



Medtronic 780G System With Simplera Sync Sensor Owner's Manual

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Medtronic 780G System With Simplera Sync Sensor



Product Information

Specifications

- Product Name: MiniMed™ 780G system with Simplera Sync™ sensor
- Software Update Method: Managed via the MiniMed™ Mobile app
- Compatibility: Sensor compatibility supports Guardian™ 4 Sensor and Simplera Sync™ sensor
- Auto Correction Increment: New default is 0.025U
- Connection Range: Keep phone and pump within 3 meters (10 feet) of each other

Product Usage Instructions

Software Update Process

- Ensure phone is fully charged and pump battery icon is on green
- Upload existing pump data to CareLink™ Personal account before update
- Access the MiniMed™ Mobile app to complete the update
- Pair pump and mobile app
- Maintain a stable Wi-Fi connection
- Follow in-app instructions for the update process
- Duration: 45-90 minutes*

Post-Install Instructions

- Disconnect from the pump temporarily
- Check insulin delivery has resumed after reconnecting to pump
- Verify settings are correctly transferred over
- Re-enter SmartGuard™ feature after 5-hour warm-up period
- Activate the Suspend Before Low feature if not previously set
- Duration: 10-20 minutes*

User Interface & Screen Updates

- Check for sensor update alerts on the device interface
- New auto-correction increment is 0.025U

Frequently Asked Questions

- **Q:** How long does the software update process take?
 - **A:** The software update process typically takes between 45 to 90 minutes, depending on internet speed.
- **Q:** What should I do if there is a disruption in insulin delivery post-install?
 - **A:** If there is a disruption in insulin delivery post-install, disconnect from the pump temporarily, ensure insulin delivery has resumed after reconnecting, and verify that settings are correctly transferred over.
- **Q:** How do I activate the SmartGuard™ feature after the software update?
 - **A:** After the software update, re-enter the SmartGuard™ feature when prompted to enter blood glucose levels. It is also recommended to activate the Suspend Before Low feature if not previously set.

What's new?

MiniMed™ 780G system with Simplera Sync™ sensor

Agenda

Stay informed with these updates to ensure the best care for device users



MiniMed™ 780G system software update



Device user interface & screen updates



Simplera Sync™ sensor and inserter

MiniMed™ 780G system software update

New features and benefits



Access latest technology without switching pumps



Settings and personalised algorithm memory maintained throughout update process



Updates managed via the MiniMed™ Mobile app

Important information for the software update



Device user to set aside 2-3 hours for software update



Ensure phone is fully charged and pump battery icon is on green



Before the software update it is recommended that the device user uploads the existing pump data to their CareLink™ Personal account



Keep phone and pump within 3 meters (10 feet) of each other



Device user must access the MiniMed™ Mobile app to complete the update. Pump and MiniMed™ Mobile app need to be paired



Device user to record/write down the current pump settings



Stable Wi-Fi connection required



After completion of the software update, there is a 5-hour warmup period before the device user can enter the SmartGuard™ feature

Software update process

Device user experience overview

Pump guides the device user via prompts and checklists

Check for updates

- Device user can use the pump and CGM as usual
- Device user confirms the device has the latest update
- Device user to access the main menu in the MiniMed™ mobile app and tap the 'Update pump' option to start update

Download

Device user can use the pump and CGM as usual

- **In-app instructions**
Device user to follow in-app instructions
- **Regular use of the device**

Device user can use pump and CGM as usual

- **Duration***

45-90 minutes

Install

The device user prompted to disconnect from pump

- **Disconnects from pump**

Temporary disruption in insulin delivery

- **No SG or notifications**

A temporary disruption in data flow in the MiniMed™ Mobile app and CareLink™ Connect app

- **Duration***

10-20 minutes

Post-install

The device user was prompted to reconnect to pump

- **Reconnect to pump**

Check insulin delivery has resumed

- **Verify settings**

Ensure settings are correctly transferred over

- **5-hour warm-up**

Re-enter the SmartGuard™ feature when prompted to enter BG

- **Activate safety**

If not previously set, recommended to activate the Suspend Before Low feature

Device user interface & screen updates

System updates



Sensor compatibility supports

Guardian™ 4 Sensor

Simplera Sync™ sensor



Auto correction increment

New default is 0.025U. This is independent of how bolus increment is programmed in the pump

MiniMed™ 780G system

Device user interface/screen updates



- **Sensor update alerts**

- Provide time the sensor update may last – such as ‘can take up to 30 minutes’ or ‘can take up to 90 minutes’

- **Bolus Wizard™ and SmartGuard™ features**

- Allow BG entry

- **Count-down timer displays during sensor warm-up**

- Simplera Sync™ sensor and Guardian™ 4 Sensors: starts at 2 hours; counts down to 0 minutes

