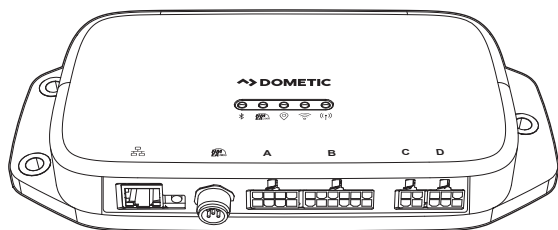


# ↗ DOMETIC

## POWER & CONTROL

### INTERACT GATEWAY



## DMG210

EN

### Dometic Marine Gateway

Operating manual.....3

 **WARNING**

Cancer and Reproductive Harm  
[www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

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## English

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## 1 Important notes

Please read these instructions carefully and follow all instructions, guidelines, and warnings included in this product manual in order to ensure that you install, use, and maintain the product properly at all times. These instructions **MUST** stay with this product.

By using the product, you hereby confirm that you have read all instructions, guidelines, and warnings carefully and that you understand and agree to abide by the terms and conditions as set forth herein. You agree to use this product only for the intended purpose and application and in accordance with the instructions, guidelines, and warnings as set forth in this product manual as well as in accordance with all applicable laws and regulations. A failure to read and follow the instructions and warnings set forth herein may result in an injury to yourself and others, damage to your product or damage to other property in the vicinity. This product manual, including the instructions, guidelines, and warnings, and related documentation, may be subject to changes and updates. For up-to-date product information, please visit [documents.dometic.com](https://documents.dometic.com).

## 2 Related documents



Find the latest Dometic Gateway Operating Manual online at <https://qrco.de/bdflj7>.



## 3 Explanation of symbols and safety instructions

This manual has safety information and instructions to help you eliminate or reduce the risk of accidents and injuries.

### 3.1 Recognize safety information



#### **WARNING! This is a safety alert symbol.**

It is used to alert you to potential physical injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

## 3.2 Understand signal words

A signal word will identify safety messages and property damage messages, and also will indicate the degree or level of hazard seriousness.



### **WARNING!**

Indicates a hazardous situation that, if not avoided, could result in death or serious injury.



**NOTE** Supplementary information for operating the product.

## 3.3 Supplemental directives

To reduce the risk of accidents and injuries, please observe the following directives before proceeding to operate this appliance and/or application:

- Read and follow all safety information and instructions.
- Read and understand these instructions before operating this product.

# 4 Exposure to radio frequency energy

The radiated output power of this device meets the limits of radio frequency exposure limits of the organizations below.



### **WARNING! Radio frequency hazard**

This device should be operated with a minimum separation distance of 8 in. (20 cm) between the equipment and a person's body. Failure to obey this warning could result in death or serious injury.

## 4.1 Federal Communications Commission (FCC) notice

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

Changes or modifications to this product not authorized by Dometic could void the electromagnetic compatibility (EMC) and wireless compliance and negate your authority to operate the product.

## 4.2 Innovation, Science and Economic Development Canada (ISED) notice

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

## 5 Intended use

The Dometic Marine Gateway (hereinafter referred to as gateway) is intended to offer control and monitoring of vessel systems via the Dometic Marine application (app) available for specified Apple and Android devices. Monitoring and control functions can be achieved remotely with a Dometic cloud account or within range of a local connection.

The product is only suitable for the intended purpose and application in accordance with these instructions. This manual provides information that is necessary for proper operation of the product. Improper operating or maintenance will result in unsatisfactory performance and possible failure. The manufacturer accepts no liability for any injury or damage to the product resulting from:

- Incorrect assembly or connection, including excess voltage
- Incorrect maintenance or use of spare parts other than original spare parts provided by the manufacturer
- Alterations to the product without express permission from the manufacturer
- Use for purposes other than those described in this manual

Dometic reserves the right to change product appearance and product specifications.

## 6 General information

This section describes the packaging and specifications for the gateway.



**NOTE** The images used in this document are for reference purposes only. Components and component locations may vary according to specific product models. Measurements may vary  $\pm 0.4$  in (10 mm).

### 6.1 Scope of delivery

This section shows the materials provided. The actual package contents may vary. Refer to the complete parts list (available online at [www.dometic.com](http://www.dometic.com)) for more information.

