







This Quick Reference Sheet will teach you how to turn Control-IQ technology on. Flip to the back to learn how Control-IQ technology adjusts insulin delivery.



From the Home screen, tap **OPTIONS**.

Note: These instructions are provided as a reference tool for pump users and caregivers who are already familiar with the use of an insulin pump and with insulin therapy in general. Not all screens are shown. For more detailed information on the operation of the t:slim X2 pump, please refer to its user guide.



Tap My Pump.



Tap Control-IQ.



Pump Tip: Existing users can tap Options, the down arrow, History, Pump History, Delivery Summary, and then 14 Day Average to find their average Total Insulin.



Toggle Control-IQ on.

► Note: User must have an active Personal Profile with CARBS turned on and an active CGM* session to turn Control-IQ technology on.



Enter the user's weight and average daily insulin use.

Note: Total Daily Insulin should be an estimate of the total basal and bolus insulin the user requires in a 24-hour period.



Tap to save the settings.



Control-IQ technology is on.

Explanation of Icons



Insulin Adjustments	A	B
Delivers basal rate from Personal Profile	В	♦
Increases basal insulin delivery	В	♦
Delivers an automatic correction bolus†		♦
Decreases basal insulin delivery	В	♦
Stops basal insulin delivery	0	\$
Activity States		©
Sleep Activity enabled		2222
Exercise Activity enabled		₹.

[†] If glucose values are predicted to be above 10.0 mmol/L, Control-IQ technology calculates a correction bolus using the Personal Profile settings and a target of 6.1 mmol/L and delivers 60% of that value. An Automatic Correction Bolus will not occur within 60 minutes of a bolus that has been delivered or cancelled.



Activity Settings

Control-IQ technology features two optional settings that adjust treatment ranges for more targeted control.



When the Sleep Activity is enabled, the system narrows and lowers the range of treatment values to 6.25-6.7 mmol/L.



When the Exercise Activity is enabled, a tighter and higher range of treatment values from 7.8-8.9 mmol/L is used.

Responsible Use of Control-IQ Technology

Control-IQ technology does not prevent all high and low blood glucose events, and is not a substitute for meal boluses and active self-management of your diabetes. Control-IQ technology will not be able to predict sensor glucose values and adjust insulin dosing if your CGM is not working properly or is unable to communicate with your pump. Always pay attention to your symptoms and blood glucose levels and treat accordingly. Please visit tandemdiabetes.com/tslimX2-use for more information.

How it Works

The t:slim X2 insulin pump with Control-IQ technology uses continuous glucose monitoring (CGM) values to predict glucose levels 30 minutes ahead and automatically adjust insulin every 5 minutes.



This powerful algorithm can decrease or stop basal insulin delivery to help prevent lows. It can also increase insulin delivery and deliver automatic correction boluses[†] () to help avoid highs.



Pump Tip: Automatic correction boluses† will not be delivered while Sleep is enabled but can be delivered once per hour when the Exercise Activity is enabled.

* CGM sold separately.

Important Safety Information: The t:slim X2 insulin pump with Control-IQ technology (the System) consists of the t:slim X2 insulin pump, which contains Control-IQ technology, and a compatible continuous glucose monitor (CGM, sold separately). The t:slim X2 insulin pump is intended for the subcutaneous delivery of insulin, at set and variable rates, for the management of diabetes mellitus in people requiring insulin. The t:slim X2 insulin pump can be used solely for continuous insulin delivery and as part of the System. When used with a compatible CGM, the System can be used to automatically increase, decrease, and suspend delivery of basal insulin based on CGM sensor readings and predicted glucose values. The System can also deliver correction boluses when the glucose value is predicted to exceed a predefined threshold. The pump and the System are indicated for use in individuals six years of age and greater. The pump and the System are intended for single user use. The pump and the System are indicated for use with U-100 insulin only.

