tempmate.®

MANUAL

tempmate.®-GM2

The multi use real-time solution.

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1. Intended Use

The tempmate.®-GM2 is designed to be attached to shipments and record relevant parameters as mentioned in the Data Sheet. Any use or operation which requires specific requirements and standards which aren't explicitly mentioned in the data sheet must be validated and tested on customer's own responsibility.

2. Device Description

DISPLAY

SUMMARY

RETURN INFO

START BUTTON

STOP BUTTON

PART NO. / SERIAL NO. / EXP DATE
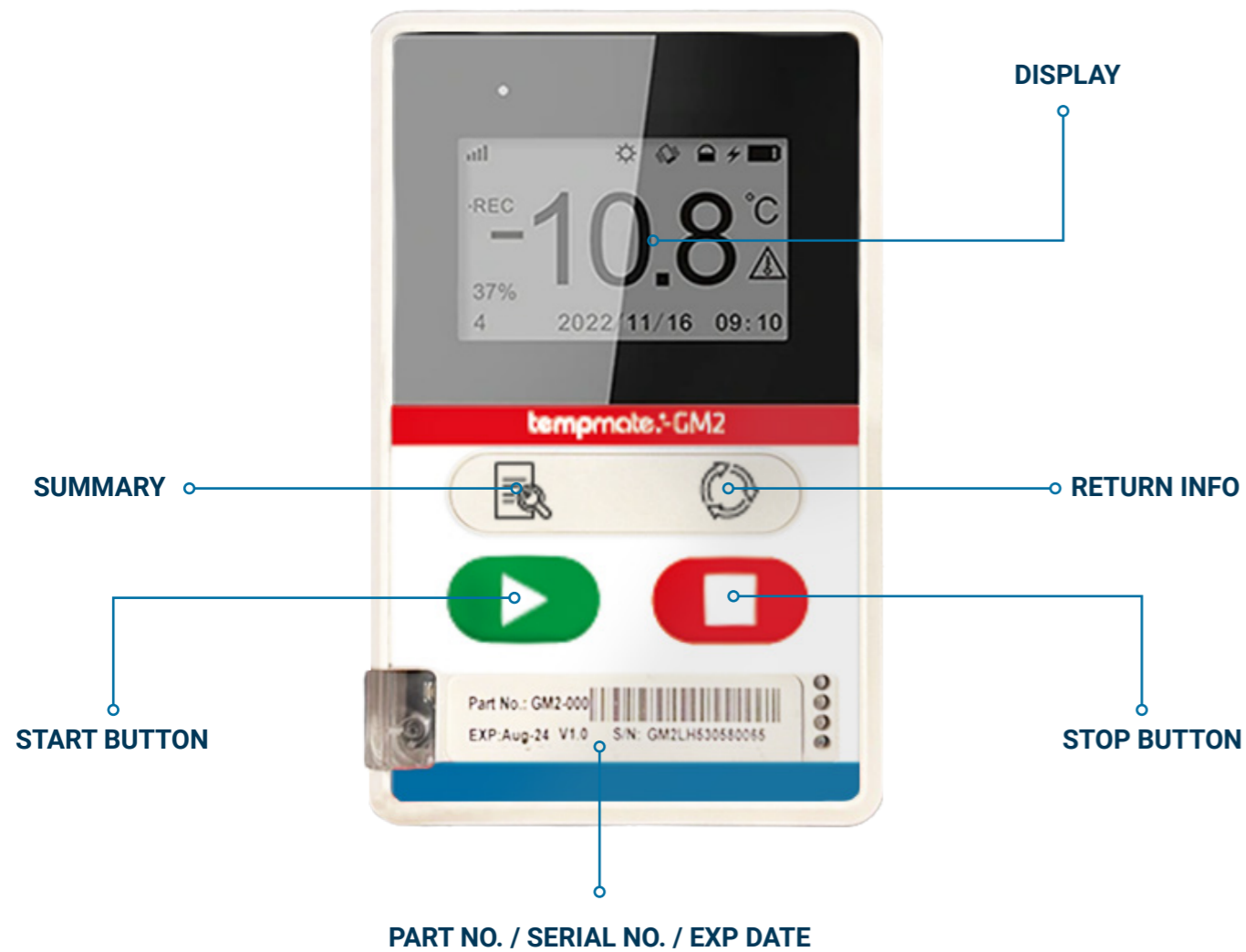
3. Accessories
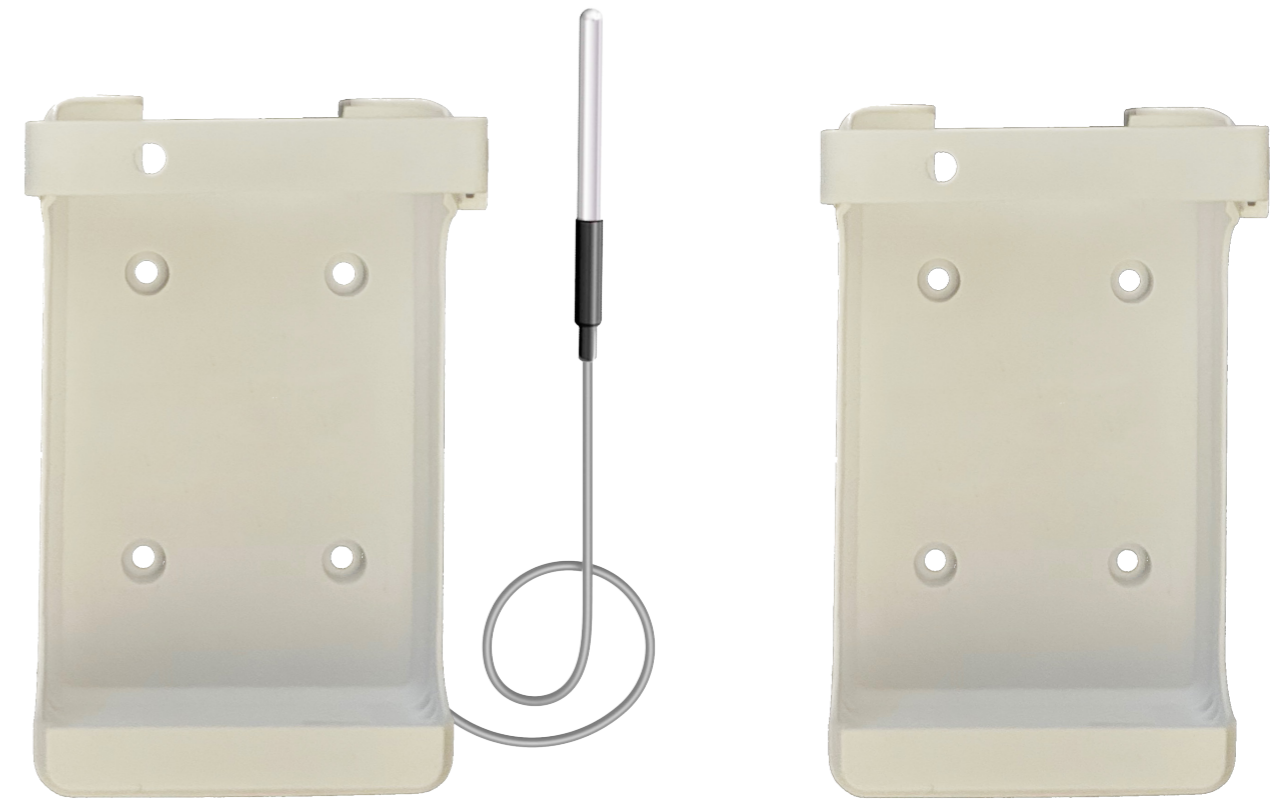
SENSOR BRACKETS with external sensor to expand temperature range and/or to increase the distance between the measuring point and the readout location.

