

TouchCare

CGM System (PDM)

Quick Start Guide (mmol/L)



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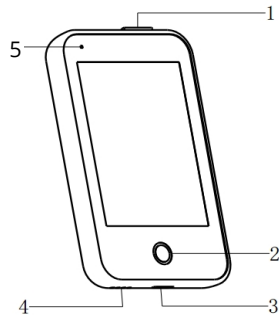
Simplifying Diabetes

Medtrum

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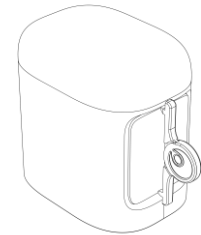
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The Personal Diabetes Manager (PDM)

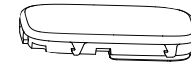


1. Power button
2. Home Key (Software Key)
3. Charging Port
4. Sound Hole
5. Indicator light

Glucose Sensor



Transmitter

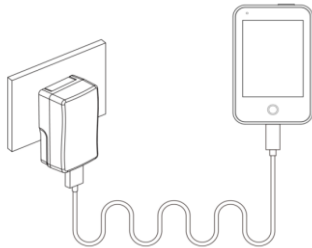







- The Glucose Sensor (MD3658 for 14 days) is inserted under the skin to measure your glucose level in interstitial fluid.
- The Transmitter (MD1158) records Sensor data and sends data to the PDM via Bluetooth Low Energy.
- The Sensor (with Transmitter snapped in) is waterproof at 8 feet (2.5 meters) for 60 minutes (IP28).
- Store the Sensor at temperatures between 2°C (36°F) and 30°C (86°F).
- Store the Transmitter at temperatures between -10°C (14°F) and 55°C (131°F).

Charge PDM & Transmitter

Charge PDM

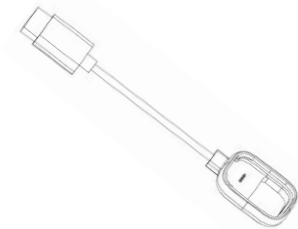
The PDM requires an AC adapter with an output of DC 5.0V



-  Fully charged
-  Charging
-  Not charging
-  Battery low
-  Battery empty

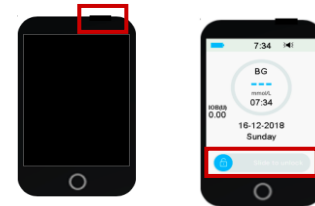
Charge Transmitter

- You can use a Transmitter charging cable (AC009) to charge the Transmitter.
- It is recommended to recharge the Transmitter after each sensor use.
- Do NOT store the Transmitter connected with a Sensor or a USB charging cable. That may kill the transmitter battery.
- The indicator light will flash green when the Transmitter is charging, and turn off when the Transmitter is fully charged



1. Turn on/off the PDM

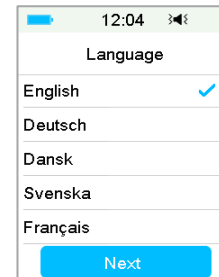
- **Turn-on** - Long-press the power button, a green light will flash.
- **Turn-off** - Long-press the power button for about 2 seconds, then slide to power off. Or long-press the power button for about 8 seconds



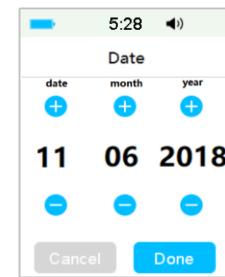
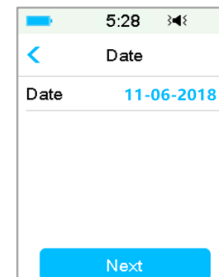
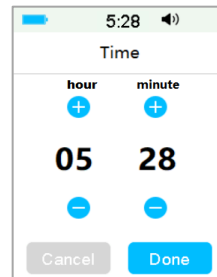
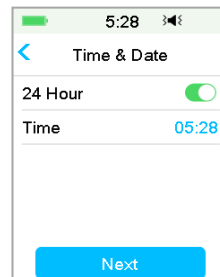
2. Wake the PDM

When the screen goes black, press the power button and then slide to unlock

3. Select language



4. Set time and date

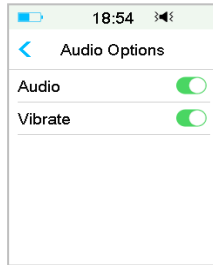


PDM Settings

5. Set audio options

Main Menu → Settings → General → Audio Options

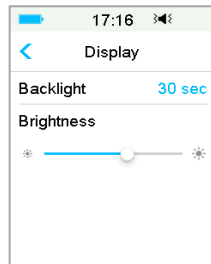
If you set the audio option to **Audio off /Vibrate off**, your PDM only vibrates when a serious alert occurs.



