

As a player on the world market, our logistics are oriented towards service and speed. It is easy and safe to order from us. You can order via our website, by mail or telephone, after which you will receive your desired articles very quickly by our distribution partner UPS.

## Why choosing Raca Parts?



One-stop shop  
**All remote control parts**



ISO 9001:2015  
**Certified**



30 years experience  
**Based in the Netherlands**



Secured online  
**Order and payment**



Worldwide  
**Order and delivery**



Original Equipment  
**Guarantee**





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ISO 9001:2015

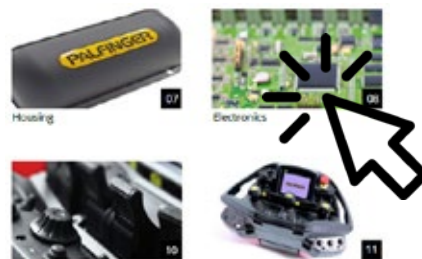
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# Remote control parts

## Palfinger



**Palfinger is the leading producer in the field of loader cranes. With an excellent range and wide range of options, Palfinger offers a suitable solution for every loading and unloading problem. At Raca Parts you can find the complete assortment of parts and systems designed by Palfinger.**

The remote control sets from PALFINGER are unique and often designed for specific situations. Contact our account manager for further advice. Look for more information on [www.racaparts.com/palfinger](http://www.racaparts.com/palfinger)



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# Remote control parts

## Palfinger



Housing	
Code	Description
KMH04445A	Base Small
KMG04164A	Base large
EEA2759	Cover
EZ6496	Cover
HXE4676	Blind cover Linear lever
HXE4621	Cover Linear lever small back
HXE4622	Cover Linear lever small front
HXE4677	Blind cover joystick
HXE4623	Cover joystick small back
HXE4624	Cover joystick small front
HXE4400	Cover Linear lever large back
HXE4399	Cover Linear lever large front
HXE4402	Cover joystick large back
HXE4401	Cover joystick large front
KMC04777A	Blind cover left empty
EEA14481	Display
KMG04448A	Handle parts
KMG04167A	Handle parts
HXE4398	Holder
EEA4797	Housing Top Cross Lever Control without display XL 3K
EEA4798	Housing Top Cross Lever Control XL 3K LED
EEA4799	Housing Top Linear Lever Control without display XL 8L
EEA4800	Housing Top Linear Lever Control XL 8L LED
EK1230	Seal for Housing base
EEA6189	Housing Top
EEA4715	Housing Top Linear Lever control
EEA4709	Housing Top Cross Lever control
EEA4914	Housing Top Linear Lever control
EEA4859	Housing Top Cross Lever control
KMG04447A	Housing Top Linear Lever
KMG04446A	Housing Top joystick
KMG04166A	Housing Top Linear Lever
KMG04165A	Housing Top joystick
EEA4801	Housing Base display XL 3V PA1
EEA4802	Housing Base without display XL 3V PA2
EEA4787	Housing Base
EEA4708	Housing Base
EEA5531	Attachment board Joystick
EEA14474	Breather membrane
EEA4776	Breather membrane
KMG04773A	Panel P-drive
KMC04779A	Panel 4 sections left
KMC04778A	Panel 3 sections left

# Remote control parts

## Palfinger



Housing	
Code	Description
KMG04447A	Housing Top Linear Lever
KMG04446A	Housing Top joystick
KMG04166A	Housing Top Linear Lever
KMG04165A	Housing Top joystick
EEA4801	Housing Base display XL 3V PA1
EEA4802	Housing Base without display XL 3V PA2
EEA4787	Housing Base
EEA4708	Housing Base
EEA5531	Attachment board Joystick
EEA14474	Breather membrane
EEA4776	Breather membrane
KMG04773A	Panel P-drive
KMC04779A	Panel 4 sections left
KMC04778A	Panel 3 sections left
EK1191	Planking plate
EK1192	Planking plate
EEA4717	Planking plate
EK1228	Planking Plate Cross Lever control
EK2541	Planking Plate Linear Lever control
EEA4789	Housing with Switch with LED, Cross lever control
EEA5056	Housing with Switch without LED, Cross lever control
EEA5057	Housing with Switch with LED, Linear lever control
EEA4858	Housing with Switch without LED, Linear lever control
EEA14482	Housing with Switch Cross Lever Control
EEA14483	Housing with Switch Linear Lever Control
EEA5629	Housing with Switch Linear Lever control
EEA5630	Housing with Switch Cross Lever control

Electronics	
Code	Description
EEA5540	Attachment board
EEA5530	Attachment board Linear
EEA5539	Attachment board
EEA5528	Attachment board Linear
EEA5532	High frequency part (Europe Frequency) 433 MHz
EEA5533	High frequency part (USA/CDN Frequency)



# Remote control parts

## Palfinger



Joysticks	
Code	Description
EEA10515	Joystick (two axis)
EEA10516	Joystick (three axis)
EEA5529	Attachment board Joystick
EEA4748	Cross levers (three axis)
EEA4747	Cross levers (two axis)
EEA2598	Linear lever
EEA4784	Cross Levers
EEA2506	Linear levers (5-pole) L1
EEA9901	Linear levers (4-pole) L2
EEA4000	Cross Levers 2 axis
EEA4001	Cross Levers 3 axis
EEA4916	Attachment board Cross Lever control
EEA5470	Attachment board Linear Lever control L2
EEA9907	Attachment board Linear Lever control
EEA9908	Attachment board Cross Lever control
EEA10514B	Linear Lever

# Remote control parts

## Palfinger



Switches	
Code	Description
EEA3846	Emergency cut off button
EEA3850	Push button
EEA4751	Push button
EEA2570	Push button
EK1461	Safety stirrup Emergency cut off button
EEA5589	Rubber cap push button
EK1217	Rubber cap
EEA2578	Cap
EEA2583	Cap
EEA4301	Cap for Housing Base
EEA4430	Cap 2 positions
EEA4301	Cap
EEA5543	Rubber cap short
EEA5592	Rubber cap long
EK2997	Cartridge
EEA4786	Emergency cut off
EEA5438	Emergency cut-off Button
EEA5569	Emergency cut-off
EK1195	Frame 24 x 24 x 8 mm
HXE4408	Key
EK1194	Knob
HXE4406	P-drive Knob
HXE4407	Rotary knob
EEA4714	Plug for Housing Base
EEA4749	Rotary Switch
EZ2173	Rubber cap for Toggle Switch
EZ2645	Rubber cap for Toggle Switch
EEA4752	Toggle Switch R-0-R
EEA4753	Toggle Switch T-0-T
EEA4755	Toggle Switch 0-R
EEA4804	Toggle Switch 0-R
EEA4013	Rocker Switch ON-ON
EEA2582	Rocker Switch ON-OFF-ON
EEA2569	Rocker Switch ON-OFF-ON
EEA4059	Rocker Switch ON-OFF-ON
EEA14486	Switch contact
EEA5575	Switch unit right
EEA11386	Switch unit right back
EEA11387	Switch unit left back
KMG04168A	Switch unit left

# Remote control parts

## Palfinger



Sets	
Code	Description
EEA12712	Portable control large (Europe Frequency) 433 MHz
EEA14097	Portable control large (USA/CDN Frequency)
EEA12713	Portable control large (Europe Frequency) 433 MHz
EEA14098	Portable control large (USA/CDN Frequency)
EEA12714	Portable control large (Europe Frequency) 433 MHz
EEA14099	Portable control large (USA/CDN Frequency)
EEA14152	Portable control large (Europe Frequency) 433 MHz
EEA14153	Portable control large (USA/CDN Frequency)
EEA14719	Portable control large (Europe Frequency) 433 MHz
EEA14720	Portable control large (USA/CDN Frequency)
EEA5595A+00013	Portable control large (Europe Frequency) 433 MHz
EEA5595A+00113	Portable control large (USA/CDN Frequency)
EEA5595A+00014	Portable control large (Europe Frequency) 433 MHz
EEA5595A+00114	Portable control large (USA/CDN Frequency)
EEA5595A+00015	Portable control large (Europe Frequency) 433 MHz
EEA5595A+00115	Portable control large (USA/CDN Frequency)
EEA5595A+00016	Portable control large (Europe Frequency) 433 MHz
EEA5595A+00116	Portable control large (USA/CDN Frequency)
EEA5595A+00017	Portable control large (Europe Frequency) 433 MHz
EEA5595A+00117	Portable control large (USA/CDN Frequency)
EEA5595A+00018	Portable control large (Europe Frequency) 433 MHz
EEA5595A+00118	Portable control large (USA/CDN Frequency)
EEA5595A+00019	Portable control large (Europe Frequency) 433 MHz
EEA5595A+00119	Portable control large (USA/CDN Frequency)
EEA5595A+00020	Portable control large (Europe Frequency) 433 MHz
EEA5595A+00120	Portable control large (USA/CDN Frequency)
EEA5595A+00021	Portable control large (Europe Frequency) 433 MHz
EEA5595A+00121	Portable control large (USA/CDN Frequency)
EEA5595A+00022	Portable control large (Europe Frequency) 433 MHz
EEA5595A+00122	Portable control large (USA/CDN Frequency)

# Remote control parts

## Palfinger



Sets	
Code	Description
EEA5595A+00023	Portable control large (Europe Frequency) 433 MHz
EEA5595A+00123	Portable control large (USA/CDN Frequency)
EEA5595A+00024	Portable control large (Europe Frequency) 433 MHz
EEA5595A+00124	Portable control large (USA/CDN Frequency)
EEA5595A+00025	Portable control large (Europe Frequency) 433 MHz
EEA5595A+00125	Portable control large (USA/CDN Frequency)
EEA5595A+00026	Portable control large (Europe Frequency) 433 MHz
EEA5595A+00126	Portable control large (USA/CDN Frequency)
EEA5595A+00027	Portable control large (Europe Frequency) 433 MHz
EEA5595A+00127	Portable control large (USA/CDN Frequency)
EEA5595A+00028	Portable control large (Europe Frequency) 433 MHz
EEA5595A+00128	Portable control large (USA/CDN Frequency)
EEA5595A+00029	Portable control large (Europe Frequency) 433 MHz
EEA5595A+00129	Portable control large (USA/CDN Frequency)
EEA5595A+00030	Portable control large (Europe Frequency) 433 MHz
EEA5595A+00130	Portable control large (USA/CDN Frequency)
EEA5595A+00031	Portable control large (Europe Frequency) 433 MHz
EEA5595A+00131	Portable control large (USA/CDN Frequency)
EEA5595A+00032	Portable control large (Europe Frequency) 433 MHz
EEA5595A+00132	Portable control large (USA/CDN Frequency)
EEA5595A+00033	Portable control large (Europe Frequency) 433 MHz
EEA5595A+00133	Portable control large (USA/CDN Frequency)
EEA5595A+00034	Portable control large (Europe Frequency) 433 MHz
EEA5595A+00134	Portable control large (USA/CDN Frequency)
EEA5595A+00035	Portable control large (Europe Frequency) 433 MHz
EEA5595A+00135	Portable control large (USA/CDN Frequency)
EEA5595A+00036	Portable control large (Europe Frequency) 433 MHz
EEA5595A+00136	Portable control large (USA/CDN Frequency)
EEA5595A+00037	Portable control large (Europe Frequency) 433 MHz
EEA5595A+00137	Portable control large (USA/CDN Frequency)
EEA5595A+00038	Portable control large (Europe Frequency) 433 MHz
EEA5595A+00138	Portable control large (USA/CDN Frequency)
EEA5595A+00039	Portable control large (Europe Frequency) 433 MHz
EEA5595A+00139	Portable control large (USA/CDN Frequency)
EEA5595A+00040	Portable control large (Europe Frequency) 433 MHz
EEA5595A+00140	Portable control large (USA/CDN Frequency)
EEA5595A+00041	Portable control large (Europe Frequency) 433 MHz
EEA5595A+00141	Portable control large (USA/CDN Frequency)
EEA5595A+00042	Portable control large (Europe Frequency) 433 MHz
EEA5595A+00142	Portable control large (USA/CDN Frequency)
EEA5595A+00043	Portable control large (Europe Frequency) 433 MHz
EEA5595A+00143	Portable control large (USA/CDN Frequency)

