

# CRUISING

# nke

MARINE ELECTRONICS

With nke's Instruments and Gyropilot, you will benefit from two crucial elements when cruising : clear display of the boat's essential information and an autopilot that you can rely on in the worst conditions!

## Gyropilot

With its built-in Gyrometer, the Gyropilot offers outstanding steering capability in all conditions! **Wireless Remote Control with Man Over Board detection, user friendly interface, nke took care of all aspects to simplify your cruise...**



## New

The Gyropilot Graphic display brings together all the benefits of graphical display in the presentation of data in analog or digital format. Its controls allow easier operation of the system. Using its built-in NMEA input, it can connect to any GPS or other instruments system.



## Instruments

To navigate with confidence, nke's instruments provide you with all the necessary information. **Displayed on analog repeaters or multifunction displays, they are always easily understandable!**



## ESSENTIAL SENSORS

*Electromagnetic log without moving parts*



*Depth sounder*



*Mast-Head unit*



## INSTRUMENTS SYSTEMS

### Multifunction displays

nke proposes three different types of multifunction displays which all fulfill the functions you expect from an integrated instruments system.

#### DL 18 multifunction :

Developed from the Performance display, it displays on two lines the boat's information. Easy to use thanks to its 6 buttons, it fulfils all the basic functions such as true wind and dead-reckoning calculations. It also provides maximum and average boat speed.



#### Performance multifunction :



Displays all the information presented on the DL18 on its large screen. In addition it provides trend and position indicators, that are very useful on compass and wind values. It can also display all the GPS channels (position, XTE, etc)

For those who prefer to see the wind angle displayed in analogue format, the **Wind multifunction** offers a dedicated dial and a digital display to view all other channels.

### Analogue repeaters

Dedicated analogue repeaters are available for easy viewing of the following functions :

Boat speed, Depth Wind speed, Close-hauled, Apparent wind angle on 360°, Electronic compass and Rudder angle.



### Sensors

NKE offers a complete range of sensors such as the **paddlewheel log** or **electromagnetic log** (no moving parts so cannot foul with algae...), the **depth sounder**, the **Masthead unit** and **compass**

Moreover, the, **battery controller** and **NMEA input/output interfaces for connection to PC and GPS can complete your installation** for an easier cruise.

### Technical characteristics

All Topline Bus elements are powered by 12 volts. Displays are available in white or black-with information selectable in English or French.

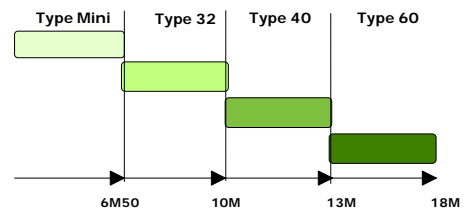
Displays	Dimensions in mm (Lxwxh)	Power consumption
Multifunction displays	150x100x22	20 + 30 mA
Analogue repeaters	115x115x25	20+20 mA
Sensors	Characteristics	
Paddlewheel log	Thru-hull fitting external diameter : 41 mm, sensor's diameter 31 mm, retractable	
Depth sounder	Thru-hull fitting external diameter : 41 mm, sensor's diameter 31 mm, retractable	
Electromagnetic log	Thru-hull fitting external diameter : 41 mm, sensor's diameter 31 mm, without moving parts	
Masthead unit	Supplied with bracket and 25m cable	
Battery controller	Can handle to battery banks, 100 amps shunt. Provides voltage, intensity, percentage of charge and number of amperes/hour available.	

## GYROPILOT

nke was the first marine electronics manufacturer (in 1995) to integrate in its full line of autopilots a Gyrometer, which precisely detects all the forces acting on the vessel, including rotation and acceleration of the boat. The Gyropilot then applies rapid and intelligent corrections to the helm.

Connected to the instruments, the Gyropilot can steer in **compass, wind ( true or apparent) or GPS mode**. Used by the best single-handed sailors (Mike Golding, Michel Desjoyeaux, etc), the Gyropilot has **proved its reliability and performance**, on thousands and thousands of nautical miles, **in the lightest and worst conditions!**

nke has 4 different types of hydraulic drive units (pump + linear) and 2 types of reversible pumps for adaptation on manual hydraulic steering systems. The Gyropilot can be mounted on boats from 20 to 60 ft and over and will suit equally sailing and motor boats!



### Wireless Remote Control of the Gyropilot

**UNIQUE to nke**, this remote control combines the functions of a **pilot remote control** as that of a **Man Over Board warning system**.



In cruising conditions, you'll be able to change the course when still sunbathing at the front of the boat(...), and you'll be insured that if you fall over the board during the night watch, the rest of the crew will be warned and will be able to manoeuvre immediately to get you back. If under pilot at this time, the Gyropilot will also stop the boat in the area! For your children or other persons on board, you can also select the **Crew Transmitter** that performs only the Man Over Board detection.

<b>Gyropilot computer</b>	2	Operates with drive units in 12 or 24 volts. Power consumption of 3 to 8 amps/h according to sea conditions and use.
<b>Gyropilot Graphic</b>		Graphical display and built-in NMEA input. (180x118x30)
<b>Gyropilot Classic</b>		All the functions in a simple command display (150x100x22)
<b>Options</b>		True Wind and SOG mode option to steer to the True Wind angle. Particularly useful for downwind conditions (as developed and successfully tested during the last Vendée Globe by Michel Desjoyeaux and Mike Golding...)



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