6. Set display settings

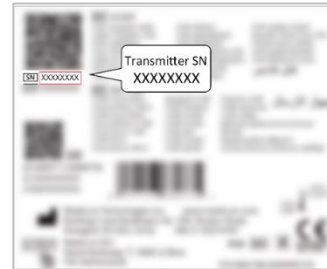
Main Menu → Settings → General → Display

It is recommended for new users to set backlight time as 2 minutes



7. Find Transmitter SN

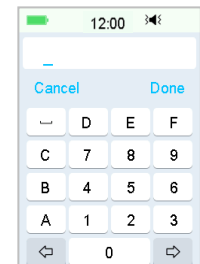
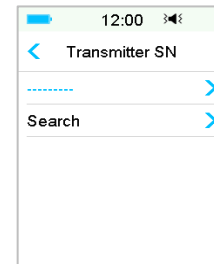
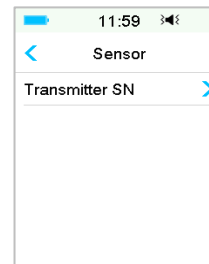
You can find the Transmitter SN on the product box or on the back of the Transmitter.



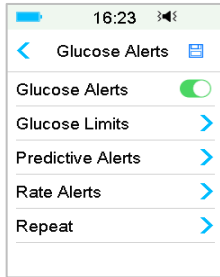
8. Enter Transmitter SN

Main Menu → Sensor → Transmitter SN

Tap ----- to enter SN manually

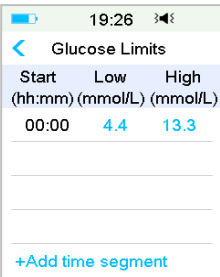


Main Menu → EasyLoop → Glucose Alerts



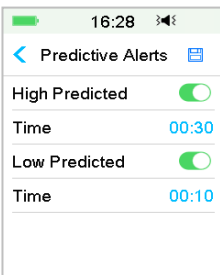
Turn on/off Alert

- Turn on/off the Alert switch
- Tap to save the settings



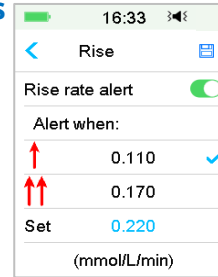
High/Low Limits

- Up to 8 segments for each day
- Tap to save the settings
- Tap +Add Time Segment to add a new segment
- Slide to left on each segment, tap Delete. The start time of next segment will be adjusted
- Slide on segment back to right to cancel deleting



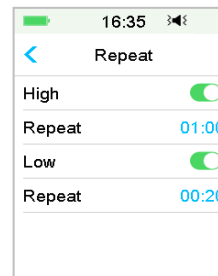
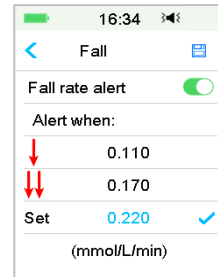
Predictive Alerts

- You will be reminded of a predicted high or low glucose value some time (the predictive alert time) in advance
- Tap to save the settings



Rate Alerts

- Choose or set the alert rate
- Tap to save the settings



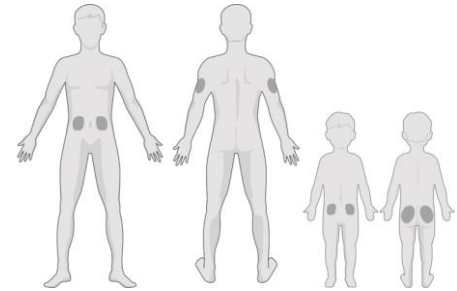
Repeat

- If set, an alert will repeat itself until the condition that caused the alert is resolved

Apply Sensor

1 Select an insertion site

- Clean, less hair, no sweat, uncovered, enough fat (at least 5mm thick), away from insulin infusion site.
- Choose an insertion site on the upper arm, apply the Sensor vertically.
- If you choose an insertion site on your abdomen (buttock for children), apply the Sensor horizontally.



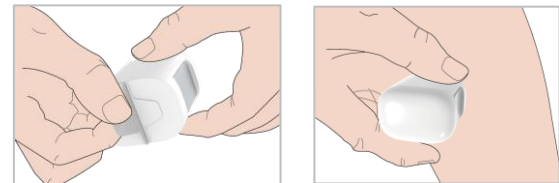
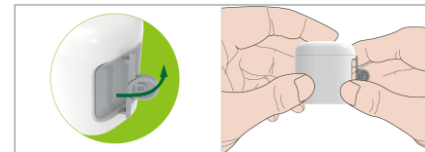
Note: Please pay attention to the location of the Sensor site and Patch site so that there is little communication interruption.