# Remote control parts

## Palfinger



Sets	
Code	Description
EEA5595A+00044	Portable control large (Europe Frequency) 433 MHz
EEA5595A+00144	Portable control large (USA/CDN Frequency)
EEA5595A+00045	Portable control large (Europe Frequency) 433 MHz
EEA5595A+00145	Portable control large (USA/CDN Frequency)
EEA12710	Portable control small (Europe Frequency) 433 MHz
EEA14095	Portable control small (USA/CDN Frequency)
EEA12711	Portable control small (Europe Frequency) 433 MHz
EEA14096	Portable control small (USA/CDN Frequency)
EEA5631	Portable control small (Europe Frequency) 433 MHz
EEA14091	Portable control small (USA/CDN Frequency)
EEA5632	Portable control small (Europe Frequency) 433 MHz
EEA14092	Portable control small (USA/CDN Frequency)
EEA5595A+00001	Portable control small (Europe Frequency) 433 MHz
EEA5595A+00101	Portable control small (USA/CDN Frequency)
EEA5595A+00001	Portable control small (Europe Frequency) 433 MHz
EEA5595A+00102	Portable control small (USA/CDN Frequency)
EEA5595A+00003	Portable control small (Europe Frequency) 433 MHz
EEA5595A+00103	Portable control small (USA/CDN Frequency)
EEA5595A+00004	Portable control small (Europe Frequency) 433 MHz
EEA5595A+00104	Portable control small (USA/CDN Frequency)
EEA5595A+00005	Portable control small (Europe Frequency) 433 MHz
EEA5595A+00105	Portable control small (USA/CDN Frequency)
EEA5595A+00006	Portable control small (Europe Frequency) 433 MHz
EEA5595A+00106	Portable control small (USA/CDN Frequency)
EEA5595A+00007	Portable control small (Europe Frequency) 433 MHz
EEA5595A+00107	Portable control small (USA/CDN Frequency)
EEA5595A+00008	Portable control small (Europe Frequency) 433 MHz
EEA5595A+00108	Portable control small (USA/CDN Frequency)
EEA5595A+00009	Portable control small (Europe Frequency) 433 MHz
EEA5595A+00109	Portable control small (USA/CDN Frequency)
EEA5595A+00010	Portable control small (Europe Frequency) 433 MHz
EEA5595A+00110	Portable control small (USA/CDN Frequency)

# Remote control parts

## Palfinger



Sets	
Code	Description
EEA5595A+00011	Portable control small (Europe Frequency) 433 MHz
EEA5595A+00111	Portable control small (USA/CDN Frequency)
EEA5595A+00012	Portable control small (Europe Frequency) 433 MHz
EEA5595A+00112	Portable control small (USA/CDN Frequency)
EEA4509	Transmitter 6 Sections (Europe frequency) 433 MHz
EEA4523	Transmitter 6 Sections (USA/CDN frequency)
EEA4510	Transmitter 6 Sections without display (Europe frequency) 433 MHz
EEA4524	Transmitter 6 Sections without display (USA/CDN frequency)
EEA4511	Transmitter 7 Sections (Europe frequency) 433 MHz
EEA4525	Transmitter 7 Sections (USA/CDN frequency)
EEA4512	Transmitter 7 Sections without display (Europe frequency) 433 MHz
EEA4526	Transmitter 7 Sections without display (USA/CDN frequency)
EEA4513	Transmitter 8/6 Sections (Europe frequency) 433 MHz
EEA4527	Transmitter 8/6 Sections (USA/CDN frequency)
EEA4514	Transmitter 9/7+8 Sections (Europe frequency) 433 MHz
EEA4528	Transmitter 9/7+8 Sections (USA/CDN frequency)
EEA4501	Transmitter 6 Sections (Europe frequency) 433 MHz
EEA4515	Transmitter 6 Sections (USA/CDN frequency)
EEA4502	Transmitter 6 Sections without display (Europe frequency) 433 MHz
EEA4516	Transmitter 6 Sections without display (USA/CDN frequency)
EEA4503	Transmitter 6 Sections (Europe frequency) 433 MHz
EEA4517	Transmitter 6 Sections (USA/CDN frequency)
EEA4504	Transmitter 6 Sections without display (Europe frequency) 433 MHz
EEA4518	Transmitter 6 Sections without display (USA/CDN frequency)
EEA4505	Transmitter 7 Sections (Europe frequency) 433 MHz
EEA4519	Transmitter 7 Sections (USA/CDN frequency)
EEA4506	Transmitter 7 Sections without display (Europe frequency) 433 MHz
EEA4520	Transmitter 7 Sections without display (USA/CDN frequency)
EEA4507	Transmitter 8/6 Sections (Europe frequency) 433 MHz
EEA4521	Transmitter 8/6 Sections (USA/CDN frequency)
EEA4508	Transmitter 9/7 Sections (Europe frequency) 433 MHz

# Remote control parts

## Palfinger



Sets	
Code	Description
EEA4522	Transmitter 9/7 Sections (USA/CDN frequency)
EEA4825	Transmitter 9/7+8 Sections (Europe frequency) 433 MHz
EEA4826	Transmitter 9/7+8 Sections (USA/CDN frequency)
EEA4479	Transmitter L1
EEA4479A	Transmitter 6 sections (Europe Frequency) 433 MHz L2
EEA4494	Transmitter L1
EEA4494A	Transmitter 6 sections (USA/CDN Frequency) L2
EEA4480	Transmitter L1
EEA4480A	Transmitter 6 sections without display(Europe Frequency) 433 MHz L2
EEA4495	Transmitter 6 sections without display (USA/CDN Frequency)
EEA4471	Transmitter 6 sections (Europe Frequency) 433 MHz
EEA4486	Transmitter 6 sections (USA/CDN Frequency)
EEA4472	Transmitter 6 sections without display(Europe Frequency) 433 MHz
EEA4487	Transmitter 6 sections without display (USA/CDN Frequency)
EEA5009	Transmitter L1
EEA5009A	Transmitter 6 sections (Europe Frequency) 433 MHz L2
EEA5053	Transmitter 6 sections (USA/CDN Frequency)
EEA5050	Transmitter L1
EEA5050A	Transmitter 6 sections without display(Europe Frequency) 433 MHz L2
EEA5054	Transmitter 6 sections without display (USA/CDN Frequency)
EEA4481	Transmitter L1
EEA4481A	Transmitter 7 sections (Europe Frequency) 433 MHz L2
EEA4496	Transmitter 6 sections (USA/CDN Frequency)
EEA4482	Transmitter L1
EEA4482A	Transmitter 7 sections without display(Europe Frequency) 433 MHz L2
EEA4497	Transmitter 7 sections without display (USA/CDN Frequency)
EEA4483	Transmitter L1
EEA4483A	Transmitter 8/6 sections (Europe Frequency) 433 MHz L2
EEA4498	Transmitter 8/6 sections (USA/CDN Frequency)
EEA4484	Transmitter L1
EEA4484A	Transmitter 9/7 sections (Europe Frequency) 433 MHz L2
EEA4499	Transmitter L1
EEA4499A	Transmitter 9/7 sections (USA/CDN Frequency)
EEA5048	Transmitter 6 sections (Europe Frequency) 433 MHz
EEA5051	Transmitter 6 sections (USA/CDN Frequency)
EEA5049	Transmitter 6 sections without display(Europe Frequency) 433 MHz
EEA5052	Transmitter 6 sections without display (USA/CDN Frequency)
EEA4473	Transmitter 6 sections (Europe Frequency) 433 MHz
EEA4488	Transmitter 6 sections (USA/CDN Frequency)
EEA4474	Transmitter 6 sections without display(Europe Frequency) 433 MHz
EEA4489	Transmitter 6 sections without display (USA/CDN Frequency)
EEA4475	Transmitter 7 sections (Europe Frequency) 433 MHz

# Remote control parts

## Palfinger



Sets	
Code	Description
EEA4489	Transmitter 6 sections without display (USA/CDN Frequency)
EEA4475	Transmitter 7 sections (Europe Frequency) 433 MHz
EEA4490	Transmitter 7 sections (USA/CDN Frequency)
EEA4476	Transmitter 7 sections without display(Europe Frequency) 433 MHz
EEA4491	Transmitter 7 sections without display (USA/CDN Frequency)
EEA4477	Transmitter 8/6 sections (Europe Frequency) 433 MHz
EEA4492	Transmitter 8/6 sections (USA/CDN Frequency)
EEA4478	Transmitter 9/7 sections (Europe Frequency) 433 MHz
EEA4493	Transmitter 9/7 sections (USA/CDN Frequency)
EEA4823	Transmitter 9/7+8 Sections (Europe frequency) 433 MHz
EEA4824	Transmitter 9/7+8 Sections (USA/CDN frequency)
EEA6436	Transmitter 6 sections (Europe Frequency) 433 MHz
EEA5731	Transmitter 6 sections (USA/CDN Frequency)
EEA6437	Transmitter 7 sections (Europe Frequency) 433 MHz
EEA5732	Transmitter 7 sections (USA/CDN Frequency)
EEA6438	Transmitter 8/6 sections (Europe Frequency) 433 MHz
EEA5733	Transmitter 8/6 sections (USA/CDN Frequency)
EEA6439	Transmitter 9/7 sections (Europe Frequency) 433 MHz
EEA5734	Transmitter 9/7 sections (USA/CDN Frequency)
EEA6430	Transmitter 6 sections (Europe Frequency) 433 MHz
EEA5724	Transmitter 6 sections (USA/CDN Frequency)
EEA6431	Transmitter 6 sections (Europe Frequency) 433 MHz
EEA5725	Transmitter 6 sections (USA/CDN Frequency)
EEA6432	Transmitter 7 sections (Europe Frequency) 433 MHz
EEA5726	Transmitter 7 sections (USA/CDN Frequency)
EEA6433	Transmitter 8/6 sections (Europe Frequency) 433 MHz
EEA5727	Transmitter 8/6 sections (USA/CDN Frequency)
EEA6434	Transmitter 9/7 sections (Europe Frequency) 433 MHz
EEA5728	Transmitter 9/7 sections (USA/CDN Frequency)
EEA6435	Transmitter 9/7+8 Sections (Europe frequency) 433 MHz
EEA5729	Transmitter 9/7+8 Sections (USA/CDN frequency)

Chargers	
Code	Description
EA5509	Charge Station
EEA3834	Charger 10-30 VDC
EEA4744	Charger 90-270 VAC EURO
EEA4745	Charger 90-270 VAC UL
EEA4291	Charger 10-30 VDC
EEA4404	Charger 110-220 VAC
EEA5517	Power supply



# Remote control parts

## Palfinger



Receivers	
Code	Description
EEA4651	Antenna
EEA5098	Antenna cable 2.5m
EEA5099	Antenna cable 5m
EEA5100	Antenna cable 10m
EEA5093	Antenna (USA/CDN Frequency)
EEA5094	Antenna (Europe Frequency) 433 MHz
EEA5781	Antenna Kit EU
EEA5782	Antenna Kit USA
EEA4796	Antenna (Europe Frequency) 433 MHz
EEA4720	Antenna (USA/CDN Frequency)
EEA5555	Antenna Cable
EEA5552	Antenna (Europe Frequency) 433 MHz
EEA5546	Antenna (USA/CDN Frequency) 915 MHz
EEA4743	Control Cables l=15
EEA4699	Control cables L=10m
EEA5565	Connection element with cable
EEA4699	Control Cables L=10m
EEA5519	Cable

