

# Announcement of discontinued products

March/2024

This document provides information regarding discontinuation of product for navigational equipment used on board. The following table shows discontinued products, date of last order, and alternative products. Applicable products can be shipped if ordered before the date of last order.

This document also provides information regarding products for which order will be closed within a year. Please be checked this document before the order.

Note: As for discontinued service parts, please refer to "Announcement of discontinued service parts".

## Gyrocompass

### **CMZ700 Gyrocompass**

Discontinued Products	Model	Date	Alternative products
Gyrocompass (system)	CMZ700B	2009.3	CMZ900B, CMZ900B2
Gyrocompass (system)	CMZ700S	2009.3	CMZ900S
Gyrocompass (system)	CMZ700D	2009.3	CMZ900D
TMC Unit	GS720	2003.1	
Dimmer Box	HX203	2001.7	
Dimmer Switch	HX204	2001.7	
Digital Repeater	KR012	2009.3	
Course Recorder	KR100A	2006.7	MKR101A、MDR290
Dual Channel Recorder	KR180A	2007.7	MKR181A、MDR290
Flux Gate Sensor	MGS501A	2003.2	
Flux Gate Sensor	MGS502	2004.6	
Flux Gate Sensor Bracket	MGS504	2004.6	
Universal Data Display	MHR110	2006.5	MHR110A/MHR120
Assist monitor	MHR112	2024.3	MHR114
D/S Repeater Converter	MKC106	2003.5	MKC106A
Control Box	MKC320	2009.3	
Control Box	MKC321	2009.3	
Dual AC Adapter	MKS066	2009.8	MKS071
AC Adapter	MKR027	2009.8	MKS070
Master Compass	MKM022	2009.3	
Connection Box	MKN015	2009.3	
Junction Unit	MKN016	2009.3	
C. Operation Unit	MKR024	2009.3	
Steering Repeater Compass	MKR051	2009.3	MKR056
Rate of Turn Indicator	MKR302	2014.5	MHR130
Spare Parts	MKZ506	2009.3	
Fitting Kit	MKZ507	2009.3	
TMC Unit	MPC430	2024.3	MPC431

**CMZ500 Gyrocompass**

Discontinued Products	Model	Date	Alternative products
Gyrocompass (system)	CMZ500	2002.6	CMZ900S
Control Box	KC313	2002.6	
Master Compass	KM014	2002.6	
Connection Box	KN004	2002.6	
Distribution Box	KN053	2002.6	
Repeater Compass	KR005A	2002.6	
Remote Unit	KR021	2002.6	
Compass Motor	KR053A	2002.6	
Course Recorder	KR100A	2006.7	MKR101A, MDR290
Dual Channel Recorder	KR180A	2007.7	MKR181A, MDR290
Rate of Turn Indicator	KR301	2002.6	MHR130
Static Inverter for Back-up	KS061	2002.6	
Power Supply for Back-up	KS063	2002.6	
Gyrocompass Change Over Unit	KT105	2002.6	
Azimuth Circle	KX603	2002.6	
Box for Gyrosphere	KZ505	2002.6	

**CMZ50 Gyrocompass**

Discontinued Products	Model	Date	Alternative products
Gyrocompass (system)	CMZ50	1999.11	CMZ900B, CMZ900B2
Stepper Amplifier	KA105	1999.11	
Master Compass	KM016	1999.11	
Connection Box	KN013	1999.11	
Repeater Compass	KR022	1999.11	
Compass Motor	KR055	1999.11	
Power Supply	KS064	1999.11	

**CMZ250X / CMZ300X Gyrocompass**

Discontinued Products	Model	Date	Alternative products
Gyrocompass (system)	CMZ250X	1999.3	CMZ900B, CMZ900B2
Gyrocompass (system)	CMZ300X	1999.3	CMZ900S
Control Box	KC307	1999.3	
Control Box	KC307A	1999.3	
Master Compass	KM008	1999.3	
Repeater Compass	KR005	1999.3	
Course Recorder	KR207	2002.6	
Box for Gyrosphere	KZ201	1999.3	
Protector for Gyrosphere	KZ202	1999.3	
Gyrosphere	KT002	2015.9	

