

# MV Sim Module



## OPERATION MANUAL

ED 1.00

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## Sim Module

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## Parts Included



**SIM Module Receiver**



**Manual Button**

**Figure I**

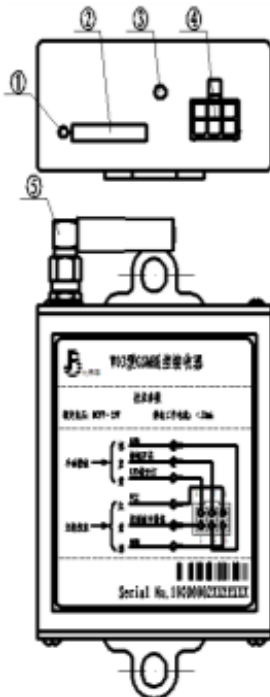
When the receiver and manual button shown in Figure I, are all securely connected and the battery is installed for the first time, the screen will light up then go out after 2 seconds.

## GSM Remote Receiver Instructions

Initial (default) Password: **2530666**

The GSM remote receiver is an extra accessory for the MV Airo and Hydro range (excluding the MV Hydro 55) that can be used to stop and start the heater via an SMS message or by a voice command over a mobile phone.

For either operation to work; you will need to provide a SIM card to place inside the receiver (see figure IV). The manual button should ideally be fixed in place before use, however it is not necessary for operation.



1. SIM card button
2. SIM card socket
3. Indication light (red and green colours)
4. Socket
5. GSM Antenna

Figure II



## Voice Control

Dial the SIM card number that you have placed into the receiver. Then follow the voice commands, step by step.

**Note:** Initial setup will be in Chinese, so follow steps 1. 2. And 3. carefully to set up the receiver, and change the language.

- 1.** A voice prompt will tell you to enter the correct password (the default password is **2530666**) followed by the # key. If the password you entered is wrong twice in a row your phone will be hung up automatically.
- 2.** During heating a voice will tell you how long the heater is heating for and how much time is remaining. It will also tell you that you can press '0' to stop heating or '8' to change the language.
- 3.** If in Chinese, the voice will tell you to press 2 for English, 3 for Russian and 0 to return. If changed correctly a voice prompt will alert you by saying "language changed correctly" in the language you have chosen.

When the heater is off a voice prompt will give you more commands: "Press 1 to heat 15 minutes", "press 2 to heat 30 minutes" etc. Pressing the relevant button will start that command



## Language Setting

When prompted, press 8 anytime to change the language settings.

If in **Chinese**, the voice will tell you to press 2 for English, 3 for Russian and 0 to return.

If in **English** it will say press 1 for Chinese, 3 for Russian and 0 to return.

If in **Russian** it will tell you to press 1 for Chinese, 2 for English and 0 to return.

If changed correctly a voice prompt will alert you by saying “language changed correctly” in the language you have chosen.

## Password Settings

When the heater isn't running you can change the password by pressing 9 (having dialled the relevant SIM number) and following it with the # Key. The new password should be 7 digits long.

You will need to confirm the password when prompted to do so. If the same password is entered both times then the voice will tell you it is correct.

To return your controller to the default password (**2530666**) you will need to hold down the manual button and wait for the green light to flash 3 times. Do this twice more (3 times in total, 9 flashes) and the passwords will return to its default.



## SMS Control

Mobile Phone number example: **07800 100123**

Default password: **2530666**

The correct SMS format will always start with \* and ends with #. If you send a message incorrectly, you will receive a message asking if you need help and if so to reply with \*88#.

You will then receive another message that sends you a reminder of the correct format of all SMS commands, like so:

```
*2530666**07800100123# *2530666*#07800100123# *2530666*##  
*2530666*HHMM*XX# *2530666*01# *2530666*02#
```

We will go through them all now:

### Linking a Mobile Phone

The GSM receiver can be linked to a maximum of 2 phones. Send the receiver the default password (**2530666**) followed by your number like so:

```
*2530666**07800100123#
```

If entered correctly you will then receive a message back from the receiver saying “07800100123 is commanded successfully”.

Trying to link a third mobile phone will result in the message: “Command is full, command unsuccessful”.





## Unlinking a mobile Phone

To unlink a mobile, simply text the receiver the password followed by your phone number enclosed in the # tag, like so:

`*2530666*#07800100123#`

If that number was linked to the receiver you will then get the message “relieved the command of 07800100123 successfully”.

To cancel all mobile phones at once, text the password followed by two # tags, like so:

`*2530666*##`

If both mobile phones are linked, you will receive the message: “All the commands are relieved successfully”. If not, the message “No command cellphone” will appear.



## Starting the Heater with SMS

You can start the heater with an SMS by texting in what time you want the heater to start (\*HHMM\*) and also the duration of operation (XX) followed by the # tag. The duration has to be between 15 and 45 minutes, it cannot be more or less.

If the phone is already linked to the receiver you will not need to text the password, if it isn't you will.

### For Example:

If you wanted to start your heater in 2 hours and 15 minutes and you wanted it to run for 30 minutes and your phone is already linked to the receiver, your text would read:

\*0215\*30#

If your phone isn't linked it requires the password before and would read:

\*2530666\*0215\*30#

A successful text will result in a reply saying:

“The heater setting time successfully! The heater will turn on after HH hours and MM minutes and heat for XX minutes”

The default heating time is **45 minutes** (XX) if you do not send a time.

The receiver will send another text when the heater has started saying:

“The heater has started, estimated heating time is XX minutes”

After a successful operation, both the GSM receiver and the manual button will flash red continuously.



## Starting the Heater Immediately with SMS

If you want the heater started immediately you can send the receiver a message.

The heating time should again be between 15 and 45 minutes and the text would read:

\*01\*15# (To last for 15 minutes)

Or:

\*01\*30# (To last for 30 minutes) etc.

If your phone isn't linked you will need to send the password as well, like so:

\*2530666\*01\*30#

## Cancelling Time Settings

You can cancel a heating time by texting:

\*0000# (For linked mobile phones)

Or with the password for unlinked phones:

\*2530666\*0000#

If successful you will receive a reply: "Time heating has been cancelled".

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## Shutting the Heater Off Immediately

To shut the heater off immediately, you can send a message reading:

\*02# (For linked mobile phones)

Or with the password for unlinked phones:

\*2530666\*02#

If the heater is heating, you will receive a reply saying: "The heater has stopped and heated XX minutes".

Thank you for purchasing the MV SIM Control Module

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