Batteries	
Code	Description
EEA3835	Accu
EEA2512	Accu
EEA10506	Accu

Belts	
Code	Description
EZ2606	Neck belt
EZ2605	Lap belt
EEA4926	Belt attachment
EZ1607	Neck belt
EZ1608	Lap belt
EEA2763	Belt Attachment
EZ5340	Belt
EZ5341	Belt
EZ7765	Belt attachment

# Remote control parts

## Scanreco



**Scanreco is a leading OEM supplier of professional radio remote control systems to international crane and machinery manufacturers. For Scanreco remote control systems, Raca Parts supplies all spare parts and complete remote control sets.**

The remote control sets from SCANRECO are unique and often designed for specific situations. Contact our account manager for further advice. Look for more information on [www.racaparts.com/scanreco](http://www.racaparts.com/scanreco)



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# Remote control parts

## Scanreco



Housing	
Code	Description
A3000380104	Upper Black Protection Frame old type for TX with Cross Joysticks
A3000380101	Upper Black Protection Frame old type for TX with Linear Joysticks
A3000390104	Upper Black Protection Frame new type for TX with Linear Joysticks
A3000390101	Upper Black Protection Frame new type for TX with Cross Joysticks
A3000390101	Upper Black Protection Frame for TX with Linear Joysticks
A2000380107	Central Blue part without switches for TX with Cross Joysticks
A3000380301	Bottom Black Part
A3000380401	Plastic cover old type
A3000390401	Plastic cover new type
A3000380102	Central Blue part for Tx with linear joysticks
A3000380103	Central Blue part for Tx with cross joysticks
A2000380220	Left switch plate plastic only
A2000380221	Left switch plate standard version with 4 microswitches
A3000380302	Bottom Black Part
A3000390401	Plastic Cover
A3000380107	Central Blue Part
Joysticks	
Code	Description
A1000380100	Joystick linear with spring return
A1000380101	Joystick linear frictioned
A1000380400	Joystick 2 axis cross
A1000380402	Joystick 3 axis cross
A1000380102	Joystick Linear type L2 with spring return
A2000380106	Upper black protection frame for Tx with Linear Joysticks
A1000380600	Joystick 2 axis cross

# Remote control parts

## Scanreco



Switches	
Code	Description
A1000380180	4 Pins Male Connector with closing Cap
A1000390200	Connectors Kit including green terminals and cable gland panels
A1000380230	Switch with Rubber protection detent switch 2 positions
A1000380130	Switch with Rubber protection detent switch 3 positions
A1000380150	Switch with Rubber protection spring return switch 3 positions
A1000380151	Switch with Rubber protection only
A2000380210	Right Switch plate (plastic only)
A1100380130	Switch with Rubber protection detent switch 3 positions
A2000380224	Left Switch Plate neutral without serigraphy
A2002700020	Switch 3 Positions Detent
A1000380170	Emergency stop button with contact
A1000380140	Push button with rubber contact
A3000380100	Closing Cap for Linear joystick
A3000380105	Closing Cap for Cross joystick
A1000380171	Emergency stop button with container box
A1000380152	Rubber Protection only
A2000380170	Emergency Stop button with contact
A2000390200	Sticker for control unit
A2000380302	Bottom Black Part
A2000380105	Central Blue part without switches for Tx with linear joysticks
A2000900100	Rubber Protection only
A2000900101	Rubber Protection only
A3000390105	Closing Cap for Cross joystick
A2000380190	Potentiometer with knob
Elektronics	
Code	Description
F2000382123	Main Electronic Card std. Faber for TX with Linear Joysticks
F2000382122	Main Electronic Card std. Faber for TX with Linear Joysticks
F2000382127	Main Electronic Card std. Faber for TX with Linear Joysticks
F2000382130	Main Electronic Card std. Faber for TX with Cross Joysticks
F2000382126	Main Electronic Card Faber for Tx with Linear Joysticks
F2000382128	Main Electronic Card Faber for Tx with Cross Joysticks
A1170360000	Radio Transmitter Electronic card type 380
A1170360002	Radio Transmitter Electronic card type 515
A1170360007	Radio Transmitter Electronic Card Europe two ways
A1170360006	Radio Transmitter Electronic Card std. Faber one way
A1170360009	Radio Transmitter Electronic Card Europe one way
A1170360010	Radio Transmitter Electronic Card Nafta two ways
A1170360080	Radio Transmitter Electronic Card Europe two ways
A1280360006	Radio Transmitter Electronic Card Nafta two ways

# Remote control parts

## Scanreco



Receiver	
Code	Description
A2000380130	Antenna
F1000381010	Receiver with cable and antenna
A2001700060	7 Pins male connector
F1000381030	Receiver with cable and antenna type 1500
F3001510010	Mounting bracket
A2003410040	Blade Fuse 10A
A2003410050	Blade Fuse 30A
A2001300020	DIN43650 connection with gasket & screw 2 pins + ground
A2001300030	DIN43650 connection with gasket & screw 3 pins + ground
A2001700050	7 pins female connector with closing cap
A2001700010	4 pins female connector
A2000380110	Serial Cable with connectors 15m length
A2000380112	Serial Cable with connectors 30m length
A2000380120	Ex Cable with connector 2.5m length
A2000390140	Antenna
A3000380140	2.5m extension cable for Antenna
A3000380150	5m extension cable for Antenna
A3000380160	10m extension cable for Antenna

Charger	
Code	Description
F1700360005	Battery charger 110VAC 50Hz
F1700360003	Battery charger 220VAC 50Hz
F1700360002	Battery charger 12/24VDC

Batteries	
Code	Description
A2000380420	Battery fixing plate with screws
A2000380100	Battery 7.2v NiCd

Belts	
Code	Description
A3000380110	Belt for neck use small
A3000380410	Belt for waist use large
A3000380070	Plastic Block for Hook
A3000380080	Hook for belt
A3000380090	Hook for belt

# Remote control parts

## Abitron



**Abitron belongs to the leading manufacturers of high-quality safety radio remote controls. For Abitron remote control systems, Raca Parts sells all parts and systems.**

The remote control sets from ABITRON are unique and often designed for specific situations. Contact our account manager for further advice. Look for more information on [www.racaparts.com/abitron](http://www.racaparts.com/abitron)



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# Remote control parts

## Abitron



Housing	
Code	Description
KH13223000.A	top housing NOVA-M closed black
KH13223000.A-KSP	top housing NOVA-M closed black - CNC: KSP
KH13223220	top housing NOVA-M 2K black
KH13223221	top housing NOVA-M 2K black - CNC: LEDø8.1/TSø12
KH13223220-KSP	top housing NOVA-M 2K black - CNC: KSP
KH13210000	bottom housing NOVA-M yellow
KH13210100	bottom housing NOVA-M yellow - CNC: L:1xTq
KH13210200	bottom housing NOVA-M yellow - CNC: L:2xTq
KH13210000-KSP	bottom housing NOVA-M yellow - CNC: CSP
KH2912150700201	pan head screw / M5x70 / Torx TX25 / unit (3x NOVA-M / 2x T5)
KH13243221	Top housing NOVA-L 2K-WD black
KH13243221-KSP	Top housing NOVA-L 2K-WD black - CNC: KSP
KH13230100	bottom housing NOVA-L yellow - CNC: L:1xTq
KH13230010	Bottom housing NOVA-L yellow - CNC: R:1xTq
KH13230110	Bottom housing NOVA-L yellow - CNC: R:1xTq / L:1xTq
KH13230210	Bottom housing NOVA-L yellow - CNC: R:1xTq / L:2xTq
KH13230000-KSP	Bottom housing NOVA-L yellow - CNC: KSP
KH2912150800201	pan head screw / M5x80 / Torx TX25 / unit (4x NOVA-L / 2x NOVA-XL)
KH13263000	Top housing NOVA-XL closed black
KH13263000-KSP	Top housing NOVA-XL closed black - CNC: KSP
KH13250000	Bottom housing NOVA-XL yellow
KH13250010	Bottom housing NOVA-XL yellow - CNC: R:1xTq
KH13250020	Bottom housing NOVA-XL yellow - CNC: R:2xTq
KH13250110	Bottom housing NOVA-XL yellow - CNC: R:1xTq / L:1xTq
KH13250210	Bottom housing NOVA-XL yellow - CNC: R:1xTq / L:2xTq
KH13250220	Bottom housing NOVA-XL yellow - CNC: R:2xTq / L:2xTq
KH13250000-KSP	Bottom housing NOVA-XL yellow - CNC: KSP
KH2912150800201	pan head screw / M5x80 / Torx TX25 / unit (4x NOVA-L / 2x NOVA-XL)
KH2912150400201	pan head screw / M5x40 / Torx TX25 / unit (2x NOVA-XL / 2x T3 / 2x T5)
KH11505511.B	Single frame for push-button switch quadratic
KH11505521.B	Double frame for push-button switch quadratic
61105000	Gasket cord sponge rubber ø2.5mm black bulk stock
KH13530000	top housing GL2 yellow
KH13530000-KSP	top housing GL2 yellow - CNC: KSP
KH13540000	top housing GL3 yellow
KH13540000-KSP	top housing GL3 yellow - CNC: CSP
KH13510000	bottom housing GL2 9.6V yellow
KH13510001	bottom housing GL2 9.6V yellow - CNC: 1xRø22mm
KH13510000-KSP	bottom housing GL2 9.6V yellow - CNC: CSP
KH13520000	bottom housing GL3 3.6V yellow
KH13520001	bottom housing GL3 3.6V yellow - CNC: 1xRø22mm

# Remote control parts

## Abitron



Housing	
Code	Description
KH13520000-KSP	bottom housing GL3 3.6V yellow - CNC: CSP
11405042	Supporting frame GL alu black anodized without belt
11405015	Supporting frame GL V2A without belt (EX, seawater proof)
KH29121601602	pan head screw / M6x16 / Torx TX30
11123950	Gasket lip-profile black for GL housing
KH11198005	Housing GR 3.6V yellow Unit - top unmachined
KH11198005-KSP	Housing GR 3.6V yellow Unit - CNC: KSP
61107005	Locking clamp V2A 73mm - unmachined (GR)
61107025	Locking clamp V2A 73mm - 2xM5 (GR)
KH11401000	Chest plate GR black with belt without cushion
11407100	protective bar GR with 2 mounting brackets
KH29121500602	pan head screw / M5x6 / Torx TX25
11241000	Housing EURO yellow - top unmachined
11241000-KSP	Housing EURO yellow - top machined
61107000	Locking clamp V2A 60mm - unmachined (EURO/GR)
61107020	Locking clamp V2A 60mm - 2xM5 (EURO/GR)
KH11401400	chest plate EURO black with belt and without cushion
11407120	Protective bar EURO with 3 mounting brackets
80303110	Finger Guiding Plate ERGO middle black 6PB+LED (!!!)
80303112	Front Panel Membrane ERGO middle with LED-window ø7mm
KH80303150	Finger Guiding Plate ERGO right black 3PB
KH80303140	Finger Guiding Plate ERGO right black 1PB
80303152	Front Panel membrane ERGO right (!!!)
80303120	Blind Plate ERGO left black (!!!)
80303122	Adhesive tape ERGO left
80303160	Finger Guiding Plate ERGO left black 3PB - raw part (!!!)
80303170	Finger Guiding Plate ERGO left black 1PB (!!!)
80303162	Front Panel Membrane ERGO left (!!!)
KH8030017001.A	Bottom plate Transmitter ERGO black Unit
11190098	Housing TG 9.6V yellow Unit - unmachined
11190050	Top housing TG yellow - raw part unmachined
11190005	Bottom housing TG 9.6V yellow unit - unmachined
60403150	Finger Guiding Plate TG black unit - 12PB+LED with front panel membrane
K350075	finger guiding plate TG yellow unit - 12PB+LED+2xLED-FF
60403155.A	Front Panel membrane TG both-sided self adhesive
KH1119007001.A	Top housing TGA/TGB yellow - Unit
KH1119003001	Bottom housing TGA/TGB dark grey - Unit