AVAILABLE SENSORS:
TN0 Temp. Range: -40 to +80 °C
TX0 Temp. Range: -200 to +100 °C

WALL MOUNT BRACKET without external sensor to mount the device for stationary monitoring.

4. Display Description
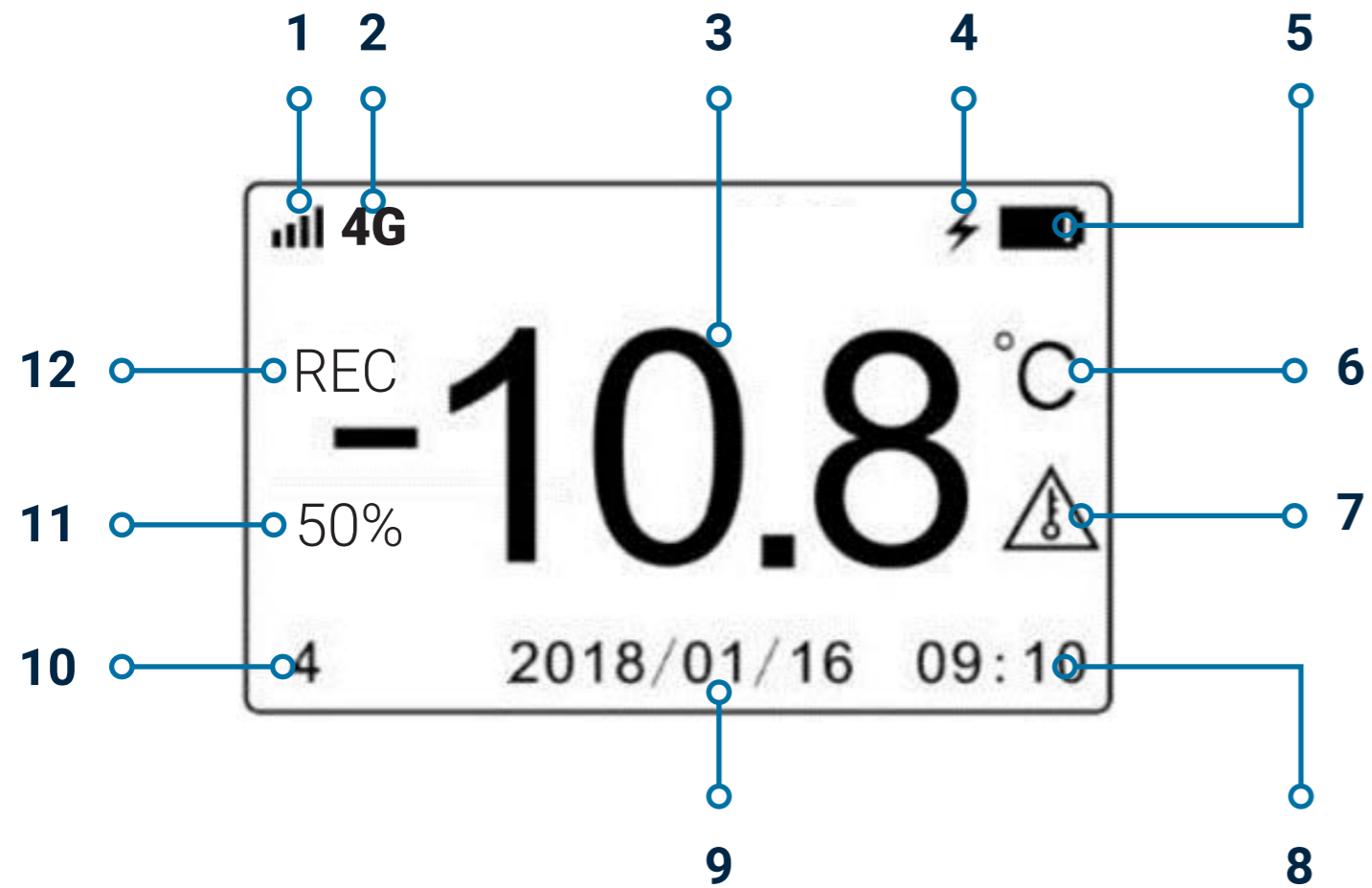
1. Network Signal
2. Connectivity
3. Current Temperature
4. Charging
5. Battery
6. Temperature Unit
7. Alarm Status
8. Time
9. Date
10. Number of Records
11. Rel. Humidity
12. Recording Sign

6. Start Guide tempmate.®-Cloud

The tempmate.®-GM2 comes with a bundled package of hardware, connectivity and cloud access. A user can easily start using the device and access the measured report in cloud by following these simple steps. In addition to a cloud account, a monitoring service (annual licence) is also required to use the device. This must be purchased in advance in order to register the devices and gain access to the advantages of the cloud.

STEP 1 Create a tempmate cloud account

To configure and access the device the user need a tempmate cloud account. The only prerequisite required to creating an account is a valid email ID. The user can create a tempmate cloud account by clicking on this link

https://web.tempmate.cloud/login

and following the instructions.

STEP 2 Add device to tempmate cloud account

The user can add new device in the tempmate cloud platform by clicking on "Add New Device" and custom configure the device by following the instructions in the cloud platform. To add the device to the account, the user should have access to the 14 character serial number of the device (mentioned on the frontside of the device, e.g.: GM2XXXXXXXXXXX).

STEP 3 Start the device

The tempmate.®-GM2 device can be started by pressing the left green button continuously for more than 5 sec. The start of the device is confirmed by „Start" appearing in the display. Additionally „REC" appears permanently on the display screen. A start can additionally be programmed in the cloud.