WARNING: Control-IQ technology should not be used by anyone under the age of six years old. It should also not be used in users who require less than 10 units of insulin per day or who weigh less than 25 kilograms.

The System is not indicated for use in pregnant women, people on dialysis, or critically ill users. Do not use the System if using hydroxyurea. Users of the pump and the System must: be willing and able to use the insulin pump, CGM, and all other system components in accordance with their respective instructions for use; test blood glucose levels as recommended by their healthcare provider; demonstrate adequate carb-counting skills; maintain sufficient diabetes self-care skills; see healthcare provider(s) regularly; and have adequate vision and/or hearing to recognize all functions of the pump, including alerts, alarms, and reminders. The t:slim X2 pump and the CGM transmitter and sensor must be removed before MRI, CT, or diathermy treatment. Visit tandemdiabetes.com/safetyinfo for additional important safety information.

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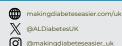
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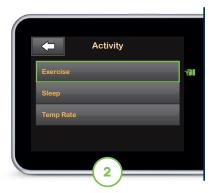


Users can program their t:slim X2 insulin pump to automatically switch off the Exercise Activity by setting a custom duration with the Exercise timer.



From the Home screen, tap **OPTIONS** and then **Activity**.

Note: These instructions are provided as a reference tool for pump users and caregivers who are already familiar with the use of an insulin pump and with insulin therapy in general. Not all screens are shown. For more detailed information on the operation of the t:slim X2 pump, please refer to its user guide.



Tap Exercise.

Note: Activities may not be enabled at the same time. If programmed, Sleep Schedule(s) will automatically start once Exercise is disabled.



Tap Set a Timer.

Note: If the user does not program a timer, the Exercise Activity must be manually turned off.



Pump Tip: The default value for the Exercise timer duration is 30 minutes, or the pump will display the value from the last time Duration was set by the user.



Tap **Duration** to edit the timer duration. Otherwise, skip to Step 6 to continue.



Use the keypad to enter the desired time.

Tap
to continue.

Note: The timer duration can be set from 30 minutes to 8 hours.



Tap **START** to turn on the Exercise Activity.

The EXERCISE STARTED screen will appear.



Exercise is now enabled and displays on the Home screen.

Note: The Exercise Activity will automatically be disabled once the set timer duration ends.



In addition to setting an Exercise Timer, the Exercise Activity can also be manually turned on and off from the t:slim X2 insulin pump.

Flip to the back to learn how the Exercise Activity adjusts insulin delivery when enabled.



From the Home screen, tap **OPTIONS** and then **Activity**. Tap **Exercise**.



Tap **START** to manually turn on the Exercise Activity.



Exercise is now enabled.

Note: To disable the Exercise Activity, tap anywhere on the Exercise button from the Activity screen.

How it Works

The t:slim X2 insulin pump with Control-IQ technology uses continuous glucose monitoring (CGM)* values to predict glucose levels 30 minutes ahead and automatically adjust insulin every 5 minutes. 17:30

14 Nov

235 u

22

6.2

18

14

14

10

3

HRS

INSULIN ON BOARD

1.1 u

DOPTIONS

BOLUS

When the Exercise Activity is enabled, a tighter range of treatment values from

7.8-8.9 mmol/L is used when determining whether to decrease or increase basal insulin delivery and a predicted value of 4.4 mmol/L is used when determining whether to stop basal insulin delivery.

* CGM sold separately.

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WARNING: Control-IQ technology should not be used by anyone under the age of six years old. It should also not be used in users who require less than 10 units of insulin per day or who weigh less than 25 kilograms.

The System is not indicated for use in pregnant women, people on dialysis, or critically ill users. Do not use the System if using hydroxyurea. Users of the pump and the System must: be willing and able to use the insulin pump, CGM, and all other system components in accordance with their respective instructions for use; test blood glucose levels as recommended by their healthcare provider; demonstrate adequate carb-counting skills; maintain sufficient diabetes self-care skills; see healthcare provider(s) regularly; and have adequate vision and/or hearing to recognize all functions of the pump, including alerts, alarms, and reminders. The t:slim X2 pump and the CGM transmitter and sensor must be removed before MRI, CT, or diathermy treatment. Visit tandemdiabetes.com/safetyinfo for additional important safety information.

