

Artikel-Nr.	Beschreibung	Rabatt- gruppe	UVP netto (exkl. USt.)	UVP brutto (19% USt.)
<b>nke Marine Electronics</b>				
<b>TOPLINE RANGE</b>				
<b>Multifunction Displays and Autopilot</b>				
N-90-60-543	Multidisplay in weiß (vertikal oder horizontal montierbar) Lieferumfang ohne Bedienfeld.	1	1.427,14	1.698,30
N-90-60-544	Multidisplay in carbon (vertikal oder horizontal montierbar) Lieferumfang ohne Bedienfeld.	1	1.427,14	1.698,30
N-90-60-359	Multigraphic Display weiß, incl. Autopilot-Tastatur	1	1.711,76	2.037,00
N-90-60-399	Multigraphic Display schwarz/ carbon* incl. Autopilot-Tastatur	1	1.711,76	2.037,00
<b>Mast Mount Bracket</b>				
N-31-33-062	weiß composite Support for 1 multidisplay portrait	1	POA	
N-31-33-064	weiß composite Support for 2 multidisplay portrait	1	POA	
N-31-33-066	weiß composite Support for 3 multidisplay landscape	1	1.046,89	1.245,80
N-31-33-068	Ruderlagen Rückmelder, kompl. mit Schubstange und Fittings	1	1.204,71	1.433,60
<b>Windspeed &amp; Direction Sensors und Interface</b>				
N-90-60-105	Wind Standard Masteinheit (ohne Kabel und Halterung)	1	573,78	682,80
N-90-60-369	HR Wind Masteinheit (wird ohne Kabel geliefert)	1	1.303,03	1.550,60
N-90-60-560	HR Aluwind (wird ohne Kabel geliefert)	1	1.691,18	2.012,50
N-90-60-370	HR carbowind Sensor (trapezoidal end)	1	2.714,45	3.230,20
N-90-60-398	Apparent wind monitor interface	1	1.276,05	1.518,50
<b>Cable for Masthead unit and Carbowind Bracket</b>				
N-90-60-509	Windkabel und Halter für die Standard Masteinheit (34 gr/meter) - 82 ft (25m)	1	176,47	210,00
N-90-60-562	Windkabel und Halter für die Standard Masteinheit (34 gr/meter) - 115 ft (35m)	1	261,93	311,70
N-90-60-381	Cable avionic carbowind (17gr/meter) - (25 m)	1	269,24	320,40
N-90-60-351	Cable avionic carbowind (17gr/meter) - (35 m)	1	387,90	461,60
N-90-60-535	Aluwind Bracket	1	43,95	52,30
N-90-60-537	Tube for carbowind (trapezoidal)	1	148,49	176,70
<b>Compass and GPS Sensors</b>				
N-90-60-452	Fluxgate compass	1	483,61	575,50
N-90-60-534	High End - 9 Achsen-Kompass	1	1.150,08	1.368,60
N-90-60-397	GPS high frequency* + over ground true wind option	1	726,64	864,70
<b>Log/Speedo and depth Sensors</b>				
N-90-60-457	Paddle wheel speed Sensor + Borddurchlass + winter Plug	1	218,32	259,80
N-90-60-016	Electromagnetic log body without interface	1	672,44	800,20
N-90-60-479	Ultrasonic speed Sensor ohne Borddurchlass	1	991,68	1.180,10
N-90-60-456	Echolot Sensor inkl. Borddurchlass und Winter Plug	1	186,64	222,10
<b>Installation Kit</b>				
N-90-60-450	Speed/depth interface	1	262,44	312,30
N-90-60-460	15m bus cable for interface	1	73,19	87,10
N-90-60-121	Bus connection box with 6 entries	1	39,75	47,30
N-90-60-417	Bus connection box (tl25, gyrographic, multigraphic)	1	39,75	47,30
N-90-60-451	Speed/depth interface with speed selector	1	667,56	794,40
<b>Sensors and associated Interfaces</b>				
N-90-60-388-01	Angle waterproof (Rudder - rotating mast - keel)	1	500,59	595,70