#### Package contents

|                        |                                               |
|------------------------|-----------------------------------------------|
| Dometic Marine Gateway | Dometic Marine Gateway short operating manual |
|------------------------|-----------------------------------------------|

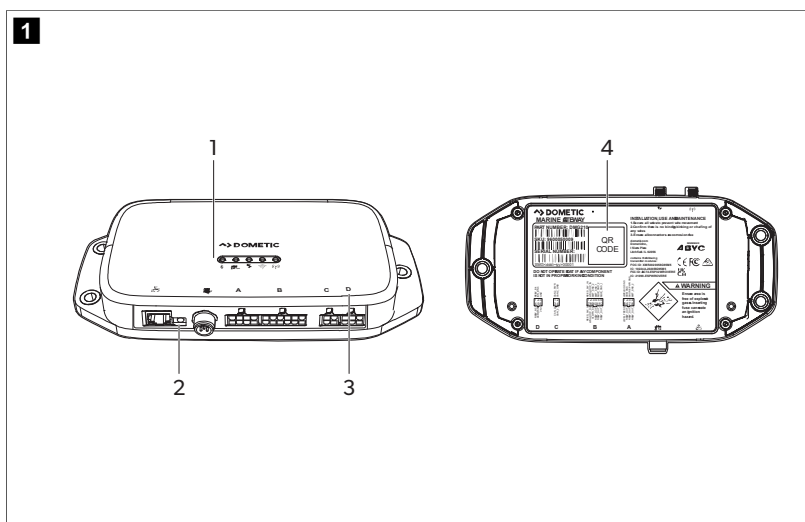
## 6.2 Specifications

This section provides the gateway operation parameters.

| Gateway                     | Specifications                        |
|-----------------------------|---------------------------------------|
| Temperature operating range | -0.4 °F (-18 °C) ... 170.6 °F (77 °C) |
| Humidity operating range    | 0 ... 100%                            |

## 6.3 Component locations

This section identifies the gateway components referenced in this manual.



- |                  |                                    |
|------------------|------------------------------------|
| 1 LED indicators | 3 Connector D                      |
| 2 Pairing button | 4 Gateway quick response (QR) code |

## 7 Getting started

This section describes how to install the app on a phone and how to pair with the gateway to access the available controls and monitoring features and functions. These steps are required to access the gateway functions.



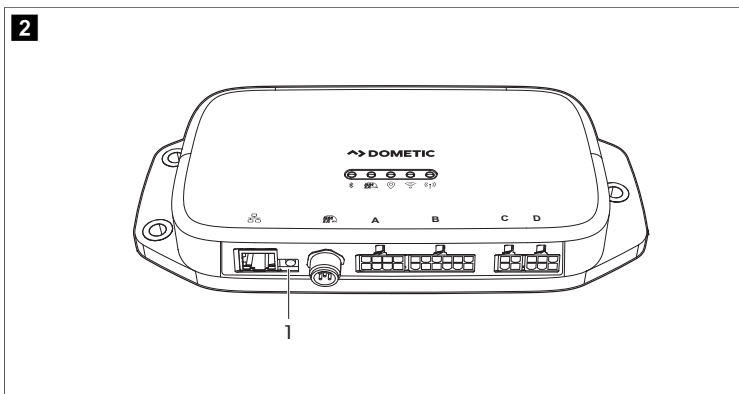
**NOTE** To complete the process successfully, you must let the app access the phone's Bluetooth and location services, if prompted. Also, you must have physical access to the gateway and to the gateway quick response (QR) code. If you do not know where the gateway is installed, contact the installer or vessel manufacturer.

1. Find and install the Dometic Marine app in the Apple App Store or the Google Play Store.



[qr.dometic.com/bel0UZ](http://qr.dometic.com/bel0UZ)

2. Use the app to create and log into a cloud account.
3. Follow the app step-by-step guidance, including the pairing process when prompted:
  - a) Scan or enter the gateway QR code located on the bottom of the gateway or included in the packaging.



1 Pairing button

- b) Press and release the Bluetooth pairing button located on the front edge of the gateway.
4. Consult the app for the remaining step-by-step guidance.

## 8 Maintenance

This section describes how to care for the gateway.

### 8.1 Storage mode

When the gateway is placed in storage mode, the gateway is Off and does not perform any communication or monitoring/control functions.

To place the gateway into storage mode:

1. Remove the external power to the gateway.
2. Press and hold the pairing button for 15 seconds until the LED indicators no longer illuminate.
3. To exit storage mode, apply external power to the gateway.