2 Prepare the insertion site

- Wipe the selected insertion area with rubbing alcohol and wait for the area to dry up.
- The Sensor adhesive stays more firmly on dry skin.

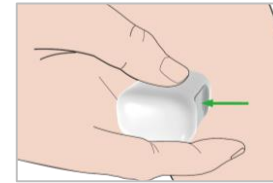
3 Place the Sensor

- Use your thumb and finger to bend off the safe lock by pushing it to the left or right.
- Remove the Protective Liner from the Sensor Support Mount
- Place the Sensor vertically on the upper arm.



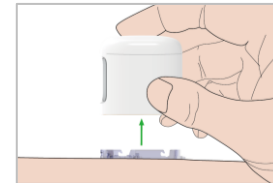
4 Insert Sensor needle

- Hold the inserter as shown on the right and press swiftly the inserter.



5 Remove the Inserter

- Lift the inserter vertically away from the mount.
- Only the Sensor support mount will be left on your body.
- Discard the sensor inserter into a sharp's container or a puncture-proof container with a tight lid.



6 Connect Transmitter

- Keep the transmitter parallel to the sensor support mount, then snap the transmitter into place.
- The indicator light will flash green 3 times first then another 6 times within one minute.



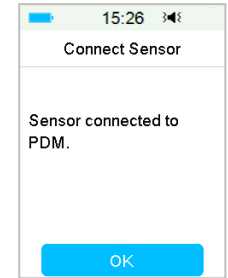
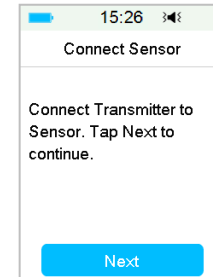
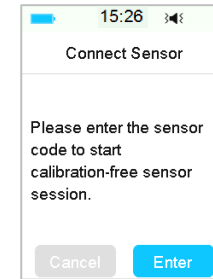
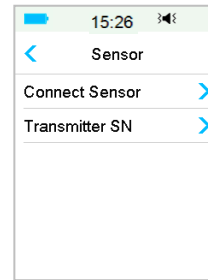
Start Sensor

1. Connect Sensor with PDM

Main Menu → Sensor → Connect Sensor

2. Enter the Sensor code

- If the Factory Calibration is turned on, you can manually enter the 4-digit sensor code on the package of the sensor, then the calibrations aren't required.
- If the sensor code is not entered, the sensor need to be calibrated twice on the first day.

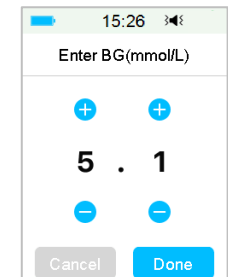
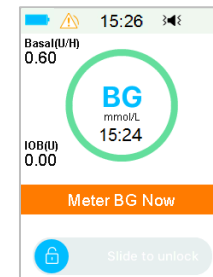
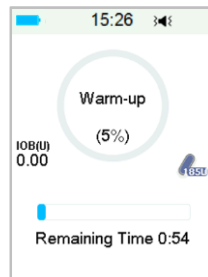


3. Sensor Warm-up

- When connected, the Sensor will go through a warm-up period for 1 hour.

4. Calibrate the Sensor

Main Menu → Sensor → Sensor Calibration

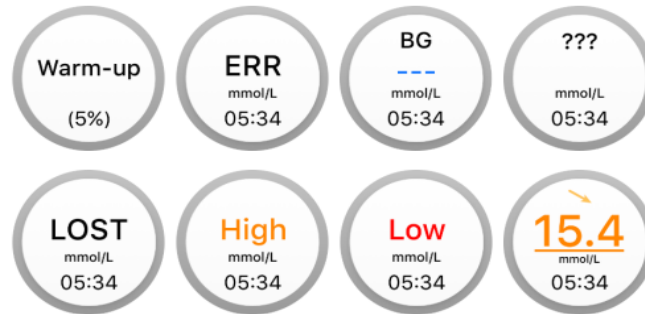


Home Screen



1. Trend Arrow
2. The last sensor reading or status
3. Time of the last Sensor reading
4. The measuring scope
5. High Limits of glucose reading
6. Low Limits of glucose reading
7. CGM Curve
8. Last glucose point
9. The time scope