# Remote control parts

## Abitron



Joysticks	
Code	Description
KH67175576	joystick JM-3K-55 D1/0
KH67175579	Joystick JM-3K-55 D2/0
KH67175584	Joystick JM-3K-55 D3/0
KH67175591	joystick JM-3K-55 D4/0
KH67175577	Joystick JM-3K-55 D1/D1
KH67175580	joystick JM-3K-55 D1/D2
KH67175585	Joystick JM-3K-55 D1/D3
KH67175592	Joystick JM-3K-55 D1/D4
KH67175581	Joystick JM-3K-55 D2/D1
KH67175582	Joystick JM-3K-55 D2/D2
KH67175587	Joystick JM-3K-55 D2/D3
KH67175594	Joystick JM-3K-55 D2/D4
KH67175586	Joystick JM-3K-55 D3/D1
KH67175588	Joystick JM-3K-55 D3/D2
KH67175589	joystick JM-3K-55 D3/D3
KH67175596	Joystick JM-3K-55 D3/D4
KH67175593	joystick JM-3K-55 D4/D1
KH67175595	Joystick JM-3K-55 D4/D2
KH67175597	Joystick JM-3K-55 D4/D3
KH67175598	Joystick JM-3K-55 D4/D4
KH67175551	Joystick JM-3K-55 D1/0 with deadman
KH67175554	Joystick JM-3K-55 D2/0 with deadman
KH67175559	Joystick JM-3K-55 D3/0 with deadman
KH67175566	Joystick JM-3K-55 D4/0 with deadman
KH67175552	Joystick JM-3K-55 D1/D1 with deadman
KH67175555	Joystick JM-3K-55 D1/D2 with deadman
KH67175560	Joystick JM-3K-55 D1/D3 with deadman
KH67175567	Joystick JM-3K-55 D1/D4 with deadman
KH67175556	Joystick JM-3K-55 D2/D1 with deadman
KH67175557	Joystick JM-3K-55 D2/D2 with deadman

# Remote control parts

## Abitron



Joysticks	
Code	Description
KH67175562	Joystick JM-3K-55 D2/D3 with deadman
KH67175569	Joystick JM-3K-55 D2/D4 with deadman
KH67175561	Joystick JM-3K-55 D3/D1 with deadman
KH67175563	Joystick JM-3K-55 D3/D2 with deadman
KH67175564	Joystick JM-3K-55 D3/D3 with deadman
KH67175571	Joystick JM-3K-55 D3/D4 with deadman
KH67175568	Joystick JM-3K-55 D4/D1 with deadman
KH67175570	Joystick JM-3K-55 D4/D2 with deadman
KH67175572	Joystick JM-3K-55 D4/D3 with deadman
KH67175573	Joystick JM-3K-55 D4/D4 with deadman
KH67178577	Joystick JM-3K-55 D1/D1 with cross gate (GL/GR/EURO)( $\varnothing$ 49mm+4x $\varnothing$ 3.5mm)
KH67178580	Joystick JM-3K-55 D1/D2 with cross gate (NOVA-M/NOVA-L/NOVA-XL)( $\varnothing$ 49mm+4x $\varnothing$ 3.5mm)
KH67178585	Joystick JM-3K-55 D1/D3 with cross gate (NOVA-M/NOVA-L/NOVA-XL)( $\varnothing$ 49mm+4x $\varnothing$ 3.5mm)
KH67178592	Joystick JM-3K-55 D1/D4 with cross gate (NOVA-M/NOVA-L/NOVA-XL)( $\varnothing$ 49mm+4x $\varnothing$ 3.5mm)
KH67178581	Joystick JM-3K-55 D2/D1 with cross gate (NOVA-M/NOVA-L/NOVA-XL)( $\varnothing$ 49mm+4x $\varnothing$ 3.5mm)
KH67178582	Joystick JM-3K-55 D2/D2 with cross gate (NOVA-M/NOVA-L/NOVA-XL)( $\varnothing$ 49mm+4x $\varnothing$ 3.5mm)
KH67178587	Joystick JM-3K-55 D2/D3 with cross gate (NOVA-M/NOVA-L/NOVA-XL)( $\varnothing$ 49mm+4x $\varnothing$ 3.5mm)
KH67178594	Joystick JM-3K-55 D2/D4 with cross gate (NOVA-M/NOVA-L/NOVA-XL)( $\varnothing$ 49mm+4x $\varnothing$ 3.5mm)
KH67178586	Joystick JM-3K-55 D3/D1 with cross gate (NOVA-M/NOVA-L/NOVA-XL)( $\varnothing$ 49mm+4x $\varnothing$ 3.5mm)
KH67178588	Joystick JM-3K-55 D3/D2 with cross gate (NOVA-M/NOVA-L/NOVA-XL)( $\varnothing$ 49mm+4x $\varnothing$ 3.5mm)
KH67178589	Joystick JM-3K-55 D3/D3 with cross gate (NOVA-M/NOVA-L/NOVA-XL)( $\varnothing$ 49mm+4x $\varnothing$ 3.5mm)
KH67178596	Joystick JM-3K-55 D3/D4 with cross gate (NOVA-M/NOVA-L/NOVA-XL)( $\varnothing$ 49mm+4x $\varnothing$ 3.5mm)
KH67178593	Joystick JM-3K-55 D4/D1 with cross gate (NOVA-M/NOVA-L/NOVA-XL)( $\varnothing$ 49mm+4x $\varnothing$ 3.5mm)
KH67178595	Joystick JM-3K-55 D4/D2 with cross gate (NOVA-M/NOVA-L/NOVA-XL)( $\varnothing$ 49mm+4x $\varnothing$ 3.5mm)
KH67178597	Joystick JM-3K-55 D4/D3 with cross gate (NOVA-M/NOVA-L/NOVA-XL)( $\varnothing$ 49mm+4x $\varnothing$ 3.5mm)
KH67178598	Joystick JM-3K-55 D4/D4 with cross gate (NOVA-M/NOVA-L/NOVA-XL)( $\varnothing$ 49mm+4x $\varnothing$ 3.5mm)
KH67178552	Joystick JM-3K-55 D1/D1 with cross gate and deadman (NOVA-M/NOVA-L/NOVA-XL) ( $\varnothing$ 49mm+4x $\varnothing$ 3.5mm)
KH67178555	Joystick JM-3K-55 D1/D2 with cross gate and deadman (NOVA-M/NOVA-L/NOVA-XL) ( $\varnothing$ 49mm+4x $\varnothing$ 3.5mm)
KH67178560	Joystick JM-3K-55 D1/D3 with cross gate and deadman (NOVA-M/NOVA-L/NOVA-XL) ( $\varnothing$ 49mm+4x $\varnothing$ 3.5mm)
KH67178567	Joystick JM-3K-55 D1/D4 with cross gate and deadman (NOVA-M/NOVA-L/NOVA-XL) ( $\varnothing$ 49mm+4x $\varnothing$ 3.5mm)
KH67178556	Joystick JM-3K-55 D2/D1 with cross gate and deadman (NOVA-M/NOVA-L/NOVA-XL) ( $\varnothing$ 49mm+4x $\varnothing$ 3.5mm)
KH67178557	Joystick JM-3K-55 D2/D2 with cross gate and deadman (NOVA-M/NOVA-L/NOVA-XL) ( $\varnothing$ 49mm+4x $\varnothing$ 3.5mm)
KH67178562	Joystick JM-3K-55 D2/D3 with cross gate and deadman (NOVA-M/NOVA-L/NOVA-XL) ( $\varnothing$ 49mm+4x $\varnothing$ 3.5mm)
KH67178569	Joystick JM-3K-55 D2/D4 with cross gate and deadman (NOVA-M/NOVA-L/NOVA-XL) ( $\varnothing$ 49mm+4x $\varnothing$ 3.5mm)
KH67178561	Joystick JM-3K-55 D3/D1 with cross gate and deadman (NOVA-M/NOVA-L/NOVA-XL) ( $\varnothing$ 49mm+4x $\varnothing$ 3.5mm)

# Remote control parts

## Abitron



Joysticks	
Code	Description
KH67178563	Joystick JM-3K-55 D3/D2 with cross gate and deadman (NOVA-M/NOVA-L/NOVA-XL)( $\varnothing$ 49mm+4x $\varnothing$ 3.5mm)
KH67178564	Joystick JM-3K-55 D3/D3 with cross gate and deadman (NOVA-M/NOVA-L/NOVA-XL)( $\varnothing$ 49mm+4x $\varnothing$ 3.5mm)
KH67178571	Joystick JM-3K-55 D3/D4 with cross gate and deadman (NOVA-M/NOVA-L/NOVA-XL)( $\varnothing$ 49mm+4x $\varnothing$ 3.5mm)
KH67178568	Joystick JM-3K-55 D4/D1 with cross gate and deadman (NOVA-M/NOVA-L/NOVA-XL)( $\varnothing$ 49mm+4x $\varnothing$ 3.5mm)
KH67178570	Joystick JM-3K-55 D4/D2 with cross gate and deadman (NOVA-M/NOVA-L/NOVA-XL)( $\varnothing$ 49mm+4x $\varnothing$ 3.5mm)
KH67178572	Joystick JM-3K-55 D4/D3 with cross gate and deadman (NOVA-M/NOVA-L/NOVA-XL)( $\varnothing$ 49mm+4x $\varnothing$ 3.5mm)
KH67178573	Joystick JM-3K-55 D4/D4 with cross gate and deadman (NOVA-M/NOVA-L/NOVA-XL)( $\varnothing$ 49mm+4x $\varnothing$ 3.5mm)
KH67175547	Joystick JM-3K-55 P/0
KH67175548	Joystick JM-3K-55 P/P
KH67179048	Joystick JM-3K-55 P/P (45°F) (NOVA-M/NOVA-L/NOVA-XL)( $\varnothing$ 49mm+4x $\varnothing$ 3.5mm)
KH67175538	Joystick JM-3K-55 P/D1
KH67175540	Joystick JM-3K-55 P/D2
KH67175544	Joystick JM-3K-55 P/D4
KH67175539	Joystick JM-3K-55 D1/P
KH67175545	Joystick JM-3K-55 D4/P
KH67175522	Joystick JM-3K-55 P/0 with deadman
KH67175523	Joystick JM-3K-55 P/P with deadman
KH67178548	Joystick JM-3K-55 P/P with cross gate (NOVA-M/NOVA-L/NOVA-XL)( $\varnothing$ 49mm+4x $\varnothing$ 3,5mm)
KH67178523	Joystick JM-3K-55 P/P with gross gate and deadman (NOVA-M/NOVA-L/NOVA-XL)( $\varnothing$ 49mm+4x $\varnothing$ 3,5mm)
KH67175513	joystick JM-3K-55 P/D1 with deadman
KH67178538	Joystick JM-3K-55 P/D1 with cross gate (NOVA-M/NOVA-L/NOVA-XL)( $\varnothing$ 49mm+4x $\varnothing$ 3,5mm)
KH6717554868	Joystick JM-3K-55 P4 with notching/P4 with notching
KH67175534	Joystick JM-3K-55 G/0
KH67175535	Joystick JM-3K-55 G/G
KH67175529	Joystick JM-3K-55 G/D3
KH67175509	joystick JM-3K-55 G/0 with deadman
KH67175510	Joystick JM-3K-55 G/G with deadman
KH67178535	Joystick JM-3K-55 G/G with cross gate (NOVA-M/NOVA-L/NOVA-XL)( $\varnothing$ 49mm+4x $\varnothing$ 3,5mm)
KH67178510	Joystick JM-3K-55 G/G with cross gate and deadman (NOVA-M/NOVA-L/NOVA-XL)( $\varnothing$ 49mm+4x $\varnothing$ 3,5mm)
KH67175115	gaiter JM-3K-55 black (NOVA-M/NOVA-L/NOVA-XL)
67175110	gaiter JM-3K-55 silicone black for joystick with deadman (NOVA-M/NOVA-L/NOVA-XL)
KH67195576	Joystick JM-3K-65 D1/0 (GL/GR/EURO)( $\varnothing$ 49mm+4x $\varnothing$ 3.5mm)
KH67195579	Joystick JM-3K-65 D2/0 (GL/GR/EURO)( $\varnothing$ 49mm+4x $\varnothing$ 3.5mm)
KH67195584	Joystick JM-3K-65 D3/0 (GL/GR/EURO)( $\varnothing$ 49mm+4x $\varnothing$ 3.5mm)
KH67195591	joystick JM-3K-65 D4/0 (GL/GR/EURO)( $\varnothing$ 49mm+4x $\varnothing$ 3.5mm)
KH67195577	Joystick JM-3K-65 D1/D1 (GL/GR/EURO)( $\varnothing$ 49mm+4x $\varnothing$ 3.5mm)
KH67195580	Joystick JM-3K-65 D1/D2 (GL/GR/EURO)( $\varnothing$ 49mm+4x $\varnothing$ 3.5mm)

