

## KENCLOCK

The **KenClock** has been designed based on our multifunctional displays - MFD and operate on a master/slave architecture. The high-resolution LCD touch screens provide digital representations of both UTC and local time. Control of the currently presented time on all devices belonging to the network is carried out by the master clock. This means that any changes made to the primary clock are automatically updated on the secondary clocks



Devices communicate with each other through RS-232/RS-422 serial interfaces as well as Ethernet (PoE). As the primary data source, the master clock receives signals from external GPS receivers (NMEA0183 standard), as well as from built-in GPS receiver or internal real-time clock. If communication with the master clock is lost, the secondary clock seamlessly switches to the internal time signal source to maintain accurate timekeeping.

Additionally, KenClock acts as a highly reliable time server in the ship's computer network using the NTP protocol as a stratum 1 reference.

### The time server provides the following time displays:

UTC,

local,

UTC and local,

mission time, UTC, local,

stopwatch, UTC, local.

Company website



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## FEATURES

7" LCD TOUCH SCREEN

HIGH CONTRAST AND WIDE VIEWING ANGLE

ILLUMINATED BUTTONS

EASY HANDLING WITH GLOVES

MANUAL/AUTOMATIC/REMOTE ADJUSTMENT OF THE BACKLIGHT

REDUNDANT BOTH POWER SUPPLY AND DATA SOURCES

MISSION TIME AND STOPWATCH

MANUAL TIME ZONE INPUT (ONLY ON MASTER CLOCK)

PRESENTATION OF THE SOURCE OF DISPLAYED DATA

EXTENSIVE CONFIGURATION OPTIONS

CUSTOMIZABLE DISPLAY UPON REQUEST

FAST STARTUP TIME (< 5 SEC.)

LOW POWER CONSUMPTION/WIDE RANGE OF SUPPLY VOLTAGES

OPTION TO CONNECT AN EXTERNAL ALARM INDICATOR (NO/NC)

ALARM CLOCK FUNCTION

LOSS OF AN INPUT SIGNAL / OUT-OF-DATE DATA INFORMATION

DESKTOP AND WALL MOUNTING

EASY ACCESS WITH USER'S FUNCTIONALITY

Characteristic	Value
Weight (without a bracket)	1,2 kg
Number of NMEA0183 inputs	4
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NMEA over Ethernet	1
NMEA2000	1
PoE	IEEE 802.3 at/af
NTPv4	RFC 5905
Galvanic isolation of NMEA0183 inputs/outputs	1 kV
Primary power supply	19-75 VDC
Backup power supply	19-75 VDC
Power consumption	7 W

DIMENSIONS		
	Gimbal mount version (with/without a bracket)	Panel mount version
Width	260/212 mm	220 mm
Height	132,5/123 mm	148 mm
Depth	57/36 mm	36 mm



Product website



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