

K-BRIDGE MFD



KONGSBERG



26" MULTI-FUNCTIONAL OPERATOR STATION

The K-Bridge 26" Multi-functional Display combines the capabilities of individual Radar, ECDIS and Conning stations in a single unit.

The 26" MFD is designed to be deployed in multiple locations around the bridge. In each location it operates as a fully standards-compliant Radar, ECDIS or Conning system; and at any time its role can be instantly switched.

This gives the bridge crew maximum flexibility to adapt the navigation operator stations to their immediate operating requirements.

The facility for instantly shifting command of the autopilot between operator stations contributes further to this flexibility.

FEATURES

- Remote control of the autopilot in Heading, Course and Track modes by means of a dedicated operator panel
 - Planning and monitoring of sailing routes
 - Operator panel with analogue adjustment for gain and clutter settings (in the Radar application)
 - Sharing of charts, sailing routes and AIS targets with other K-Bridge operator stations across a local area network
 - ENC: S-63 and S-57 Edition 3 (official charts)
 - Vector charts: AVCS (UKHO), Navtor, Primar, Jeppesen/C-Map
 - Raster charts (in the ECDIS application): ARCS (UKHO) or Seafarer (AHO)
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- 26" (1920 x 1200 pixel) flat panel colour display (TFT)
 - Manual and automatic radar target acquisition and tracking
 - Vector charts displayed as underlay to the radar video (in the Radar application)
 - Radar video displayed as chart overlay (in the ECDIS application)
 - Conning information adapted to the current mode of operation (track steering, docking, dynamic positioning)
 - Three colour palettes (Day, Dusk, Night) for easy adaptation of the display to ambient light conditions

TECHNICAL SPECIFICATIONS

Standards Applied

The equipment is designed to conform to the following standards:

- IMO Res.A.278(VIII)
- IMO Res.A.694(17)
- IMO Res.A.823(19)
- IMO Res.MSC.191(79)
- IMO Res.MSC.192(79)
- IMO Res.MSC.36(63)-(1994 HSC Code) 13
- IMO Res.MSC.97(73)-(2000 HSC Code) 13
- IMO Res.MSC.232(82)
- IMO SN.1/Circ.266
- IMO Res.MSC.128(75)
- IMO Res.MSC.74(69)
- IMO Res.A.342(IX)
- IMO Res.MSC.64(67) Annex 3

- ITU-R M.1177-3 (06/03)
- IEC 60945 (2002) incl. IEC 60945 Corr. 1 (2008)
- IEC 61162 Series
- IEC 61174 (2008)
- IEC 62065 (2002)
- IEC 62288 Ed.1.0(2008)
- IEC 62388 Ed.1.0 (2007)
- IEC 62616 (2010)
- IEC 62616(2010) incl. IEC 62616 Corr. 1 (2012)

- ISO 11674:2006

Dimensions

Console:	Height	Width	Depth	Weight
Slim	1200mm	650mm	859mm	61kg
Deep	1150mm	650mm	1100mm	65kg

Electrical

Input voltage:	115/230 VAC +/- 10%
Frequency:	50/60 Hz +/- 5%
Power consumption:	340 W

Environmental Specifications

In compliance with IEC 60945.

LAN

The K-Bridge 26" Multi-functional Display can be configured to communicate with:

- K-Bridge ECDIS
- K-Bridge Radar
- K-Bridge Planning
- K-Bridge Conning
- K-Bridge Autopilot
- K-Bridge Sensor Integrator
- K-Chief - Vessel automation system
- K-Pos - Dynamic positioning system
- VDR - Voyage Data Recorders

Display

Resolution:	1920 x 1200 pixels
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Cabinet Specifications

Material:	Aluminium /ANSI 316
Protection standard:	IEC 60945 Protected Environment
Colour, Black:	NCS S 9000-N (RAL 9005)
Colour,	White Aluminium: RAL 9006



Specifications subject to change without any further notice.

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