N-99-50-003	Inductive mast angle (without contact)	1	POA	
N-90-60-539	Analog monitor interface (for mast, 1 way (0-5V))	1	578,24	688,10
N-90-60-570	Analog monitor interface (for mast, 1 way (0-10V))	1	578,24	688,10
N-90-60-558	Analog monitor interface (for mast, 4 way (0-5V))	1	756,72	900,50
N-90-60-571	Analog monitor interface (for mast, 4 way (0-10V))	1	756,72	900,50
N-90-60-358	Barometer HR 100 with nmea and alarms outputs	1	337,23	401,30
N-90-60-517	Batteries controller (500a)	1	381,43	453,90
N-90-60-540	Load cell interface (load cell Sensor required)	1	737,65	877,80
N-90-60-510	Load Pin 1/2" 52kN	1	1.086,81	1.293,30
N-90-60-610	Load Pin 5/8" 84kN	1	1.119,75	1.332,50
N-90-60-572	String Pot (60cm or 2m or 3m)	1	863,87	1.028,00

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<b>PADS - Remote Control - Transmitter for displays</b>				
N-90-60-545	PAD Display weiß, Bedieneinheit für das Multidisplay	1	360,76	429,30
N-90-60-546	PAD Display carbon, Bedieneinheit für das Multidisplay	1	360,76	429,30
N-90-60-547	PAD Pilot weiß, Bedieneinheit für das Multidisplay inkl. Autopilotfunktionstasten	1	360,76	429,30
N-90-60-548	PAD Pilot carbon, Bedieneinheit für das Multidisplay inkl. Autopilotfunktionstasten	1	360,76	429,30
N-98-60-258	Display radio remote control (1 transmitter + 1 receiver)	1	869,08	1.034,20
N-90-60-257	NKE GYROPILOT Fernbedienung mit eingebauter MOB Funktion(1	1	869,08	1.034,20
N-90-60-251	Crew transmitter	1	126,55	150,60
N-90-60-247	GYROPILOT transmitter	1	274,20	326,30
N-90-60-248	Displays transmitter	1	274,20	326,30
N-90-60-250	Universal radio receiver	1	594,96	708,00
<b>Gyropilot 3</b>				
N-90-60-550	GYROPILOT 3 Computer with true wind mode	1	2.423,03	2.883,40
N-90-60-089	Rudder Feedback Sensor for Gyro 3	1	320,25	381,10
N-90-60-388	Rudder Feedback and rotating mast - Watertight sensor for Gyro 3	1	500,59	595,70
N-90-60-367	12/13,6 v converter (bus supply)	1	163,95	195,10
N-90-60-513	Analogic autopilot joystick	1	307,65	366,10
<b>Gyropilot 2</b>				
N-90-60-296	True wind mode & sog reference for GYRO 2 computer	1	434,79	517,40
<b>Hydraulic Drive unit</b>				
N-90-60-437	Reversible hydraulic drive unit Mini 120 - 12V	1	1.883,03	2.240,80
N-90-60-411	Reversible hydraulic drive unit type 32 -12V	1	1.960,34	2.332,80
N-90-60-412	Reversible hydraulic drive unit type 40 - 12V	1	1.941,51	2.310,40
N-90-60-414	Drive unit type 40 for external mounting	1	2.472,69	2.942,50
N-90-60-413	Reversible hydraulic drive unit type 60 - 12V	1	2.117,14	2.519,40
N-19-60-029	Reversible hydraulic drive unit type 60 - RV3 - 24V	1	2.571,93	3.060,60
N-19-60-009	Reversible Pump RV2 - 12V	1	792,02	942,50
<b>Interface</b>				
N-90-60-538	WIFI BOX - Daten rein und raus per Wifi, USB or NMEA0183	1	522,77	622,10
N-90-60-530	Box Ethernet	1	522,77	622,10
N-90-60-568	Box N2K	1	601,18	715,40
<b>AIS</b>				
N-90-60-515	Ais transponder class b (isaf approved)	1	901,09	1.072,30
N-99-50-003	AIS transponder class B - 5 Watts (ISAF approved)	1	POA	
