

# MBR 179 MK2 PORTABLE



KONGSBERG



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 FCC
Frequency band	5725 MHz to 5850 MHz
Channel bandwidth	20 MHz
Antenna gain	21 dBi
EIRP	Up to 51 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

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



Specifications subject to change without any further notice.

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