STEP 4 Attach the device to the shipment

Once the device is started it can be placed in the shipment or your stationary application place. Additionally the device can be mounted with the additional wall mount bracket.

STEP 5 Track the shipment

The shipment can be tracked and monitored through the tempmate cloud platform. Additionally, reports can be viewed and exported from the cloud platform.

STEP 6 Stopping the device

The device can be stopped by pressing continuously the red stop button for more than 5 sec. When the unit is successfully stopped, „Stop" appears in the display and the „RED" indicator disappears. Optionally, the device can be configured for stop from the cloud platform remotely.

More Details on: tempmate.com/help/

7. Operation and Usage

STEP 1 Status Check for not started device (Only for first use)

Press once the green "START" button and the screen will display „Press 5 Sec. to Activate". As soon as the device is activated, all indicators in the display become active and the display shows „Press 5 Sec. to Start Record", indicating that the logger is currently in not started state.

STEP 2 Starting the device

Continuously press the green "START" button for at least 5 sec.
A successfully started device confirms this with a beeping sound. The „REC" symbol appears on the display.

STEP 3 Recording information

In active mode, an alarm is shown at the bottom right of the display in the form of a warning triangle.

STEP 4 How to stop recording

Continuously press the red "STOP" button for at least 5 sec.
A successfully stopped device confirms this with a beeping sound. The „REC" symbol disappears from the display.

STEP 5 View final information

After stopping, press the SUMMARY button several times to scroll threw your final information. The summary will show for example the MAX and the MIN temperature of your last recording.

STEP 6 Charging

The battery of the tempmate GM2 can be charged.

If the battery is low before use, it can be directly connected to the micro USB interface for charging (Please use 5V charger). When charging, the charging icon ⚡ will be displayed.

More Details on: tempmate.com/help/

8. FAQ

How can I start the tempmate.®-GM2 device?
The device can be started with the green START button by pressing it continuously for more than 5 sec.

I have pressed the start button but still the device is not started. What should I do?
The device is configured to start when the green START button is pressed more than 5 sec and less than 40 sec. So, the button press time should be "5 sec < button press time < 40 sec". The upper limit of 40 sec has been set to prevent accidental start of the device during transportation.

How can I know that the device is started and recording parameters?
The proper start of the device is confirmed by a beeping sound, additionally the start can be confirmed by the record sign „REC" on the display screen.

I am not able to see the data in cloud what should I do?
The recorded data will be transmitted to the tempmate cloud based on the "Transmission Interval" set by the user while configuring the device. Additionally the device uses GSM SIM connectivity to send data to the cloud platform and in case the device is operated wherein there is no network connectivity then no data will be uploaded to the cloud platform.

Can I trigger a manual data upload?
Yes, by pushing the green START button 2 times in a row.

My shipment has reached the destination but still I do not see any data in the cloud.
The transmitting of data to the cloud depends on the GSM connectivity and in case there was no connectivity established then data will not be transmitted but the user has the possibility to locally download the report from the device using the USB port (but please note that the latest 24200 data points will be locally available on the device).

Can I reconfigure the parameters after the device is started?
Yes, the user can reconfigure or change the device configuration anytime from the cloud portal by clicking the "Edit" tab against a specific device. Only the upload interval cannot be changed in active mode.

How can I receive alarm threshold alerts?
The user can configure to receive alarm alerts through Email and/or SMS in the tempmate cloud portal.

Will I receive the real time alerts for an alarm threshold breach?
Yes, the first alarm threshold breach is triggered on real time.

How long can the device record?
With a full charge, the device can record and transmit data for 120 days. With permanent power supply, continuous operation is possible.

What does the shelf life mean?

The tempmate GM2 Lithium variant has a shelf life of 16 months and non-Lithium variant has a shelf life of 15 months from the date of production. It is mentioned as the Expiry date "EXP" on the back side of the device. That means that the user can start and use the device anytime before the mentioned Expiry date.

How can a device be stopped?

The device can be stopped by continuously pressing the red STOP button for more than 5 sec. Optionally, the device can be configured for stop from the cloud platform remotely

If I connect an external sensor, do I have to make any additional settings?

No, the external sensor is automatically recognized by the device.

What do I have to do if I want to use the tempmate.®-GM2 in stationary mode?

For permanent stationary use of the device, you have the option of using a charging cable to generate a permanent power supply. Please note that the external power supply and the resulting heat can lead to slight deviations in the temperature recording of the internal sensor.