# Remote control parts

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Joysticks	
Code	Description
KH67195580	Joystick JM-3K-65 D1/D2 (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195585	Joystick JM-3K-65 D1/D3 (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195592	Joystick JM-3K-65 D1/D4 (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195581	Joystick JM-3K-65 D2/D1 (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195592	Joystick JM-3K-65 D1/D4 (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195582	Joystick JM-3K-65 D2/D2 (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195587	Joystick JM-3K-65 D2/D3 (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195594	Joystick JM-3K-65 D2/D4 (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195586	Joystick JM-3K-65 D3/D1 (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195588	Joystick JM-3K-65 D3/D2 (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195589	Joystick JM-3K-65 D3/D3 (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195596	Joystick JM-3K-65 D3/D4 (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195593	Joystick JM-3K-65 D4/D1 (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195595	Joystick JM-3K-65 D4/D2 (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195597	Joystick JM-3K-65 D4/D3 (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195598	Joystick JM-3K-65 D4/D4 (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195551	Joystick JM-3K-65 D1/0 with deadman (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195554	Joystick JM-3K-65 D2/0 with deadman (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195559	Joystick JM-3K-65 D3/0 with deadman (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195566	Joystick JM-3K-65 D4/0 with deadman (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195552	Joystick JM-3K-65 D1/D1 with deadman (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195555	Joystick JM-3K-65 D1/D2 with deadman (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195560	Joystick JM-3K-65 D1/D3 with deadman (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195567	Joystick JM-3K-65 D1/D4 with deadman (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195556	Joystick JM-3K-65 D2/D1 with deadman (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195557	Joystick JM-3K-65 D2/D1 with deadman (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195562	Joystick JM-3K-65 D2/D3 with deadman (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195569	Joystick JM-3K-65 D2/D4 with deadman (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195561	Joystick JM-3K-65 D3/D1 with deadman (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195563	Joystick JM-3K-65 D3/D2 with deadman (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195564	Joystick JM-3K-65 D3/D3 with deadman (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195571	Joystick JM-3K-65 D3/D4 with deadman (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195568	Joystick JM-3K-65 D4/D1 with deadman (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195570	Joystick JM-3K-65 D4/D2 with deadman (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195572	Joystick JM-3K-65 D4/D3 with deadman (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195573	Joystick JM-3K-65 D4/D4 with deadman (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67198577	joystick JM-3K-65 D1/D1 with cross gate
KH67198580	joystick JM-3K-65 D1/D2 with cross gate

# Remote control parts

## Abitron



Joysticks	
Code	Description
KH67198585	joystick JM-3K-65 D1/D3 with cross gate
KH67198592	joystick JM-3K-65 D1/D4 with cross gate
KH67198581	joystick JM-3K-65 D2/D1 with cross gate
KH67198582	joystick JM-3K-65 D2/D2 with cross gate
KH67198587	joystick JM-3K-65 D2/D3 with cross gate
KH67198594	joystick JM-3K-65 D2/D4 with cross gate
KH67198586	joystick JM-3K-65 D3/D1 with cross gate
KH67198588	joystick JM-3K-65 D3/D2 with cross gate
KH67198589	joystick JM-3K-65 D3/D3 with cross gate
KH67198596	joystick JM-3K-65 D3/D4 with cross gate
KH67198593	joystick JM-3K-65 D4/D1 with cross gate
KH67198595	joystick JM-3K-65 D4/D2 with cross gate
KH67198597	joystick JM-3K-65 D4/D3 with cross gate
KH67198598	joystick JM-3K-65 D4/D4 with cross gate
KH67198552	joystick JM-3K-65 D1/D1 with cross gate and deadman
KH67198555	joystick JM-3K-65 D1/D2 with cross gate and deadman
KH67198560	joystick JM-3K-65 D1/D3 with cross gate and deadman
KH67198567	joystick JM-3K-65 D1/D4 with cross gate and deadman
KH67198556	joystick JM-3K-65 D2/D1 with cross gate and deadman
KH67198557	joystick JM-3K-65 D2/D2 with cross gate and deadman
KH67198562	joystick JM-3K-65 D2/D3 with cross gate and deadman
KH67198569	joystick JM-3K-65 D2/D4 with cross gate and deadman
KH67198561	joystick JM-3K-65 D3/D1 with cross gate and deadman
KH67198563	joystick JM-3K-65 D3/D2 with cross gate and deadman
KH67198564	joystick JM-3K-65 D3/D3 with cross gate and deadman
KH67198571	joystick JM-3K-65 D3/D4 with cross gate and deadman
KH67198570	joystick JM-3K-65 D4/D2 with cross gate and deadman
KH67198572	joystick JM-3K-65 D4/D3 with cross gate and deadman
KH67198573	joystick JM-3K-65 D4/D4 with cross gate and deadman
KH67195547	Joystick JM-3K-65 P/0 (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195548	Joystick JM-3K-65 P/P (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195538	Joystick JM-3K-65 P/D1 (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195544	Joystick JM-3K-65 P/D4 (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195522	Joystick JM-3K-65 P/0 with deadman (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195523	Joystick JM-3K-65 P/P with deadman (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67198548	joystick JM-3K-65 P/P with gross gate
KH67198523	joystick JM-3K-65 P/P with gross gate and deadman
KH67195513	Joystick JM-3K-65 P/D1 with deadman (GL/GR/EURO)(ø49mm+4xø3.5mm)

# Remote control parts

## Abitron



Joysticks	
Code	Description
KH67195519	Joystick JM-3K-65 P/D4 with deadman (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67185548.A	Joystick JM-3K-Z P/P/P with Z-axis (NOVA-L/NOVA-XL/GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195535	Joystick JM-3K-65 G/G (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195509	joystick JM-3K-65 G/0 with deadman (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67195510	Joystick JM-3K-65 G/G with deadman (GL/GR/EURO)(ø49mm+4xø3.5mm)
KH67198535	joystick JM-3K-65 G/G with cross gate
KH67198510	joystick JM-3K-65 G/G with cross gate and deadman
KH67175115	gaiter JM-3K-55 black (NOVA-M/NOVA-L/NOVA-XL)
67175110	gaiter JM-3K-55 silicone black for joystick with deadman (NOVA-M/NOVA-L/NOVA-XL)
KH67175100	Gaiter JM-3K-65 black (GL/GR/EURO)
KH67175105	Gaiter JM-3K-65 black for joystick with deadman (GL/GR/EURO)
64199805	Adapter cable set TX JM-3K Dig Unit
64199800	Adapter Cable Set TX JM-3K Prop Unit
64199810	Adapter Cable Set TX JM-3K Gray Unit
KH67172001	Joystick JM-1L black
KH6717200101	Joystick JM-1L black - unit: JH-1L replacement incl. screws
KH67172000	Joystick JM-2L black
1150440001	Adapter Plate JCP 2 -> JM-1L BLK Unit
64199850.A	Adapter Cable Set TX JM-2L Prop unit
67149000	Joystick JC300 D3/D1
67150000	Joystick JC300 D3/D4
67150200	Joystick JC300 D5/P
67170050	joystick JC300 P/P
67150100	Joystick JC300 G/D5
67150500	Joystick JC300 G/G
67210510	Gaiter JC300
67220550	Deadman switch type JC300-031
KH67130300	joystick GM0 D3 unit
KH67130000	Joystick GM0 D2/D1 Unit
KH67130200	Joystick GM0 D3/D1 Unit
KH67130400	joystick GM0 D3/D2 unit
KH67130500	Joystick GM0 D3/D4 Unit
KH67130600	Joystick GM0 D4/D4 Unit
67230020	Gaiter/boot black for joystick GM0
67220520	Reset spring for joystick GM0
67220510	Center socket for joystick GM0
67171000	Joystick ABITRON (Gessmann) V14 D6/D6
67210530	Gaiter/boot black for joystick Gessmann V14
67170200	Joystick SK60-0240 NOVA-L D3/D3
KH67210528	Gaiter JM-3K for SK60 NOVA-L & GL
67210520	Gaiter/boot SK60 black (GL/GR/EURO)
62200300	Board DMS-1 for joystick SK60 Typ NOVA-L (!!!)
67210500.A	Gaiter/boot "V040KE2" black for KVCS0 7211
KH64179816	cable set TX joystick JM-3K P/P -> SK-60 P/P

# Remote control parts

## Abitron



Switches	
Code	Description
63020080	Toggle switch MIL Ø12mm / 0-ON / DP / 2xCO / solder connection
63020085	Toggle switch MIL Ø12mm / ON-0-ON / DP / 2xCO / solder connection
63020065	Toggle switch MIL Ø12mm / ON-0-MOM / DP / 2xCO / solder connection
63020055	Toggle switch MIL Ø12mm / 0-MOM / DP / 2xCO / solder connection
63020090	Toggle switch MIL Ø12mm / MOM-0-MOM / DP / 2xCO / solder connection
63020092	Toggle switch MIL Ø12mm / MOM-0-MOM / DP / 4xNO / solder connection
KH63019000.C	Toggle switch STD ø12mm / 0-ON / SP / 1xCO / solder connection
KH63019250.C	Toggle switch STD ø12mm / ON-0-ON / DP / 2xCO / solder connection
KH63019450.C	Toggle switch STD ø12mm / ON-0-MOM / DP / 4xNO / solder connection
KH63019100.C	Toggle switch STD ø12mm / 0-MOM / SP / 1xCO / solder connection
KH63019300.C	Toggle switch STD ø12mm / MOM-0-MOM / SP / 2xNO / solder connection
KH63020020.C	Rubber half boot black for toggle switch
KH29401045	washer lock A15.22mm / iø12.1mm
6321101001	STOP switch ø22mm / l=63mm / red / 1xNC & 1xNO / push-/pull locking / "Push-Pull"
63211061	STOP switch ø22mm / l=63mm / black / 1xNC & 1xNO / push-/pull locking
63211062.A	STOP switch ø22mm / l=63mm / blue / 1xNC & 1xNO / push-/pull locking / "Push-Pull"
KH63211204.A	STOP switch ø16mm / L=45.3mm / red / 2xNC & 2xNO / rotary locking / with arrows
KH63211203.A	STOP Switch ø16mm / L=38mm / red / 1xNC & 1xNO / rotary locking / with arrows
KH6321120301. AL0130MM	STOP Switch ø16mm / red / 1xNC & 1xNO / rotary locking - unit: with strands
KH63211218.A	STOP Switch ø16mm / red / 1xNC & 1xNO / rotary locking - unit: with strands
KH6321121801. AL0130MM	STOP switch ø16mm / L=38mm / blue / 1xNC & 1xNO / rotary locking / unit: with strands
KH63211220	STOP switch ø16mm / l=45mm / red / 2xNC /push-/pull locking (TGA/TGB)
KH67175350	end stop JM-3K 1/0
KH67175352	end stop JM-3K 2/0
KH67175355	end stop JM-3K 3/0
KH67175359	end stop JM-3K 4/0
KH67175351	end stop JM-3K 1/1
KH67175353	end stop JM-3K 2/1
KH67175356	end stop JM-3K 3/1
KH67175360	end stop JM-3K 4/1
KH67175354	end stop JM-3K 2/2
KH67175357	end stop JM-3K 3/2
KH67175358	end stop JM-3K 3/3
KH67175362	end stop JM-3K 4/3
KH67175363	end stop JM-3K 4/4