N-90-60-518	External passive GPS antenna for ais transponder (optional)	1	130,76	155,60
N-27-50-142	Splitter for AIS Antenna	1	487,98	580,70
<b>Processor and associated Sensors</b>				
N-90-60-373	HR processor**	1	12.807,39	15.240,80
N-90-60-478	HR gyropilot for processor**	1	3.240,08	3.855,70
N-90-60-579	3D Sensor HR**	1	8.416,30	10.015,40
N-90-60-533	Paddle wheel dual log interface for processor	1	653,45	777,60
N-90-60-531	Paddle wheel log interface for processor	1	392,10	466,60
N-90-60-532	Depth interface for processor	1	334,62	398,20
<b>Applications</b>				
	NKE Display Pro (Play Store and App Store)			
	Topsailor ( <a href="http://topsailor.nke-marine-electronics.com">http://topsailor.nke-marine-electronics.com</a> )			
<b>TOPLINE SPARE PARTS</b>				
<b>Cover / Window for Displays</b>				
<b>Gyrographic and Multigraphic</b>				
N-31-15-059	Cover for GYROPILOT GRAPHIC (weiß)	1	25,55	30,40
N-72-60-068	Cover for MULTIGRAPHIC (weiß)	1	27,73	33,00
N-72-60-071	Cover for MULTIGRAPHIC (carbon Aspect)	1	27,73	33,00
<b>Multidisplay and Pad</b>				
N-72-60-068	Cover for MULTIGRAPHIC (weiß)	1	27,73	33,00
N-72-60-071	Cover for MULTIGRAPHIC (carbon Aspect)	1	27,73	33,00

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N-72-60-096	Cover for Pad weiß	1	20,00	23,80
N-72-60-097	Cover for Pad carbon Aspect	1	20,00	23,80
<b>TL25</b>				
N-72-60-053	Cover for TL 25 (carbon)	1	27,73	33,00
N-31-33-002	Cover for TL 25 (white)	1	27,73	33,00
N-31-33-005	Front Plastic Window for TL 25 weiß	1	27,73	33,00
N-31-33-006	Front plastic window for TL25 Black	1	27,73	33,00
<b>Windspeed &amp; Direction Sensor Parts</b>				
N-18-40-023	CAP Masthead Connector	1	16,64	19,80
N-31-02-007	Masthead unit Cone	1	22,18	26,40
N-31-02-025	Counterweight for Windvane Standard and HR after 07/11	1	11,09	13,20
N-90-60-503	Monobloc Windmill for Standard MHU from 006, HR 005, carbo 007	1	17,23	20,50
N-31-02-050	Windvane Epoxy for Masthead unit	1	22,44	26,70
N-90-60-249	Cone/Vane/Counterweight Set for MHU Universal	1	67,23	80,00
N-90-60-504	Monobloc Hub/Axis/Magnet Set	1	44,87	53,40
N-90-60-161	Hub/Axis/Magnet Set for Standard MHU	1	44,87	53,40
N-72-60-036	Hub/Axis/Magnet Set for HR Wind Direction MHU	1	120,92	143,90
N-72-60-052	Hub/Axis/Magnet Set for HR Anemometer MHU	1	120,92	143,90
N-90-60-467	Stainless Bearings for Standard MHU	1	16,64	19,80
<b>Log and depth Sensor Parts (after 2005)</b>				
N-90-60-473	Log Electromagnetic Adapter for old interface	1	55,46	66,00
N-90-60-463	Log/Speedo Paddle wheel Sensor (without thru hull)	1	165,63	197,10
N-90-60-462	depth Sensor (without thru hull)	1	156,30	186,00
N-90-60-493	Ultrasonic Speedo port for dual ILS	1	991,68	1.180,10
N-31-01-016	Nut for Electromagnetic Log	1	12,52	14,90
N-90-60-344	Thru Hull Fitting for Electromagnetic Sensor	1	33,95	40,40
N-90-60-221	Thru Hull Fitting for Speed Sensor	1	56,22	66,90
N-31-35-003	Paddle wheel with screws for Log	1	30,59	36,40