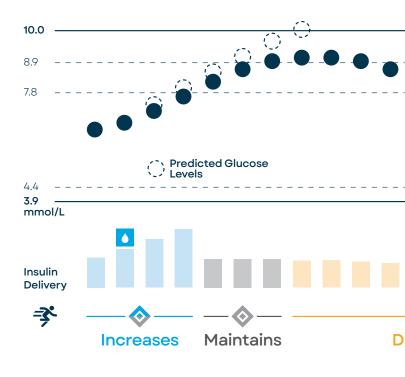
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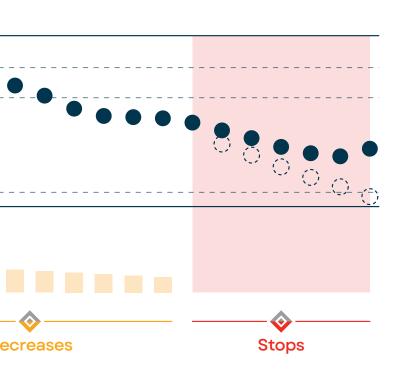




Configuration Settings

- Control-IQ technology must be on and CGM session must be active on the t:slim X2 insulin pump to start the Exercise Activity
- Exercise will automatically be disabled if the Sleep Activity is enabled manually. Any enabled Sleep Schedules will not start until the Exercise Activity ends.
- Automatic correction boluses () will be delivered up to once per hour while the Exercise Activity is enabled[†]

[†] If glucose values are predicted to be above 10.0 mmol/L, Control-IQ technology calculates a correction bolus using the Personal Profile settings and a target of 6.1 mmol/L and delivers 60% of that value. An Automatic Correction Bolus will not occur within 60 minutes of a bolus that has been delivered or cancelled.



Responsible Use of Control-IQ Technology

Control-IQ technology does not prevent all high and low blood glucose events, and is not a substitute for meal boluses and active self-management of your diabetes. Control-IQ technology will not be able to predict sensor glucose values and adjust insulin dosing if your CGM is not working properly or is unable to communicate with your pump. Always pay attention to your symptoms and blood glucose levels and treat accordingly. Please visit tandemdiabetes.com/tslimX2-use for more information.



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Users can program
their t:slim X2
insulin pump to
automatically switch
into the Sleep Activity.
Two Sleep Schedules
can be used.



From the Home screen, tap **OPTIONS** and then **Activity**.

Note: These instructions are provided as a reference tool for pump users and caregivers who are already familiar with the use of an insulin pump and with insulin therapy in general. Not all screens are shown. For more detailed information on the operation of the t:slim X2 pump, please refer to its user guide.



Tap Sleep.

Note: Activities may not be enabled at the same time. If programmed, Sleep Schedule(s) will automatically start once Exercise is disabled.



Tap **Sleep Schedules** and then tap a Sleep Schedule.

Note: If the user does not program Sleep Schedules, the Sleep Activity must be manually turned on and off.



Pump Tip: Control-IQ technology must be on and continuous glucose monitoring (CGM)* session must be active on the pump to start the Sleep Activity.



Tap **Selected Days** and then tap each day of the week the user wants Sleep scheduled.

Tap to continue.



Tap **Start Time** and then tap **Time**. Use the keypad to enter the desired time.

Tap to continue and then tap again.



Repeat the same process to configure the **End Time.**

Note: These times should reflect the time the user generally goes to sleep and wakes up.



Tap to save the settings.

The SETTING SAVED screen will appear to confirm.



In addition to creating Sleep Schedules, the Sleep Activity can also be manually turned on and off from the t:slim X2 insulin pump.