# Remote control parts

## Abitron



Switches	
Code	Description
KH67175360	end stop JM-3K 4/1
KH67175354	end stop JM-3K 2/2
KH67175357	end stop JM-3K 3/2
KH67175358	end stop JM-3K 3/3
KH67175362	end stop JM-3K 4/3
KH67175363	end stop JM-3K 4/4

Receivers	
Code	Description
KH56504011	Antenna Miniflex / TNC / 419-460MHz
KH56504100	Antenna Miniflex 868 for 850-900MHz with TNC plug / standard
56504000	Antenna Miniflex / PL/UHF /440-470MHz
56503010	Antenna Gainflex / TNC / 440-470MHz
56503000	Antenna Gainflex / PL/UHF / 440-470MHz
KH56506500.B	Antenna dual band flexible with TNC plug for 434MHz and 869MHz
56502650	Directional antenna Yagi / PL/UHF / 450-470MHz
56506000	Antenna car radio with minicrimp plug FME without cable for 406-440MHz Euroline-Antenna
56502505	antenna extension TNC(FME)->2.0m->FME / RG58 / with car radio antenna
56502205	antenna extension TNC(FME)->3.0m->FME / RG58 / with car radio antenna
56502605	antenna extension TNC(FME)->5.0m->FME / RG58 / with car radio antenna
KH66504000-L01.50M	Antenna extension Flex 1.5m black SMB->FME RG174 50Ω Unit: incl. antenna 380-445MHz
KH66504000-L03.00M	Antenna extension Flex 3.0m black SMB->FME RG174 50Ω Unit: incl. antenna 380-445MHz
KH66504000-L05.00M	Antenna extension Flex 5.0m black SMB->FME RG174 50Ω Unit: incl. antenna 380-445MHz
KH56504245.A	Antenna SMA for 2.4GHz / L=43mm
66502000	Antenna SMB for 434/447/458MHz L=170mm
66501900	Antenna SMB for 869/915MHz L=85mm
56501300-L00.50M	Antenna extension RG58 black TNC-> 0.5m ->TNC Unit with holder
56501300-L01.00M	Antenna extension RG58 black TNC-> 1,0m ->TNC Unit with holder
56501300-L01.50M	Antenna extension RG58 black TNC-> 1.5m ->TNC Unit with holder
56501300-L02.00M	Antenna extension RG58 black TNC-> 2.0m ->TNC Unit with Holder
56501300-L03.00M	Antenna extension RG58 black TNC-> 3.0m ->TNC Unit with holder
56501300-L05.00M	Antenna extension RG58 black TNC-> 5.0m ->TNC Unit with holder
56501300-L07.00M	Antenna extension RG58 black TNC-> 7.0m ->TNC Unit with holder
56501300-L10.00M	Antenna extension RG58 black TNC-> 10.0m ->TNC Unit with holder
56501300-L12.00M	Antenna extension RG58 black TNC-> 12.0m ->TNC Unit with holder
56501300-L15.00M	Antenna extension RG58 black TNC-> 15.0m ->TNC Unit with holder
56501300-L20.00M	Antenna extension RG58 black TNC-> 20.0m ->TNC Unit with holder
56502550-L03.00M	antenna extension FME->3.0m->FME / RG58 / for car radio antenna
56502550-L05.00M	antenna extension FME->5.0m->FME / RG58 / for car radio antenna
5650226900-L04.00M	antenna extension RG58 black TNC-> 4.0m ->PL/UHF (directional antenna)



# Remote control parts

## Abitron



Receivers	
Code	Description
56501300-L03.00M	Antenna extension RG58 black TNC-> 3.0m ->TNC Unit with holder
56501300-L05.00M	Antenna extension RG58 black TNC-> 5.0m ->TNC Unit with holder
56501300-L07.00M	Antenna extension RG58 black TNC-> 7.0m ->TNC Unit with holder
56501300-L10.00M	Antenna extension RG58 black TNC-> 10.0m ->TNC Unit with holder
56501300-L12.00M	Antenna extension RG58 black TNC-> 12.0m ->TNC Unit with holder
56501300-L15.00M	Antenna extension RG58 black TNC-> 15.0m ->TNC Unit with holder
56501300-L20.00M	Antenna extension RG58 black TNC-> 20.0m ->TNC Unit with holder
56502550-L03.00M	antenna extension FME->3.0m->FME / RG58 / for car radio antenna
56502550-L05.00M	antenna extension FME->5.0m->FME / RG58 / for car radio antenna
5650226900-L04.00M	antenna extension RG58 black TNC-> 4.0m ->PL/UHF (directional antenna)
5650130051-L09.00M	EX Antenna extension RG58 black TNC-> 9.0m ->TNC Unit with Holder AHH-1
5650130051-L10.00M	EX Antenna extension RG58 black TNC-> 10.0m ->TNC Unit with Holder AHH-1

Chargers	
Code	Description
KH68108570.B	Charger MINI BCM-1 / 100-240VAC / STD(750mA) & EX(200mA) / EU,UK,US & AUS adaptor / Logo ABITRON
KH68108670.B	Charger MINI BCM-1 / 9-36VDC / STD(750mA) & EX(200mA) / flat receptacle / logo "ABITRON"
KH68108690.B	Charger MINI BCM-1 / 9-36VDC / STD(750mA) & EX(200mA) / car-adapter / logo "ABITRON"
KH68108501	charger NOVA/ERGO / 100-240VAC / EU,UK,US & AUS adapter / Logo "ABITRON"
KH68108601	Charger NOVA/ERGO / 100-240VAC & 12-32VDC / EU,UK,US,AUS & car-adapter / Logo "ABITRON" (!!!)
KH68108700	charger GL/TG/GR UCH-2 / 115/230VAC / 440mA / EU/UK/US/AUS adapter / logo "ABITRON"
KH68108800	Charger GL/TG/GR UCH-2 / 10-30VDC / 440mA / flat receptacle / Logo "ABITRON"
KH68108101	charger TGA BCT-1 / 100-240VAC / 600mA / EU/UK/US/AUS adaptor / logo "ABITRON"
KH68108131	charger TGA BCT-1 / 12-30VDC / 600mA / car-adapter / logo "ABITRON"
KH68108151	charger TGA BCT-1 / 12-30VDC / 600mA / flat receptacle / logo "ABITRON"
KH56609902	Adapter set (EURO/UK/AUS) for plug power supply fitting for KH56609002
KH68108570.B	Charger MINI BCM-1 / 100-240VAC / STD(750mA) & EX(200mA) / EU,UK,US & AUS adaptor / Logo
KH68108670.B	Charger MINI BCM-1 / 9-36VDC / STD(750mA) & EX(200mA) / flat receptacle / logo "ABITRON"
KH68108690.B	Charger MINI BCM-1 / 9-36VDC / STD(750mA) & EX(200mA) / car-adapter / logo "ABITRON"

# Remote control parts

## Abitron



Batteries	
Code	Description
K450368	Battery MINI-EX-IIB NiMH 3.6V/2000mAh black
K450368	Battery MINI-EX-IIB NiMH 3.6V/2000mAh black
K450367	EX Battery MINI-EX-I NiMH 3.6V/2000mAh black
K450389	EX Battery MINI-EX-I NiMH 3.6V/2000mAh black
KH68300990.B	Battery MINI NiMH 3.6V/1.9Ah
KH68300520.B	Battery NOVA/ERGO NiMH 9.6V/750mAh
KH68303010.B	Battery GL/TG/GR NiMH 9,6V/1,9Ah
KH68302500.A	Battery TGA/TGB 4Pins NiMH 6.0V/1.0Ah

Belts	
Code	Description
KH11406052	Belly belt NOVA-L/NOVA-XL/T3/T5/T7 with cushion and without logo
KA350023	Belly belt NOVA-L/NOVA-XL without cushion with metal closure
KH11406600.A	Belly belt for NOVA-M without cushion and without logo
11406650	Belly belt NOVA-S without pads and logo (!!!)
KH11406002	Belly Belt GL with cushion without logo
KH11406202	Neck belt NOVA-M/NOVA 6L/NOVA-XL/GL2/GL3 with cushion without logo
21949015	Key-Ring ø30mm (neck belt cable control)
KH11406900.A	shoulder cross belt with padded belt, front pocket, reflecting stripe silver, without logo
KH11404105.A	Shoulder belt TGA/TGB
11405042	Supporting frame GL alu black anodized without belt
11405015	Supporting frame GL V2A without belt (EX, seawater proof)
KH11401000	Chest plate GR black with belt without cushion
11407100	protective bar GR with 2 mounting brackets
KH11401400	chest plate EURO black with belt and without cushion
11407120	Protective bar EURO with 3 mounting brackets
11404400	Holster ERGO with neck belt without pads with protective foil (!!!)
11407113	Magnet Holder for Receiver Set (1 Set=4pcs.)
KH11406051	EX leather belly belt NOVA with cushion
11407002	EX leather belly belt GL with cushion
11405015	Supporting frame GL V2A without belt (EX, seawater proof)



# Remote control parts

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**The Danfoss remote controls represent the latest technology of human-machine interface. The user friendly programming tools and plug and play systems ensure a fast customization and commissioning. The remote control set are robust, ergonomic and safe.**

The remote control sets from Danfoss are unique and often designed for specific situations. Contact our account manager for further advice. Look for more information on [www.racaparts.com/danfoss](http://www.racaparts.com/danfoss)



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# Remote control parts

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Housing	
Code	Description
PI70/2 IM	Lower Part With magnets T70 2
2800138	Upper part IKORE (with mechanisms)
2800140	Lower part IKORE (alkaline batteries)
2800141	Lower part IKOREB (lithium battery)
2800139	IKORE industry icon sets
154898	Cover Icompact
121074	Upper sticker Icompact 8p
121075	Upper sticker Icompact 12p
MFX	Magnet Fix Tx
2800084	Upper part PS70/1
2800085	Upper part Yellow PS70/1
2800090	Upper part PS70/1 DLA
2800091	Upper part Yellow PS70/1 DLA
2800087	Upper part PS70/2
2800088	Upper part Yellow PS70/2
2800093	Upper part PS70/2 DLA
2800094	Upper part Yellow PS70/2 DLA
2800086	Upper part PS70/1 HALL
2800092	Upper part PS70/1 HALL DLA
2800089	Upper part PS70/2 HALL
2800095	Upper part PS70/2 HALL DLA
2303677	Lower Part PI70/1
2303678	Lower Part PI70/2
2305432	Lower Part with Magnest PI70/2 IMANES
1151051-B0	Upper tx bumper
1151052-B0	Lower tx bumper
2800174	TX Lower Part Label Kit TX (50 labels)
1122754-C0	Icon Sets Industry Universal
1122745-A0	Icon Sets Hydraulic
2303846	Icon kits Construction
2303847	Icon kits Custom
2303848	Icon kits USA

