



KONGSBERG

MBR 179 MK2 PORTABLE



MARITIME BROADBAND RADIO

The MBR 179 MK2 Portable is a kit consisting of a MBR 179 MK2 radio, tripod and cables for quick deployment. The MBR Portable is delivered in two transportation hard cases and is perfect to use both on shore and on vessels which requires quick deployment for temporary operation. The Maritime Broadband Radio is a smart antenna designed for use in any application where resilient high-speed communication and high-capacity data transfer are crucial for efficient and safe operation. With beamforming the MBR 179 provides steerable high-gain antenna direction in an omnidirectional sector, ideal for vessels and moving assets. With narrow fan shaped antenna diagram, a strong link margin is maintained and continuously updated as the unit is unaffected of vessel movements.

TECHNICAL SPECIFICATIONS

RF SPECIFICATIONS

Radio type	MBR 179 MK2
Frequency band ¹	4900 MHz to 5900 MHz
Channel bandwidth	20 MHz
Antenna gain	21 dBi
EIRP	Max 57 dBm
Internal antenna elements	60

INTERFACES

Ethernet/LAN	1x RJ-45
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WEIGHTS AND DIMENSIONS

MBR unit	8.8 kg, 323 x 323 x 111 mm
Transportation case 1	100 x 47 x 17 cms, weight: 17.6 kgs
Transportation case 2	46 x 31 x 61 cms, weight: 20.4 kgs

POWER

Supply voltage Radio Unit	24 - 48 V DC
Supply voltage Portable PSU	110 - 240 V AC
Max. power consumption, full TX	210 W

ENVIRONMENTAL SPECIFICATIONS

Operational temperature range MBR Unit	-40°C - +55°C
Humidity (operating/storage) MBR Unit (recommended)	20 to 100 % RH / 20 to 70 % RH
Ingress protection MBR Unit	IP66

¹Configurable range for the single 20 MHz channel

Specifications subject to change without any further notice.

KONGSBERG SEATEX

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