Special Conditions

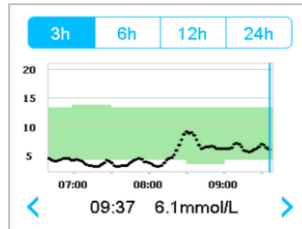


- **Warm-Up** - The Sensor is warming up.
- **ERR** - The Sensor shall be recalibrated after 15 minutes.
- **BG** - The Sensor shall be calibrated now.
- **???** - No readings. Do not remove the Sensor until you get "Sensor Failure" Alert.
- **LOST** - Sensor signal has been lost for more than 10 minutes. Wait for a while.
- **HIGH** - Sensor glucose is above 22.2 mmol/L (400mg/dL).
- **LOW** - Sensor glucose is below 2.2 mmol/L (40mg/dL).
- **Underlined reading** - Calibration overdue. A new meter BG is needed for calibration .

Read CGM

Landscape View

Long press the Sensor Trend Graph on Home Screen to enter landscape view



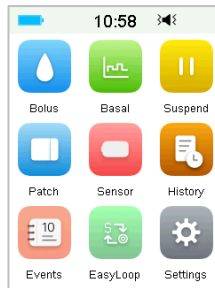
10:16	Status
Delivery/Today	
Bolus	
Basal	
Other Status Info	
Device Info	

Sensor Status

Slide on the Home Screen from left to right to go to status screen

Main Menu

Slide on the Home Screen from right to left to go to main menu



13:36	History
Pump History	>
Sensor History	>
PDM History	>
Event History	>
BG History	>
Summary History	>

History

Main Menu → History

Alert



PDM Message	Actions to Take
CHARGE TRANSMITTER	Charge Transmitter.
TRANSMITTER ERROR	Call customer support.
NO READINGS	Change Sensor if it is not properly inserted. Otherwise, wait until the reading recovers.
SENSOR EXPIRED	Change Sensor.
SENSOR FAILURE	Change Sensor.
METER BG NOW	Enter new meter BG for calibration or tap OK to clear the alert.
SENSOR CAL ERROR	Enter meter BG after 15 minutes.
LOW GLUCOSE	Check blood glucose and treat it as necessary. Continue to monitor blood glucose.
LOW PREDICTED	Check blood glucose and treat it as necessary. Continue to monitor blood glucose.
RAPID FALL	Monitor trend and glucose level. Follow instructions from your healthcare provider.
BELOW 3.1 mmol/L	Check blood glucose and treat it as necessary. Continue to monitor blood glucose.
SENSOR EXP IN 6 HOURS	Change Sensor in 6 hours.

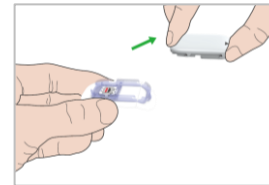
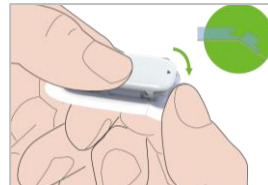
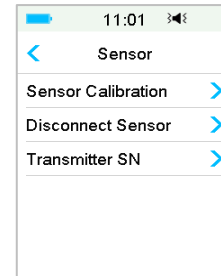
Disconnect Sensor

- If the Sensor Expiration alerts are on, each Sensor session will end automatically after 14 days. After that, you can remove the Sensor from body.
- If you want to remove a Sensor before its expiration, you must disconnect it from your PDM first.

Remove the Sensor

- If the Sensor Expiration alerts are on, each sensor session will end automatically after 14 days. After that, you can remove the sensor from your body.
- Fold and break the sensor support mount, and gently pull the Transmitter away from the sensor support mount.
- Remember to keep the reusable Transmitter.
- Make sure the Transmitter was disconnected from the old Sensor over 90 seconds before it is connected to a new one.

Main Menu → Sensor → Disconnect Sensor



Your Personal CGM Settings

Glucose Alerts

ON OFF

Glucose Limits (mmol/L)

Start Time	Low Limit	High Limit
:		
:		
:		
:		
:		
:		
:		
:		
:		

Predictive Alerts

Type	Status / Time
High	<input type="checkbox"/> ON _____ <input type="checkbox"/> OFF
Low	<input type="checkbox"/> ON _____ <input type="checkbox"/> OFF

Rate Alerts (mmol/L/min)

Type	Status / Rate
Rise	<input type="checkbox"/> ON _____ <input type="checkbox"/> OFF
Fall	<input type="checkbox"/> ON _____ <input type="checkbox"/> OFF

Repeat/Snooze

High	/
Low	/
Others	/

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This product complies with Directive
93/42/EEC (MDD) and Directive
2014/53/EU (RED).

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