# Remote control parts

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Housing	
Code	Description
2807003	Icon kits Australia
2305248	Icon kits Color
1122325-A0	Icons Green
1122326-A0	Icons Yellow
1122327-A0	Icons Blue
1122328-A0	Icons Brown
1122398-A0	Icon Proportional White Arrow over Black
1122399-A0	Icon Proportional Black Arrow over White
1122315	Custom Icon
1122313	Icon Brake
1122335-A0	Icon Vane
1122340-A0	Icon Rotate 3rd Speed
1122322	Icon Selector White
1122323	Icon Transparent Selector
1122350-B0	Danfoss Handheld Label
2305367	Upper Part PS-IK2
2305321	Upper Part PS-IK3
2305373	Upper Part PS-IK4
2305461	Upper Part PS-IK3 SCROLL
2305462	Upper Part PS-IK4 SCROLL
2305398	Lower Part with connector PI IK2 MK CAB
2800107	Lower Part PI IK2 MK [without Multikey]
2305372	Lower Part PI IK2 KEY
2305396	Lower Part with connector PI IK2 KEY CAB
2800099	Lower part PI70 IK3 MK [without Multikey]
2305257	Lower part PI70 IK3 KEY
2305274	Lower part with connector PI70 IK3 KEY CAB
2800100	Lower Part PI IK4 MK [without Multikey]
2305342	Lower Part PI IK4 KEY
2305343	Lower Part with connector PI IK4 KEY CAB
2305332	Blind Cover IK2 LED
2800082	IK3 IR PLATE
2800174	TX Lower Part Label Kit TX (50 labels)
2303674	Upper part PS60K/1
2303676	Upper part PS60K/2
1122298	Compass 1 Icon Set
1122299	Compass 2 Icon Set
1122297	English Letters Icon Set
1122296	FIN & SWE Icon Set
1122303	START Button Icon
1122301	White Arrow Icon
1122302	Black Arrow Icon

# Remote control parts

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Joysticks	
Code	Description
MA	Paddle Joystick
MACC	Analogic Paddle + ACC
MO70 2014	M070 Optical Joystick
MO70 HM	M070 Optical Joystick Dead Man button
EUCHNER Joystick	Single Step electrical Joystick 2 Axis
EUCHNER Joystick	Single Step electrical Joystick 2 Axis crossgated
EUCHNER Joystick	Single Step electrical Joystick 1 Axis
XY	Joystick Hall XY
XYZ	Joystick Hall XYZ
XYHM	Joystick Hall Dead Man button
XYPG	Joystick Hall PG crossgated
2800129	Optical Joystick MO70 2014
2800131	Optical Joystick DeadMan button MO70 HM
1151261	Small Knob MO70 S
1151260	Large Knob MO70 L
1142203-A0	Extra Large Knob MO70 XL
2303669	MO70 Joystick Cover CMO70
2800115	Single Step electrical Joystick 2 axis EUCHNER Joystick
2800116	Single Step electrical Joystick 2 axis cross gated EUCHNER Joystick
2800117	Single Step electrical Joystick 1 axis EUCHNER Joystick
1107020	Joystick Cover EUCHNER Joystick
2800110	Joystick Hall XY
2800111	Joystick Hall XYZ
2800112	Joystick Hall DM XYHM
2800113	Joystick Hall PG Crossgated XYPG
1107035	Hall Joystick Plate
1107036	Hall Joystick Cover
2800114	Paddle Joystick MA

# Remote control parts

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Switches	
Code	Description
KEL	MO70 Knob EXTRA LARGE
311	Key Lock Switch- 311 Metallic Key
311 3 pos	Key Lock Switch-1 position extraction - 3113 pos
311 3 pos	Key Lock Switch-2 position extraction - 3113 pos
S	Auxiliary Maintained switch [HANDHELD]
S	Auxiliary Maintained switch [CONSOLE]
M	Auxiliary Spring return switch [HANDHELD]
M	Auxiliary Spring return switch [CONSOLE]
PB	Auxiliary Pushbutton
SPB	Auxiliary Side Pushbutton
ROT	Auxiliary Rotary switch1 [HANDHELD]
ROT	Auxiliary Rotary switch1 [CONSOLE]
OTTO	OTTO switches
HALL	HALL switches
POT	Potentiometer
S	ATEX- Maintained switch S70 1-0-1
M	ATEX- Spring return switch M70 (1-0-1)
ROT	ATEX- Auxiliary Rotary switch (Max 16 Steps)
2303670	Pushbutton P70
2800137	Pushbutton cover
2800132	Cover Key
STP	STOP Button
2300170	Key lock K60
2800043	Plastic key K60-K60P
2305127	STOP button EMS70
2303670	Push button P70
1152023-D0	Push button cover CP70
2303770	Spring return switch M70 1-0-1
2303760	Maintained switch S70 1-0-1
2305236	Rotary switch 16 POS
2305283	Hall Pushbutton PHS70
2305284	2 Step Hall Pushbutton PH70
2305282	Hall Toggle Switch MH70 1-0-1
2305281	Hall Selector Switch SH70 1-0-1
1102008	Tilt Switch
1102033	Metallic Key 311
2300350	Key Lock K60P
2800043	Plastic Key K60-K60P
1102051	1 position extraction 311 3 pos.
1102052	2 position extraction 311 3 pos.
2305368	Multikey Type H



# Remote control parts

Danfoss  
formerly known as Ikusi



Switches	
Code	Description
2800081	STOP button IK4
2800128	Pushbutton 0-1 APEM
1107006	Pushbutton Boot
1137006	Washer Pul/Man/Sel
1102131	Black Round Button
2800124	Spring Return Toggle Switch 1-0-1 APEM
2800126	Spring Return Toggle Switch 0-1 APEM
2800120	Spring Return Toggle Switch 1-0-1 OTTO
2800122	Spring Return Toggle Switch 0-1 OTTO
2800123	Maintained Toggle Switch 1-0-1 APEM
2800125	Maintained Toggle Switch 0-1 APEM
2800119	Maintained Toggle Switch 1-0-1 OTTO
2800121	Maintained Toggle Switch 0-1 OTTO
1107007	Boot for Toggle switch
2800127	Maintained Spring return 1 – 0 – 1 APEM
2399125	Rotary Switch 6 steps lineal
2399140	Rotary Switch 12 steps lineal
1102054	Rotary Switch 16 steps binary Console Box
1102074	Rotary Switch 24 steps binary
1016691	Potentiometer with ON/OFF switch
1016168	Potentiometric without ON/OFF switch
2303671	Pushbutton cover CP60K
2305149	STOP button EMS70K

# Remote control parts

**Danfoss**  
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Elektronics	
Code	Description
2800062	Transmitter Board LE71 EMB
2800059	Transmitter Board LE71 MCX
2800060	Transmitter Board LE71 DLA EMB
2800061	Transmitter Board LE71 DLA MCX
2800065	Transmitter Board LE71H EMB
2800066	Transmitter Board LE71H MCX
2800067	Transmitter Board LE71HD EMB
2800068	Transmitter Board LE71HD MCX
2800077	Transmitter Board LE72 EMB
2800097	Transmitter Board LE72 MCX
2800078	Transmitter Board LE72 DLA EMB
2800098	Transmitter Board LE72 DLA MCX
2800070	Transmitter Board LE72H MCX
2800071	Transmitter Board LE72HD MCX
2800096	Transmitter Board LE72IK 4E8E
2800168	Transmitter Board LE72IK 4M8M
2800064	Transmitter Board LE73IK 4M8M
2800075	Transmitter Board LE74IK 4M8M
DIRS	Transmitter LCD 2x12 (TM70) Autonomous + IRS
TFT	Transmitter TFT 3.5" (IK3 & IK4) Autonomous
LCD	Transmitter LCD 128x64 BW (IK2) Autonomous
PLED 2	Transmitter LED Panel IK2
PLED 34	Transmitter LED Panel IK3, IK4
LA	Range limiter- 1 LA70 + 1 IR Sensor [HANDHELD]
LA	Range limiter- 1 LA70 + 1 IR Sensor [CONSOLE]
LA SL	Range limiter- LA70 Slave [HANDHELD]
LA SL	Range limiter- LA70 Slave [CONSOLE]
LAM	Range limiter- 1 LA70M + 1 IR Sensor [HANDHELD]
LAM	Range limiter- 1 LA70M + 1 IR Sensor [CONSOLE]
LAM SL	Range Limiter- LA70M Slave + wiring [HANDHELD]
LAM SL	Range Limiter- LA70M Slave + wiring [CONSOLE]
LA70M	Range Limiter- Shock Absorbers [HANDHELD]
LA70M	Range Limiter- Shock Absorbers [CONSOLE]
CAB	20m Cable link
TILT	Tilt detector
2305444	Eeprom EP80
2305444	Eeprom EP80
2305355	EP70 16K
EEPROM	Modification EEPROM
2305064	Range Limiter- LA70
2305065	Range Limiter- LA70 24VDC
2305229	Range Limiter- LA70M

# Remote control parts

**Danfoss**  
formerly known as Ikusi



Elektronics	
Code	Description
2305228	Range Limiter- LA70M 24VDC
2305230	LA70M Slave
2301234	LA70M Slave wiring cable
2303723	Internal antenna Tx T70 870 - 915 MHz
2303727	Internal antenna Tx T70 433 MHz
2305355	EP70 16K
EEPROM	Modification EEPROM
2800101	Transmitter board with hybrid radios LE72IK 4M8E
2800104	Transmitter board with hybrid radios LE72IK 8M8E
2800102	Transmitter board with hybrid radios LE73IK 4M8E
2800105	Transmitter board with hybrid radios LE73IK 8M8E
2800103	Transmitter board with hybrid radios LE74IK 4M8E
2800106	Transmitter board with hybrid radios LE74IK 8M8E
2305064	Range Limiter- LA70
2305065	Range Limiter- LA70 24VDC
2305229	Range Limiter- LA70M
2305228	Range Limiter- LA70M 24VDC
2305230	LA70M Slave
2301234	LA70M Slave wiring cable
2800109	Flexible Antenna Console Box 433MHz
2303733	Console Box Internal Antenna 870-915MHz
1095093-A0	2xMO70 Power Supply
1099043-A0	Universal Wiring XY Axis MO70 2014
1095081	LED Wiring
1095082	IR wiring
1095083	LCD Display wiring
1095084	STOP wiring
1095085	START PushButton Wiring
1095086	Auxiliary Orders wiring
1095087	MA70 wiring
1099038-A0	Joystick Hall wiring
1099028-A0	Auxiliary Orders wiring IK2
1099027-A0	LED + IR wiring IK2
1096417-B0	IK3 & IK4 Multikey wiring MK IK3, IK4
2305331	LCD Display IK2 LCD
2305258	TFT Display IK3-4 TFT
2800163	KIT SCROLL IK3-4
2305406	LED panel IK2 PLED 2
2305405	LED panel IK3-4 PLED 3-4
2305047	Transmitter board LE60 SINGLE
2305049	Transmitter board LE60 FULL EU
2305048	Transmitter board LE60 FULL US

# Remote control parts

**Danfoss**  
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Elektronics	
Code	Description
2303719	Internal antenna Tx "SINGLE K"
2303720	Internal antenna Tx "FULL K"
2303721	Internal antenna Tx "R6012"

Sets	
Code	Description
3302551	TM IKORE.11
3302590	TM IKORE.11 24VAC
3302559	TM IKOREB.11
3302587	TM IKOMPACT8.08
3302588	TM IKOMPACT12.08
3302506	TM70/1.06
3302260	TM70/1.13
3302270	TM70/1.21
3302275	TM70/2.06
3302280	TM70/2.13
3302290	TM70/2.21
3302498	TM70/1.06DC
3302263	TM70/1.13DC
3302271	TM70/1.21DC
3302499	TM70/2.06DC
3302283	TM70/2.13DC
3302293	TM70/2.21DC
3302510	TM70/1.CAN 2*
3302242	TM70/1.08*
3302512	TM70/2.CAN 2*
3302272	TM70/2.08*
3302284	TM70/2.20*
3302487	TM IK2.06
3302485	TM IK2.13
3302483	TM IK2.21
3303000	TM IK3.13
3303010	TM IK3.21
3302494	TM IK4.06
3302490	TM IK4.13
3302491	TM IK4.21
3302495	TM IK2.13 DC
3302496	TM IK3.13DC
3302497	TM IK4.13DC
3302481	TM IK2.08*
3302482	TM IK2.20*
3302484	TM IK2.CAN*