<b>Log and depth Sensor Parts (before 2005)</b>				
N-90-60-453	NKE Adapter altes Echolot auf Neues	1	55,46	66,00
N-90-60-454	depth Adapter for new interface	1	55,46	66,00
N-90-60-123	Plug für Borddurchlass	1	11,09	13,20
N-31-01-002	Nut for Sensors (Paddlewheel Log and sounder)	1	12,27	14,60
<b>9X Compass and GPS Sensor Part</b>				
N-31-03-015	9X / HF GPS Mounting bracket	1	6,72	8,00
<b>GYROPILOT 2</b>				
N-90-60-010	Rudder feedback Sensor	1	320,25	381,10
N-90-60-388-02	Rudder feedback and rotating mast watertight Sensor	1	500,59	595,70
N-90-60-367	12/13,6 v converter (bus supply)	1	163,95	195,10
N-90-60-511	12V clutch option for GYRO 2 computer	1	86,13	102,49
N-90-60-512	Integrated Rudder Sensor entry option for GYRO 2 computer	1	194,54	231,50
<b>Rudder Reference Sensor 2 and 3 Parts</b>				
N-90-60-139	Rudder angle sensor adaptor GYRO2 to GYRO3	1	48,49	57,70
N-31-09-003	Navick Device (for Rudder angle Sensor)	1	18,07	21,50
N-31-08-007	Rudder Reference arm	1	7,23	8,60
N-90-60-231	Extension cable (6m) for GYRO 3 rudder reference	1	77,56	92,30
N-31-08-001	Rudder Angle swivel	1	19,08	22,70
N-90-60-175	Threaded Rod + 2 Navick Devices+ 2 swivels	1	69,75	83,00
<b>Hydraulic Drive unit Parts</b>				
N-31-09-010	Mini 120 Linear Drive unit Axis	1	44,54	53,00
N-31-09-001	Mini, 32, 40 Linear Drive unit Axis	1	44,54	53,00
N-31-09-002	60 Linear Drive unit Axis	1	44,54	53,00
N-19-60-020	swivel Yoke for Mini 120 Linear Drive	1	145,88	173,60
N-19-60-022	swivel yoke for 40 linear drive	1	101,76	121,10
N-19-60-021	swivel yoke for 60 linear drive	1	115,38	137,30
N-19-60-048	Electro-Distributor	1	203,11	241,70
N-19-60-026	Set of carbon brushes for RV2 Unit	1	82,35	98,00

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<b>Maintenance Kit for Drive unit (solenoid + carbon brush + swivel Yoke + Axis)</b>				
N-19-60-024	Maintenance kit for drive unit type 32/40 - 12V	1	334,79	398,40
N-19-60-030	Maintenance kit for drive unit type 32/40 - 24V	1	334,79	398,40
N-19-60-025	Maintenance kit for drive unit type 60 - 12V	1	334,79	398,40
N-19-60-031	Maintenance kit for drive unit type 60 - 12V	1	334,79	398,40
<b>Cable for Gyropilot computer 2 und 3</b>				
N-90-60-555	15m GYROPILOT 3 cable bus with plug	1	54,79	65,20
N-90-60-553	Power input cable for GYROPILOT 3	1	69,83	83,10
N-90-60-554	Power output & clutch cable for GYROPILOT 3	1	71,09	84,60
N-90-60-027	15m GYROPILOT 2 cable bus with plug	1	73,28	87,20
<b>Transmitter-Receiver Parts</b>				
N-31-32-006	WRIST BAND for transmitter	1	10,84	12,90
<b>Cable</b>				
N-20-61-001	Topline bus cable (meter)	1	2,02	2,40
N-20-61-003	Bus cable 6 conductors (meter)	1	3,61	4,30
N-20-21-020	Avionic cable 2 conductors (meter)	1	2,86	3,40
N-20-21-021	Avionic cable 3 conductors (meter)	1	4,45	5,30
N-90-60-285	Radio receiver cable	1	24,03	28,60
<b>Mast Mount Bracket for TL25</b>				
N-31-33-015	weiß glass fibre mount bracket 1 TL25	1	326,30	388,30
N-31-33-003	Alu mast mount bracket 1 TL25	1	326,30	388,30