Flip to the back to learn how the Sleep Activity adjusts insulin delivery when enabled.



From the Home screen, tap **OPTIONS** and then **Activity**. Tap **Sleep**.

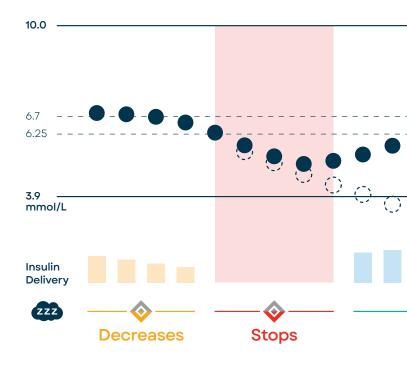


Tap **START** to manually turn on the Sleep Activity.

► Note: To disable the Sleep Activity, tap anywhere on the Sleep button from the Activity screen.



Sleep is now enabled.

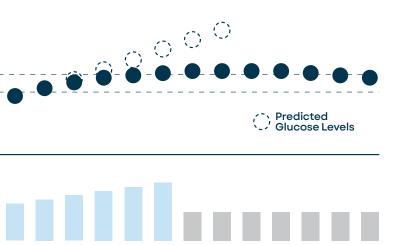


Configuration Settings

- To ensure that both Sleep Schedules can be saved and enabled at the same time, the two schedules cannot overlap. One or both Sleep Schedules may be disabled at any time.
- If you manually start the Sleep Activity before a Sleep Schedule begins, it does not impact the scheduled wake time
- Automatic correction boluses will not be delivered while the Sleep Activity is enabled



Pump Tip: On the Sleep Schedule screen, the default for Selected Days is always the current day of the week according to the insulin pump.



Responsible Use of Control-IQ Technology

Increases

Control-IQ technology does not prevent all high and low blood glucose events, and is not a substitute for meal boluses and active self-management of your diabetes. Control-IQ technology will not be able to predict sensor glucose values and adjust insulin dosing if your CGM is not working properly or is unable to communicate with your pump. Always pay attention to your symptoms and blood glucose levels and treat accordingly. Please visit tandemdiabetes.com/tslimX2-use for more information.

Maintains

How it Works

The t:slim X2 insulin pump with Control-IQ technology uses CGM values to predict glucose levels 30 minutes ahead and automatically adjust insulin every 5 minutes.



When the Sleep Activity is enabled, the algorithm narrows and lowers the range of treatment values to 6.25-6.7 mmol/L when determining whether to decrease, stop, or increase basal insulin delivery.

* CGM sold separately.

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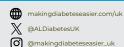
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T:SLIM X2 INSULIN PUMP WITH DEXCOM G7 CGM

Stop Sensor Session







These instructions will show users how they can manually stop a Dexcom G7 sensor session.* **See inside** to learn how the pump can also automatically stop a sensor session.



From the Home screen, tap **OPTIONS**.

Note: These instructions are provided as a reference tool for pump users and caregivers who are already familiar with the use of an insulin pump and with insulin therapy in general. Not all screens are shown. For more detailed information on the operation of the t:slim X2 pump, please refer to its user guide.



Tap the down arrow and then tap **My CGM**.



Tap STOP G7 SENSOR.

■ Note: If the sensor session ends early, the user cannot start the session again with that same sensor. A new sensor must be used.



Pump Tip: Once the sensor session has ended, sensor glucose alerts and alarms will no longer be received and any Control-IQ technology will become inactive.



Tap to confirm that the user wants to stop their current sensor session.



Tap to acknowledge the session cannot be restarted.

The SENSOR STOPPED screen will appear to confirm.



The Home screen will appear with the Replace Sensor icon in the place where the sensor glucose value is shown.



The user must remove the sensor and insert a new sensor. New sensor glucose readings will not show on the Home screen until a new sensor session starts.