- **Three options for changing reservoir/set**

- New Reservoir and Set
- New Reservoir Only
- New Set Only

- **Set change reminders range**

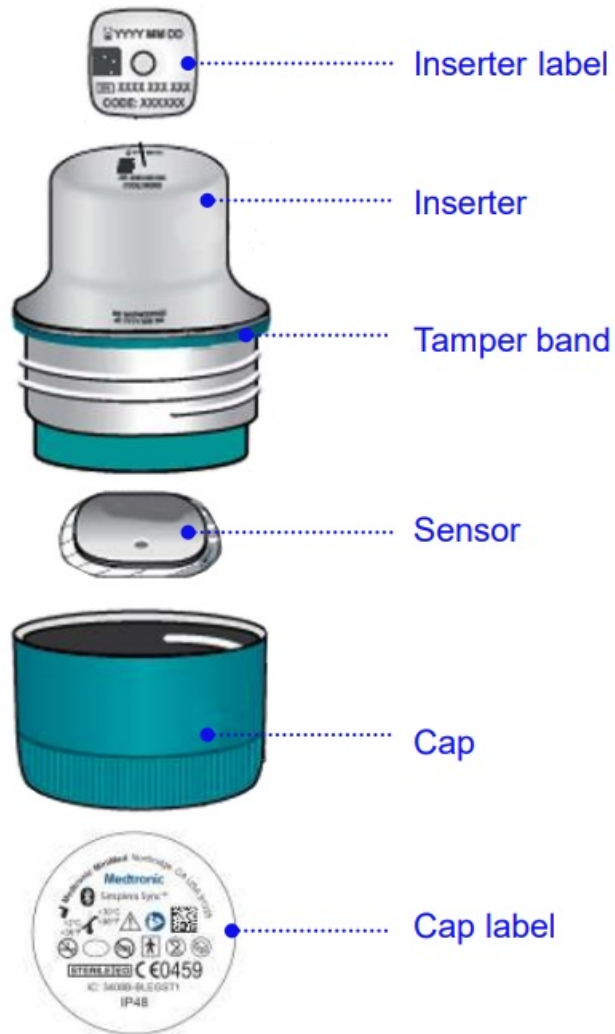
- 2-7 days

- **New Simplera Sync™ sensor pairing process**

- After insertion, the pump requires a “CODE” for pairing

Simplera Sync™ sensor and inserter

Components



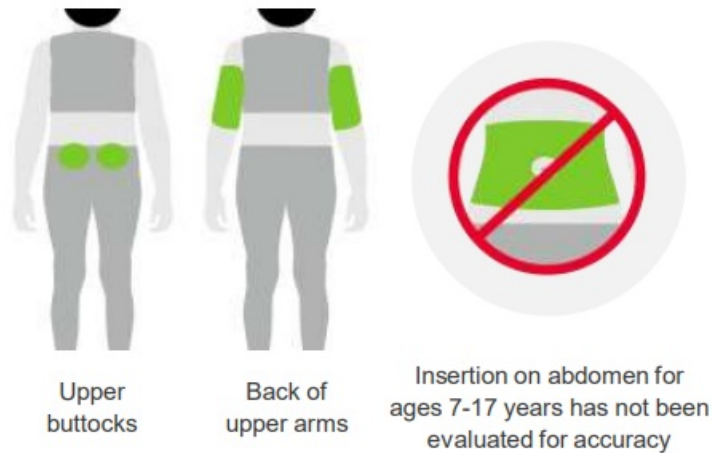
The Simple Sync™ sensor is an all-in-one glucose sensor and transmitter

- The inserter provides a sterile barrier and is disposable
- Sensor adheres to skin with an adhesive patch
- Two-step insertion can be inserted one-handed
- Remove cap
- Push inserter against skin
- No over tape required

Simplera Sync™ sensor

Sensor insertion

Ages 7-17



Ages 18 and older



- Related
- A blood glucose (BG) reading is needed when entering the SmartGuard™ feature. If glucose alerts and CGM readings do not match your symptoms, use a BG meter to make diabetes treatment decisions. Refer to System User Guide SmartGuard™ feature. Some device user interaction

Simplera Sync™ sensor insertion

Tips to manage bleeding

Bleeding may occur at the insertion site and is not unusual.

Here are 3 tips to help you manage bleeding:



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1. If bleeding persists, apply steady pressure with a sterile gauze pad or clean cloth on top of the sensor for up to 3 minutes.
2. If bleeding continues after 3 minutes and is significantly visible, or there is excessive pain or discomfort, then remove the sensor and continue to apply steady pressure until bleeding stops. Discard sensor and insert a new Simplera Sync™ sensor in a different spot.
3. Check the site for redness, bleeding, irritation, pain, tenderness, or inflammation. If you notice any of these, contact a healthcare professional.

Simplera Sync™ sensor

Sensor insertion



• Key sensor precautions

- Only use if cap label is undamaged and the tamper band is intact.
- For data security, it only accepts recognised radio frequency (RF) signals.



• Important considerations

- Magnetic field exposure: avoid MRI, diathermy, and radiation-emitting devices.

- Air travel: use alternative screening to X-rays and full-body scanners.
- Skincare product contact: avoid getting product on the sensor; clean the sensor immediately if contacted.



• **Medication alerts**

- Acetaminophen interaction: stop medication usage before using sensor glucose values to make treatment decisions; use BG meter readings to confirm glucose levels; program temp target for up to 8 hours, or the duration recommended by HCP.
- Hydroxyurea caution: don't use CGM with hydroxyurea.



• **Sensor life of use**


- The sensor is single-use only and has a maximum life of 170 hours (7 days + 2-hour sensor warm-up).
- All sensor warm-up periods will be 2 hours.

Disclaimer

MiniMed™ 780G system

- This material does not replace or supersede the instructions for use.
- It should not be considered the exclusive source of information and should be used in conjunction with the User Guide.
- See the User Guide for detailed information regarding the instructions for use, indications, contraindications, warnings, precautions, and potential adverse events. For further information, contact your local Medtronic representative and/or consult the Medtronic website at [Medtronic.eu](https://www.Medtronic.eu).
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Documents / Resources

	Medtronic 780G System With Simplerla Sync Sensor [pdf] Owner's Manual 780G System With Simplerla Sync Sensor, 780G, System With Simplerla Sync Sensor, Simplerla Sync Sensor, Sync Sensor, Sensor
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References

- [Global Healthcare Technology Leader | Medtronic](#)
- [User Manual](#)

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