## 9 Troubleshooting

This section describes how to troubleshoot common errors that may be encountered.

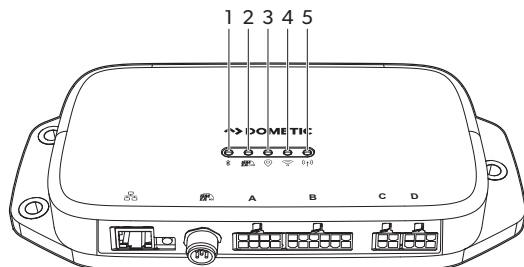
### 9.1 Gateway troubleshooting

| Problem                                     | Possible cause                                                                  | Suggested remedy                                                                       |
|---------------------------------------------|---------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| The app login process is not successful.    | The cloud account email and password are incorrect or were entered incorrectly. | Confirm the cloud account email and password are correct and repeat the login process. |
| The gateway is not functioning as expected. | The gateway's wireless or communication connectivity may have been interrupted. | Refer to Gateway LED indicators on page 8 for more information.                        |

### 9.2 Gateway LED indicators

This section describes the five LED indicators that offer details about the gateway's wireless and NMEA2000 (National Marine Electronics Association) communication status.

- If the D-2 input is asserted, the LED indicators remain illuminated when the associated function is not halted.
- If the D-2 input is de-asserted, the LED indicators flash once every four seconds.

**3**


| LED |           | LED indicator status |                                                                                         |                                                                   |                                                                                                                                                                                                             |
|-----|-----------|----------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     |           | Off                  | Green                                                                                   | Blue                                                              | Red                                                                                                                                                                                                         |
| 1   | Bluetooth | Halted               | The gateway is connected to a phone.                                                    | The gateway is ready, but is not connected to a phone.            | An internal fault has occurred. With Connector D still connected to the battery, reset the gateway by pressing and holding the pairing button for 15 seconds until the LED indicators no longer illuminate. |
| 2   | NMEA2000  | Halted               | The gateway is connected and receiving relevant data.                                   | The gateway is connected, but no relevant data has been received. | The Bus is Off. Check the network connections to ensure at least one other node is present on the network.                                                                                                  |
| 3   | GPS       | Halted               | The gateway position has been acquired.                                                 | The gateway initial position acquisition is in progress.          | The gateway is unable to acquire the positions. Ensure the antenna is connected and has an unobstructed view of the sky.                                                                                    |
| 4   | Wi-Fi     | Halted               | The gateway is connected to the cloud via Wi-Fi. The LED flashes during data exchanges. | The gateway is connected to a Wi-Fi access point.                 | An error has occurred or the gateway is not connected to an access point. Check the Wi-Fi configuration.                                                                                                    |
| 5   | LTE       | Halted               | The gateway is connected to the cloud via LTE. The LED flashes during data exchanges.   | The gateway registration is in progress.                          | An LTE error has occurred. The gateway will try to connect periodically.                                                                                                                                    |

## 10 Disposal



Place the packaging material in the appropriate recycling waste bins, wherever possible. Consult a local recycling center or specialist dealer for details about how to dispose of the product in accordance with the applicable disposal regulations.

## 11 STATEMENT OF LIMITED WARRANTY

We warrant to the original retail purchaser that Dometic Marine USA Inc. DBA Dometic (hereafter referred to as Dometic) products have been manufactured free from defects in materials and workmanship. This warranty is effective for two years from date of purchase, excepting that where Dometic products are used commercially or in any rental or income producing activity, then this warranty is limited to one year from the date of purchase.

We will provide replacement product without charge, for any Dometic product meeting this warranty, which is returned (freight prepaid) within the warranty period to the dealer from whom such product was purchased, or to us at the appropriate address. In such a case Dometic products found to be defective and covered by this warranty, will be replaced at the option of Dometic, and returned to the customer.

The above quoted statement is an extract from the complete Dometic products warranty statement. A complete warranty policy is available in the Dometic products catalog.

### Return procedure

Prior to returning product to Dometic under warranty, obtain a Return Goods Authorization (RGA) claim number.

Be sure to label the returning product with the:

- name and address of the sender
- RGA number

Address the returned good as follows and include the RGA number.

**From U.S.A.**

RGA # \_\_\_\_\_

Dometic

1 Sierra Place

Litchfield, IL 62056



**dometic.com**

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