## Autopilot

### PT500 Autopilot

Discontinued Products	Model	Date	Alternative products
Autopilot (system)	PT500D	2021.3	PT900D
Autopilot (system)	PT500A	2021.3	PT900A
Control & Power Box	PC133	2021.3	
Annunciator Unit	PH614	2021.3	
Switch Unit	PH720	2021.3	
Terminal Unit	PN026	2021.3	
Steering Repeater Compass	PR109	2003.8	
μ Transmitter	PT123	2021.3	MPT123A
DD Motor	PV008	2021.3	

### PT70 Autopilot

Discontinued Products	Model	Date	Alternative products
Autopilot (system)	PT70	2016.1	PT900
Auto Steering Unit	MPB351	2016.1	
NFU Steering Unit	MPB352	2016.1	
Auto Override Unit	MPB353	2016.1	
Hand Steering Unit	MPB354	2016.1	
NFU Override Unit	MPB355	2016.1	
NFU Steering Unit	MPB356	2016.1	
Distribution Unit	MPC145	2016.1	
Control & Power Source Box	MPC147	2001.5	
Annunciator Unit	MPH617	2016.1	
Switch Unit	MPH732	2016.1	
Override Indicator	MPH733	2016.1	
Changeover Switch Unit	MPH734	2016.1	
Control Stand	MPM227	2016.1	
μ Transmitter	MPT132	2016.1	
μ Transmitter	MPT133	2016.1	
Cables	MHY151	2016.1	

**PT100 / PT200 Autopilot**

Discontinued Products	Model	Date	Alternative products
Autopilot (system)	PT100	1998.7	PT900D
Autopilot (system)	PT200	1998.7	PT900A
Auto Steering Unit	PB315	1998.7	
Auto Steering Unit	PB316	1998.7	
Auto Back-up Unit	PB317	1998.7	
Hand Steering Unit	PB330	1998.7	
Control & Power Source Box	PC120	1998.7	
Control & Power Source Box	PC121	1998.7	
Control & Power Source Box (for Y type)	PC122	1998.7	
Control & Power Source Box (for KT type)	PC123	1998.7	
Control & Power Source Box (for S type)	PC124	1998.7	
Distribution Unit	PC125	1998.7	
Control & Power Source Box (for T type)	PC129	1998.7	
Annunciator Unit	PH610	1998.7	
Switch Unit	PH710	1998.7	
Switch Unit	PH711	1998.7	
Switch Unit	PH715	1998.7	
Control Stand	PM204	1998.7	
Control Stand	PM205	1998.7	
Terminal Unit	PN020	1998.7	
Terminal Unit	PN021	1998.7	
Steering Repeater Compass	PR105	1998.7	
μ Transmitter	PT102	1998.7	
μ Transmitter	PT110	1998.7	
Dial Steering Unit	PT160	1998.7	

## Electromagnetic Log

### **EML500 EM Log**

Discontinued Products	Model	Date	Alternative products
EM Log (system)	EML500	-	
Speed Indicator (Digital / Analog type)	LR522	2005.7	
Speed Indicator (Analog type)	LR524	2014.5	MHR130

### **EML201 EM Log**

Discontinued Products	Model	Date	Alternative products
EM Log (system)	EML201	2000.10	EML900
Display Unit	HR107	2001.7	
Dimmer Box	HX203	2001.7	
Variable Resistor for Dimmer	HX204	2001.7	
Amplifier	LA201	2000.10	
Pulse Output Relay Box	LN011	2000.10	
Speed Signal Amplifier	LN042	2000.10	
Speed Indicator (Analog type)	LR183	2000.10	
Rodmeter	LS032	2000.10	
Rodmeter	LS032A	2000.10	
Rodmeter	LS052	2000.10	
Sensitive Rodmeter ( 70mm dia.)	LS071A	2000.10	
Sensitive Rodmeter ( 35mm dia.)	LS033	2000.10	
Sensor Element (35mm dia.)	LS802	2000.10	
Cable for Rodmeter	LS903	2000.10	
Master Unit	LT201	2000.10	

## Chart Plotter

### **SPL2000 Chart plotter**

Discontinued Products	Model	Date	Alternative products
Chart plotter (system)	SPL2000	2023.12	-
Operation unit	HH507	2023.12	
Control box	HN022	2023.12	
Plot table	HR402	2023.12	

### **SPL500M Chart plotter**

Discontinued Products	Model	Date	Alternative products
Chart plotter (system)	SPL500M	2023.12	-
Operation unit	HH510	2023.12	
Plot table	HR403	2023.12	