

Dexcom G6 Transmitter

Dexcom G6 Transmitter Device User Manual

Your guide to understanding and using the Dexcom G6 Transmitter.

INTRODUCTION TO THE DEXCOM G6 TRANSMITTER

The Dexcom G6 Transmitter is a key component of the Dexcom G6 Continuous Glucose Monitoring (CGM) System. It is designed to send glucose readings wirelessly from the Dexcom G6 sensor to a compatible display device, such as a smartphone or a Dexcom receiver. This manual provides essential information for the safe and effective use of your Dexcom G6 Transmitter.

It is crucial to read and understand all instructions before using the Dexcom G6 Transmitter. If you have any questions or concerns, please contact Dexcom Technical Support or your healthcare professional.

SETUP

Before you begin, ensure you have all components of your Dexcom G6 System: a Dexcom G6 Transmitter, a Dexcom G6 Sensor, and a compatible display device (smartphone with Dexcom G6 app or Dexcom G6 receiver).

1. Transmitter Activation

- 1. Locate the Transmitter Serial Number:** The serial number (SN) is printed on the back of the transmitter. You will need this for pairing.
- 2. Prepare the Sensor:** Follow the instructions provided with your Dexcom G6 Sensor to insert it into your skin.
- 3. Attach the Transmitter:** Once the sensor is inserted, snap the transmitter into the sensor holder. You should hear a click, indicating it is securely attached.
- 4. Initiate Pairing:**
 - **For Smartphone App:** Open the Dexcom G6 app, navigate to the 'Settings' or 'Pair New Transmitter' section, and enter the transmitter serial number when prompted.
 - **For Receiver:** Turn on your Dexcom G6 receiver, go to 'Settings', then 'Transmitter', and select 'Pair New'. Enter the transmitter serial number.
- 5. Wait for Pairing Confirmation:** The system will attempt to pair with the transmitter. This may take a few

minutes. Once paired, the app or receiver will confirm successful connection and begin the 2-hour sensor warm-up period.

Important: *The transmitter is designed for single-patient use and is not reusable after its operational life ends (approximately 3 months).*

OPERATING THE DEXCOM G6 SYSTEM

The Dexcom G6 Transmitter works automatically once paired and attached to a sensor. It continuously sends glucose data to your display device.

1. Glucose Readings

- The transmitter sends a new glucose reading every 5 minutes.
- These readings are displayed on your compatible smartphone app or Dexcom receiver.
- Trends and arrows indicate the direction and rate of glucose change.

2. Alerts and Alarms

The Dexcom G6 System provides customizable alerts for high and low glucose levels, as well as a 'Urgent Low Soon' alert. The transmitter facilitates these alerts by sending data to your display device, which then triggers the audible or vibratory notifications.

- **Urgent Low Soon Alert:** Notifies you when your glucose is predicted to reach 55 mg/dL (3.1 mmol/L) within 20 minutes. This alert cannot be turned off.
- **Low Glucose Alert:** Customizable threshold for low glucose levels.
- **High Glucose Alert:** Customizable threshold for high glucose levels.
- **Signal Loss Alert:** Notifies you if the transmitter loses communication with your display device.

Refer to your Dexcom G6 app or receiver manual for detailed instructions on customizing alerts.

3. Transmitter Battery Life

The Dexcom G6 Transmitter has a fixed battery life of approximately 3 months (90 days) from activation. It is not rechargeable. Your display device will provide notifications as the transmitter approaches the end of its battery life.

MAINTENANCE

The Dexcom G6 Transmitter requires minimal maintenance. Proper care ensures optimal performance and longevity within its specified lifespan.

1. Cleaning

- If the transmitter becomes soiled, gently wipe it with a damp cloth.
- Do not submerge the transmitter in water or use harsh cleaning agents, solvents, or abrasive materials.
- Ensure the transmitter is dry before reattaching it to a new sensor.

2. Storage

- Store unused transmitters in their original packaging in a cool, dry place, away from direct sunlight and extreme temperatures.
- Do not store transmitters in a refrigerator or freezer.

3. Disposal

Once the transmitter battery expires (approximately 3 months after activation), it must be properly disposed of. Do not dispose of the transmitter in household waste. Follow local regulations for electronic waste disposal. Dexcom may offer a return program for used transmitters; check their official website for details.

TROUBLESHOOTING

This section addresses common issues you might encounter with your Dexcom G6 Transmitter.

1. Signal Loss

If your display device shows a 'Signal Loss' alert:

- **Check Proximity:** Ensure your display device is within 20 feet (6 meters) of your transmitter without significant obstructions.
- **Restart Display Device:** Try restarting your smartphone or Dexcom receiver.
- **Check Transmitter Connection:** Verify that the transmitter is securely snapped into the sensor holder.
- **Avoid Interference:** Keep the display device away from other electronic devices that might cause interference.
- **Transmitter Battery:** If the transmitter is near the end of its 3-month lifespan, signal loss may indicate a low battery. Replace the transmitter.

2. Pairing Issues

If you are unable to pair a new transmitter:

- **Verify Serial Number:** Double-check that you have entered the correct transmitter serial number.
- **Bluetooth Settings:** Ensure Bluetooth is enabled on your display device.
- **Forget Device (Smartphone):** If previously paired, try "forgetting" the Dexcom G6 transmitter from your smartphone's Bluetooth settings before attempting to pair again.
- **Restart Devices:** Restart both your display device and, if possible, the transmitter (by temporarily detaching and reattaching it to the sensor, though this is generally not recommended unless instructed by support).

3. Inaccurate Readings

If you suspect inaccurate glucose readings:

- **Perform a Fingertick:** Compare the Dexcom G6 reading with a blood glucose meter reading.
- **Wait:** Sometimes, readings can fluctuate during the first 24 hours of a new sensor session.
- **Hydration:** Dehydration can affect sensor accuracy. Ensure adequate hydration.
- **Sensor Site:** Ensure the sensor is properly adhered and not dislodged.
- **Contact Support:** If discrepancies persist, contact Dexcom Technical Support. Do not calibrate the G6 system unless instructed by a healthcare professional or Dexcom support.

SPECIFICATIONS

Feature	Specification
Model	Dexcom G6 Transmitter
Battery Life	Approximately 3 months (90 days)
Wireless Technology	Bluetooth Low Energy (BLE)
Operating Range	Up to 20 feet (6 meters) line of sight
Water Resistance	Water resistant up to 8 feet (2.4 meters) for 24 hours. Do not submerge longer or deeper.
Operating Temperature	50°F to 104°F (10°C to 40°C)
Storage Temperature	32°F to 86°F (0°C to 30°C)

WARRANTY INFORMATION

The Dexcom G6 Transmitter is covered by a limited warranty. The warranty typically covers defects in materials and workmanship for the duration of the transmitter's expected life (approximately 3 months from activation). For specific terms and conditions, please refer to the warranty card included with your product packaging or visit the official Dexcom website.

Keep your purchase receipt and the transmitter serial number as proof of purchase for warranty claims.

SUPPORT AND CONTACT INFORMATION

For technical assistance, product inquiries, or to report an issue, please contact Dexcom Technical Support.

- **Official Website:** www.dexcom.com
- **Customer Service Phone:** Refer to the Dexcom website or product packaging for the most current contact numbers for your region.
- **Online Resources:** The Dexcom website offers FAQs, user guides, and video tutorials.

Always consult your healthcare professional for medical advice and treatment decisions.