# Remote control parts

**Danfoss**  
formerly known as Ikusi



Sets	
Code	Description
3302551	TM IKORE.11
3302590	TM IKORE.11 24VAC
3302559	TM IKOREB.11
3302587	TM IKOMPACT8.08
3302588	TM IKOMPACT12.08
3302506	TM70/1.06
3302260	TM70/1.13
3302270	TM70/1.21
3302275	TM70/2.06
3302280	TM70/2.13
3302290	TM70/2.21
3302498	TM70/1.06DC
3302263	TM70/1.13DC
3302271	TM70/1.21DC
3302499	TM70/2.06DC
3302283	TM70/2.13DC
3302293	TM70/2.21DC
3302510	TM70/1.CAN 2*
3302242	TM70/1.08*
3302512	TM70/2.CAN 2*
3302272	TM70/2.08*
3302284	TM70/2.20*
3302487	TM IK2.06
3302485	TM IK2.13
3302483	TM IK2.21
3303000	TM IK3.13
3303010	TM IK3.21
3302494	TM IK4.06
3302490	TM IK4.13
3302491	TM IK4.21
3302495	TM IK2.13 DC
3302496	TM IK3.13DC
3302497	TM IK4.13DC
3302481	TM IK2.08*
3302482	TM IK2.20*
3302484	TM IK2.CAN*
3302419	TM IK3.20*
3303251	TM IK3.CAN*
3302493	TM IK4.20*
3302492	TM IK4.CAN*
3302244	TM70/1.06 ATEX
3302245	TM70/1.06 ATEX CSA

# Remote control parts

**Danfoss**  
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Sets	
Code	Description
3302261	TM70/1.13 ATEX
3302264	TM70/1.13 ATEX CSA
3302281	TM70/2.13 ATEX
3302285	TM70/2.13 ATEX CSA
3302291	TM70/2.21 ATEX
3302294	TM70/2.21 ATEX CSA
3302246	TM70/1.08 ATEX
3302247	TM70/1.08 ATEX CSA
3302524	TM70/1.13 ATEX/IECEX Z2
3302525	TM70/2.13 ATEX/IECEX Z2
3302262	TM70/1.13 RATEX Z1
3302282	TM70/2.13 RATEX Z1
3302292	TM70/2.21 RATEX Z1
3302700	FIX-TO-FIX SYSTEM 16 OUTPUTS DANFOSS
Option	FIX-TO-FIX SYSTEM 13 output relays
2305280	Tx16 Full Spare Transmitter
2305434	TM80 HANDHELD TRANSMITTER- T IKORE
2305447	TM80 HANDHELD TRANSMITTER- T IKOREB
2305481	TM80 HANDHELD TRANSMITTER- T IKOMPACT8
2305482	TM80 HANDHELD TRANSMITTER- T IKOMPACT12
2301090	TM70 HANDHELD TRANSMITTER- T70/1
2301091	TM70 HANDHELD TRANSMITTER- T70/2
2305339	IKONTROL RANGE TRANSMITTER- T IK2
2301220	IKONTROL RANGE TRANSMITTER- T IK3
2305340	IKONTROL RANGE TRANSMITTER- T IK4
2305304	ATEX TRANSMITTER- T70/1 ATEX
2305319	ATEX TRANSMITTER- T70/1 ATEX CSA
2305305	ATEX TRANSMITTER- T70/2 ATEX
2305320	ATEX TRANSMITTER- T70/2 ATEX CSA
2301084	Transmitter T60K-S EU
2301083	Transmitter T60K-S US
2301082	Transmitter T60K-F EU
2301081	Transmitter T60K-F US

# Remote control parts

**Danfoss**  
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Receiver	
Code	Description
2305431	TM80 RECEIVER- AC Power Supply R11
2305483	TM80 RECEIVER- DC Power Supply MP08A 2.4GHz
2305485	TM80 RECEIVER- DC Power Supply MPCAN 2.4 GHz
3302418	TM70 RECEIVER- DC Power Supply R70/13DC
3302422	TM70 RECEIVER- DC Power Supply R70/21DC
2305249	TM70 RECEIVER- DC Power Supply RCAN
2305323	TM70 RECEIVER- DC Power Supply MP08A
2305424	TM70 RECEIVER- DC Power Supply MP08V
2305318	TM70 RECEIVER- DC Power Supply MP20A
2305423	TM70 RECEIVER- DC Power Supply MP20V
2305450	TM70 RECEIVER- DC Power Supply MPCAN
2305382	TM70 RECEIVER- AC/ DC Power Supply R06
2305375	TM70 RECEIVER- AC/ DC Power Supply R13B
2305376	TM70 RECEIVER- AC/ DC Power Supply R13F
2301092	TM70 RECEIVER- AC/ DC Power Supply R70/13
2301093	TM70 RECEIVER- AC/ DC Power Supply R70/21
2305184	ATEX RECEIVER- AC Power Supply R70/13 ATEX Z1
2305185	ATEX RECEIVER- AC Power Supply R70/21 ATEX Z1
2301251	ATEX RECEIVER- AC Power Supply R13 ATEX Z2 ANT. EXT
2301252	ATEX RECEIVER- AC Power Supply R13 ATEX Z2 ANT. INT
TEL	Cable connection connector
RDC	ATEX- Receiver power supply 9-35 VDC
ANT. EXT Z2	ATEX- R13 Z2 Receiver external antenna
2800055	Receiver Boards LR71 AC MCX
2800057	Receiver Boards LR71 DC MCX
2800056	Receiver Boards LR72 AC MCX
2800135	Receiver Boards LR72 AC MCX CAT4
2800058	Receiver Boards LR72 DC MCX
2305397	Receiver Boards R06 MCX
2305386	Receiver Boards R13B MCX
2305387	Receiver Boards R13F MCX
2303739	Expansion Board- R8CAN
2303908	Expansion Board- A1P4RCAN
2303898	Expansion Board- A2VCAN
2303907	Expansion Board- A2ICAN
2305273	Expansion Board- A2 0/4-20mA
2303754	Expansion Board- INCAN
2303755	Expansion Board- IN 0-10V
2300597	Expansion Board- IN4D
2303758	Expansion Board- IN 0-450P
2305272	Expansion Board- IN 0/4-20mA
2303726	Expansion Board- CS-ABUS

# Remote control parts

**Danfoss**  
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Receiver	
Code	Description
2305231	Expansion Board- CS-GH
1106077	R06 - R13 F.A. (Power Supply)- IN 48-230VAC OUT 10V 1A
1106081	R06 - R13 F.A. (Power Supply)- IN 18-30VAC/8-36VDC OUT 10V
2305209	R70PLUS & LA70M power supply F.A. AC
2305210	R70PLUS & LA70M power supply F.A. DC
2305193	R70PLUS & LA70M power supply POT701
1103137	DC/DC Converter (+12V...-12V)1
1103136	DC/DC Converter (+15V...-15V)1
2305408	PROFIBUS Solution- Profibus Gateway
2800108	PROFINET Solution- Profibus Gateway
2303724	Internal Antenna Rx R70 870-915MHz
2303729	Internal Antenna Rx R70 433MHz
1119015	External antenna Rx A60 (433 MHz)
1119025-A1	External antenna Rx AE70/870
2305365	Multiband Antenna
1119039	TNC 902-928 MHz Antenna
1119020	Antenna extension Lead PA3 BNC
1119022	Antenna extension Lead PA8 BNC
2300133	Antenna extension Lead PA15 BNC
2305310	Antenna extension Lead R13 & MP20 Receiver display
1095092-C0	POT70-A2V wiring cable
1095122	External antenna wiring MCX/BNC
1095143-A0	External antenna wiring MCX/TNC
1095100-A0	Tether connection wiring
1095040	1 expansion CAN wiring
1095041	2 expansion CAN wiring
1095062	3 expansion CAN wiring
1095061	4 expansion CAN wiring
1095063-A0	R70 PLUS CAN wiring
2305395	Complete Enclosure R06
2305452	Complete Enclosure R13B
2305453	Complete Enclosure R13F
2305454	Complete Enclosure MP20
2800079	Complete Enclosure R70
2800178	Complete Expansion Universal Tray RC70
2800175	RX Label Kit RX (50 labels)
1166074	Receiver shock absorbers kit R70
2305009	Receiver shock absorbers + fixation magnets Kit R70
2305441	Receiver Shock absorbers + bipolar fixation magnets R06/CAN
2305441	Receiver Shock absorbers + bipolar fixation magnets R13/MP20
2305307	Connector kit MP20
2305317	Connector kit MP08
2305440	Connector kit MPCAN



# Remote control parts

**Danfoss**  
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Charger	
Code	Description
2305429	Battery charger kit
2305441	Antivibration kit bipolar magnets
1166113	Shock Absorbers LA70M
2305002	CB70 Battery charger without power supply
1106076	CB 70 Battery Charger AC ADAPTOR 100-240VAC 50/60 Hz
2800083	20 m Tether Connection

Batteries	
Code	Description
2305429	BC70K + 2BT11K Battery charger plus batteries
2303691	BT06 (TM60)
2303696	BT12 (TM60)
2303692	BT06K (TM70)
2305160	BT06K ATEX1
2305448	BT27IK
2305369	BT11K (IK2)
2305190	FAL70BOT 230Vac
2305189	FAL70BOT 12-24Vdc
2305192	FAL70PUP 230Vac
2305191	FAL70PUP 12-24Vdc

# Remote control parts

**Danfoss**  
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Belts	
Code	Description
KACIK2	IK2 Belt Connection Kit
KABIK3	IK3 Shoulderstrap Connection kit
KACIK4	IK4 Belt connection Kit
	Protection Bag
	Hand Strap
B70	Shoulder Strap
B70C	Shoulder Strap Comfort
IK	Belt Comfort
2800136	Handstrap kit
2305010	Protection Bag T70/1
2305011	Protection Bag T70/2
1175035	Hand Strap
1175022	Shoulder Strap B70
1175030	Shoulder Strap Comfort B70C
1175064-C0	Belt Comfort IK
2305354	Belt Kit IK2
2305279	Shoulder Strap kit IK3
2305345	Belt Kit IK4
1175022	Shoulder Strap B70
1175030	Shoulder Strap Comfort B70C
1166113	Shock Absorbers LA70M



# Remote control brands ISO 9001 certificate

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Current issue date: 6 June 2020  
Expiry date: 5 June 2023  
Certificate identity number: 10262976

Original approval(s):  
ISO 9001 - 6 June 2017

## Certificate of Approval

This is to certify that the Management System of:

**Raca Group B.V.**

Arnoudstraat 22, 2182 DZ Hillegom, Netherlands

has been approved by Lloyd's Register to the following standards:

**ISO 9001:2015**

Approval number(s): ISO 9001 – 00009965-001

This certificate forms part of the approval identified by approval number: 00009965

**The scope of this approval is applicable to:**  
Wholesale/Importer of batteries and accessoires.

**Paul Graaf**

Area Operations Manager North Europe

Issued by: Lloyd's Register Nederland B.V.

for and on behalf of: Lloyd's Register Quality Assurance Limited



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Raca Parts  
Arnoudstraat 22  
2182 DZ Hillegom  
The Netherlands

W [www.racaparts.com](http://www.racaparts.com)  
E [info@racaparts.com](mailto:info@racaparts.com)  
T +31 (0)252 - 22 70 70