Automatic Sensor Shut-Off

The Dexcom G7 continuous glucose monitoring (CGM) sensor is indicated to be worn for up to 10 days, plus an additional 12-hour grace period.

The Sensor Expiring Soon screen will appear on the pump to let the user know how much time is left until their sensor session is complete. The user has the option to manually stop the sensor session before it expires or let the sensor automatically shut off.

Note: During the 12-hour grace period, the pump will continue to receive sensor glucose readings and allow use of predictive technologies.





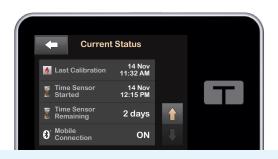
After the sensor has expired, a 12-hour grace period will begin with additional reminders.



Once the 12-hour grace period is over, the Replace Sensor screen will appear.

Sensor Time Remaining

Any time during the sensor session, users can find out when the sensor session was started and how much time is remaining. Tap the insulin level symbol on the Home screen and then tap the down arrow twice.



*CGM sold separately.

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T:SLIM X2 INSULIN PUMP WITH DEXCOM G7 CGM

Start Sensor Session







These instructions are specific to Dexcom G7. For information on starting a Dexcom G6 sensor session, please refer to the user guide.*



From the Home screen, tap **OPTIONS**.

Note: These instructions are provided as a reference tool for pump users and caregivers who are already familiar with the use of an insulin pump and with insulin therapy in general. Not all screens are shown. For more detailed information on the operation of the t:slim X2 pump, please refer to its user guide.



Tap the down arrow and then tap **My CGM**.



If this is the first time using a Dexcom G7 sensor, tap **Select Sensor** and then tap **Dexcom G7.** Otherwise, skip to Step 4.



Tap **START G7 SENSOR.**

Note: To prevent sensor failures, do not start a new sensor session in both the Dexcom app and t:slim X2 insulin pump. The Dexcom app will automatically pick up the signal.



If the user is continuing with an active sensor session after a pump reset or software update, tap and then skip to Step 7. Otherwise, go to Step 5 to continue.



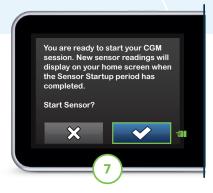
Enter the code found on the side of the sensor applicator and tap to continue.

Note: Make sure the pump and continuous glucose monitoring (CGM) sensor are within 20 feet of each other without obstruction.



Tap **ENTER CODE AGAIN** to verify the pairing code and then tap to continue.

▶ Note: If valid, a CODE CONFIRMED screen will appear to confirm. If invalid, the pump will prompt you to enter the code again.



Tap to start the sensor session startup period.

The SENSOR STARTED screen will appear to confirm.



The pump will return to the Home screen with a CGM trend graph and sensor startup countdown symbol.

▶ Note: If continuing an active sensor session, the startup period will take five to 10 minutes. For a new session, it may take up to 30 minutes.



The symbol fills in over time to show how much time is left.

Note: During this startup period, the pump will not display sensor data or allow use of predictive technology. Users should continue to use a blood glucose (BG) meter and test strips in order to make treatment decisions.



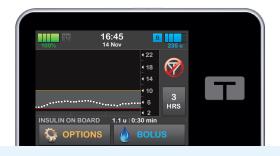
After the startup period, the new active sensor session will begin.

▶ Note: If you see a Sensor Not Started alert, contact Dexcom support. If glucose alerts and readings do not match symptoms or expectations, use a BG meter to make diabetes treatment decisions.

Connection Tips

If the Out of Range icon is on the insulin pump screen (pictured below), then the sensor is not communicating with the pump. When a sensor glucose reading cannot be provided, "- - -" shows in the place where the sensor glucose value is normally shown.

- For ideal connectivity, it is suggested that the user faces the pump screen out and away from their body and wear the pump on the same side of the body that they wear the sensor
- Make sure that nothing is rubbing or obstructing the sensor
- Please note that wireless communication does not work well through water so the transmission range is lower



* CGM sold separately.

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