Configuring xDrip+ with Dexcom & Nightscout

xDrip is a powerful Android app developed by the open source community that many Dexcom users prefer over the native Dexcom app. It is also a good option for individuals with Android devices that are incompatible with the native Dexcom app.

Installation of xDrip & configuration with Dexcom

See this link for general information

1. Uninstall or Force close Dexcom (xDrip and the Dexcom app or modified Dexcom app receiving directly from the same transmitter simultaneously is not supported).
2. Ensure phone clock is synced network time (Android Settings ->System -> Date & Time).
3. Ensure Bluetooth is turned on.
4. Ensure Location is turned on.
5. Download xDrip+ from https://bit.ly/2weOmaF (you will see "Nightly build...", scroll down and click on the link "xDrip-plus-2022…...apk" to download, then when prompted allow installation of apps not from the Google Play store
6. Install xDrip+ and accept all the defaults including 5.5 for glucose.
   select G4/5/6 and then G6 if you are using the DexCOM G6.
   Enter your transmitter ID, which is a 6 character (something like 8SFK74) now WAIT WAIT WAIT until xDrip asks to permit pairing (don't initiate Android pairing with Bluetooth):
   After pairing, click "Start sensor" (enter the 4 digit sensor ID). If not prompted to Start sensor, go to Settings: Start Sensor - now wait 120 minutes for warm-up & while waiting or if you encounter any issues do the following (als see Troubleshooting on next page).
7. Confirm that battery optimization of xDrip is disabled in Android Settings: go Android settings -> Apps -> xDrip+ -> Advanced -> Battery (for Samsung go Settings - Apps then tap the top right corner icon - Special Access - Optimize battery usage - ensure xDrip is disabled).
8. Confirm in Android Settings that Location is allowed for xDrip “all the time”: go Android Settings -> App Settings -> xDrip -> Location
9. SETUP Nightscout - Go into xDrip Settings & select Cloud Upload - & follow the next instructions explicitly
10. Select Nightscout Sync (REST-API)
    enable the REST-API, activate “use mobile data”, enable “Send Display Glucose” & “Download data” & enable Automatic Calibration
    Open Base URL & copy & paste the Base API URL exactly as it requires from the text message received from BCDiabetes (from Nightscouts view - click “text API_SECRET”: it should look something like this:
    https://JZM-74038296@10022.cgm.bcdiabetes.ca/api/v1/ ensure that the leading https:// the @ symbol & the final /api/v1/ are present & Click OK
    Open Extra Options
    Check the first three options: Skip LAN uploads, Upload bridge batter & Upload treatments

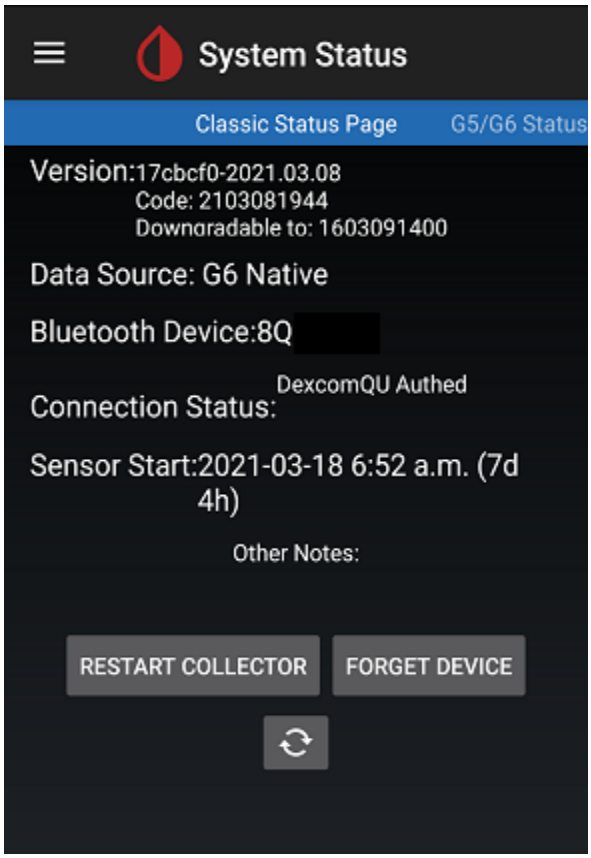
Leave the last three options: Alert on failures, Append source info… & Back-fill data

Troubleshooting:

Check **System Status**

Access the System Status page from the top left menu. There, you can swipe left and right to access two different system status pages, when collecting from a Dexcom transmitter, with headings "Classic Status Page" and "G5/G6 Status".

The Classic Status page shows the xDrip version including date. The G5/G6 Status Page contains important parameters including transmitter ID, time from last connection, firmware version, number of days on the transmitter, and transmitter battery voltages.


System Status
Classic Status Page
G5/G6 Status
Version:17cbcf0-2021.03.08
Code: 2103081944
Downgradable to: 1603091400
Data Source: G6 Native
Bluetooth Device:8Q
Connection Status:
DexcomQU Authed
Sensor Start:2021-03-18 6:52 a.m. (7d 4h)
Other Notes:
RESTART COLLECTOR
FORGET DEVICE

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System Status
Classic Status Page
G5/G6 Status
Uploaders
OB1 G5/G6 Collector and Transmitter Status
Phone Service State : Got needed 10:57
Sensor Status : OK 8.8 days
Sensor Device : 8Q
Bluetooth Link : Connected
Last Connected : 1 minute ago
Brain State : Deep Sleeping
Native Algorithm : Data Received 10:57
Preemptive restarts : Not capable
Firmware Version : 2.27.2.98
Battery Last queried : 26 minutes ago
Transmitter Days : 107
Voltage A : 308
Voltage B : 290

Connectivity

xDrip will not work if there is no proper connectivity. If there is no proper connectivity, you should not start a sensor. Neither should you attempt to perform a hard reset, calibrate, or stop sensor. You need to first solve the connectivity issue. Most likely, your xDrip settings are incorrect. See this link of xdrip settings screenshots for additional Bluetooth troubleshooting.

Short URL = https://bit.ly/33kkWbY