INSTRUCTIONS FOR FIRST TIME OPERATION

1. Download the OmGate cellular application from the Apple store or the Google Play store.
2. Follow the instructions in the application and enter your phone number for identification purposes.
3. After a short time (up to 1 minute) you will receive a text message with an identification code that you can then type into the application.
4. During the first installation only, a test screen will appear and tapping the button on the screen will open the gate.
5. After the test it is recommended that you define a Gate Keeper (who will be able to add and remove users) by inserting the person's mobile phone number into the appropriate window.
6. Make sure that the invitation was received and that the application works on the Gate Keeper's phone.
7. From this point on the Gate Keeper can manage permitted gate users (invite and remove users) and add additional Gate Keepers.

WARRANTY

The OmGate unit is covered by a 24 month limited warranty against manufacturing defects. The manufacturer will replace or repair (at its option) this product if proven to be faulty (excluding misuse or accidental or malicious damage) within the first 24 months from the date of purchase. The terms of this warranty are set out in more detail in manufacturers or distributor's Terms and Conditions of Sale.

OMGATE

N345

Secure Bluetooth Access via Smart Phone

INSTALLATION INSTRUCTIONS

INTRODUCTION

The OmGate provides an easy and secure method of remote opening gates and doors directly from your smart phone via a bluetooth connection.

The smart phone app lets you know when you are approaching the OmGate and a simple tap of the button on screen opens the door or gate. Alternatively you can have the door or gate open automatically upon approach.

The application also works during phone calls and while using GPS applications.

The system allows for an administrator of the gate (Gate Keeper) who can subsequently provide access to other users. Gate access is provided to users from within the application, the user receives an invite and access through an SMS.

Users can be added or removed from the gate with ease and simplicity from within the application. Extra Gate Keepers can also be added.

Up to 20 different OmGates can be managed from a single phone.

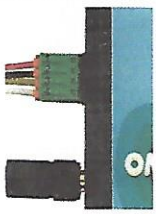
DEVICE SPECIFICATIONS

Voltage:	7-35 Volts D.C. 5-24 Volts A.C.
Current:	80 mA max.
Relay contacts:	30 Volt, 2 Amp D.C. SPST. 125 Volt, 1 Amp A.C. SPST.
Frequency:	2.4-2.48GHz
Transmission Power:	7 dBm
Operating Temperature:	-20°C to 70°C.
Size:	104mm x 72mm x 27mm.
Weight:	150gms.

APP SPECIFICATIONS

iOS:	Compatible with iPhone 4S and later with iOS 7 and higher.
Android:	Compatible with most Android-supported phones from 2013 and later with Android 4.4 or higher.

CONNECTIONS



PINS 1 & 2 Power supply input, not polarity conscious. (Red & Black wires).

PINS 3 & 4 Normally Open relay output. (White & Yellow wires).

Note that the supplied wires in the connector can be replaced by using a small screwdriver to depress the orange tab, this will release the wire in the connector and a new wire can be inserted whilst the orange tab is being depressed. The new wire requires 8mm of the insulation to be stripped before being inserted.

INSTALLATION REQUIREMENTS

1. Install the unit in a location where it will be shielded from moisture, direct sunlight and pests.
2. When installing the unit inside a metal box an externally mounted antenna is required. If installing outdoors it is preferable to install it in a water proof plastic container.
3. The power supply to the unit should be stable and secure.
4. Do not install a unit with external damage.
5. Installation should be performed by a trained and licensed installation professional.

INSTALLATION OF THE GATE UNIT

1. Remove the unit from the packaging and make sure it is physically intact.
2. Attach the antenna to the OmGate unit.
3. Connect 2 cables (white and yellow) to the door or gate's opening mechanism.
4. Connect 2 cables (black and red) to the power supply.
5. Ensure that the unit is functional (see Indicator Lights below).

INDICATOR LIGHTS

Fixed blue light	Indicates proper input voltage.
Red light	Indicates relay operation (also flashes on power up).
Lights off	Unit has no power or is damaged.