Can I use the tempmate.®-GM2 without the tempmate.®-Cloud token?

No, a token must be purchased for each device in order to receive and analyze your data in the tempmate.®-Cloud.

Why do I have to do a double start on first use?

To conserve the battery until its first use, the device is put into deep sleep mode during production. When using the device for the first time, you must first bring it out of this deep sleep mode and into standby mode before the device can actually be started.
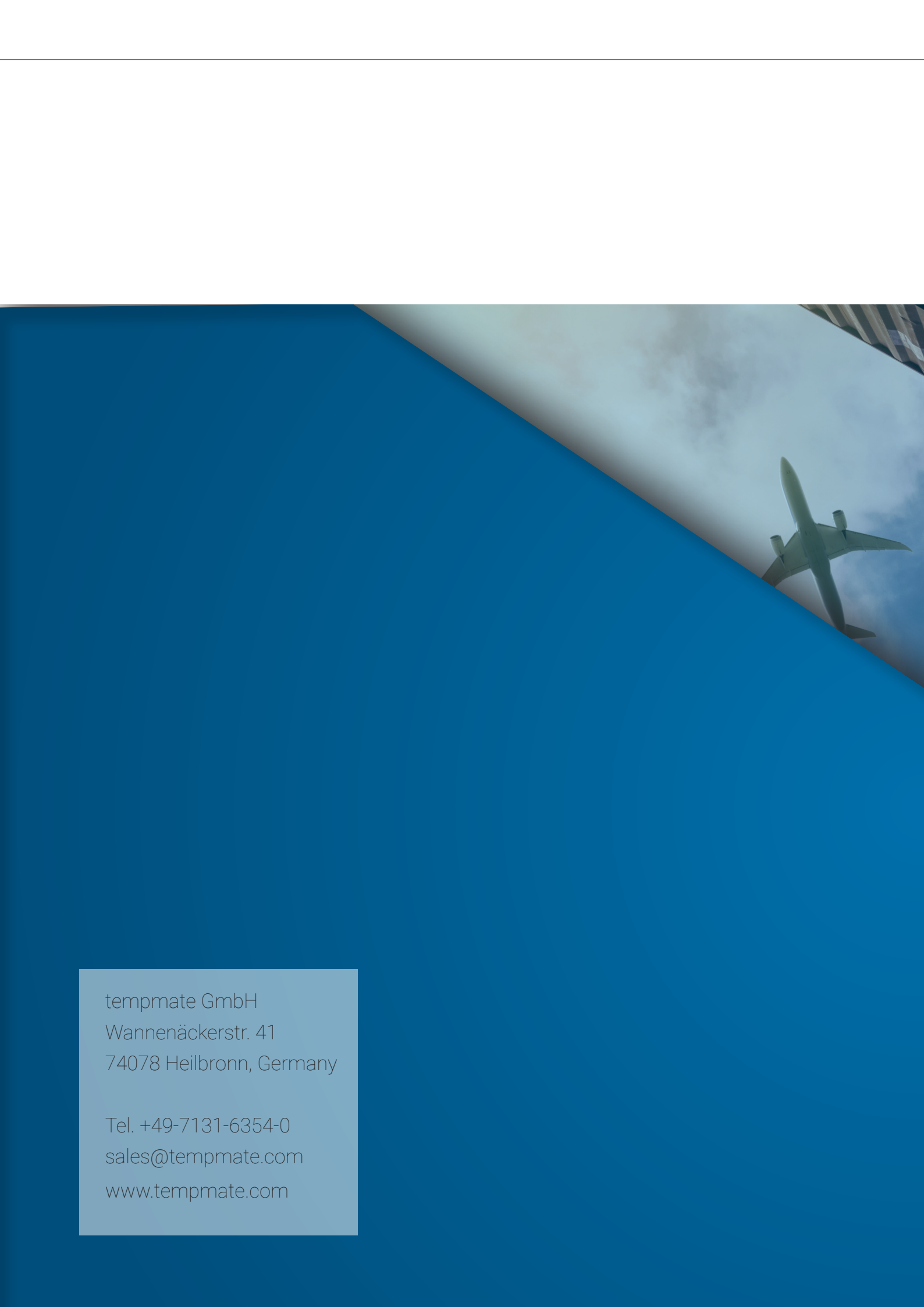
CONTACT INFORMATION

Do you have any questions? Please contact us - our experienced team will be happy to support you.

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