



Patient Care + Research + Clinical Trials

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FreeAPSX (Next Gen) set up guide

See the end for instructions for upgrading from Loop

Credits to Stuart Hertzog

See below **Steps** and **Settings** for FreeAPSX, in order of listing in the app. *If a setting is not mentioned, leave existings Defaults*

Settings

Click *Cog Wheel* (bottom right)

SERVICES

Nightscout

URL - **Your Nightscout URL** (NO / at the end)

Password - **Your API Secret** as the *password*

Connect - Tap → *Connected!*

Allow Uploads - **Enable**

CGM

Type - **Dexcom G6**

Transmitter ID - **Enter current**

Notifications

Your choice, e.g. All turned **Off** set **High** → **10**

CONFIGURATION

Preferences

FREEAPSX

Recommended Insulin Fraction → **2**

OPENAPS MAIN Settings

Insulin Curve - Set to the **type of insulin** you are using

Max IOB - **raise to 10**

DYNAMIC SETTINGS

Dynamic CR - **Enable**

Adjust Basal - **Enable**

OPENAPS SMB SETTINGS

Enable SMB ... options - **Enable All (=5 toggles including “SMB”)**

Enable UAM - **Enable**

Max Delta-BG Threshold SMB → **0.3**

SMB Interval → **1**

Bolus Increment → **0.05 ONLY if using Omnipod**

OPENAPS TARGETS SETTINGS

High Temp Target Raises Sensitivity - **Enable**

Low Temp Target Raises Sensitivity - **Enable**

Sensitivity Raises Target - **Enable**

Resistance Lowers Target - **Enable**

(Now exit to Settings)

Pump settings

Copy from old Loop/FAX (or if coming from MDI or another pump see this [Loop config document](#) for basic pump settings)

Basal Profile

Copy from old Loop/FAX (or if coming from MDI or another pump see this [Loop config document](#) for basic pump settings)

Insulin Sensitivities

Use Autotune value (if Autotune value not showing enable Autotune, see below for default to enable, & then run Autotune to get value, if coming from MDI or another pump see this [Loop config document](#) for basic pump settings).

Carb Ratios

Use Autotune calculated value (or if coming from MDI or another pump see this [Loop config document](#) for basic pump settings)

Target Ranges

Set to whatever range with which you are comfortable

Lower range is the one that matters e.g. 5.5 - 5.5, 24/7

Autotune

Enable

Apple Health

Enable Read and **Write** in iPhone *Apple Health Settings*

Add Pump

To add a pump to a new FreeAPS-X setup, first *Disable OrangeLink/RileyLink* in the old pump setup. Only one pump can be controlled.

Closed Loop

Enable

Upgrading From Loop to FAX-ng

ATTENTION: You must disconnect RileyLink/OrangeLink/EmaLink from Loop **BEFORE** trying to connect a new OmniPod to FAX-ng at a scheduled or other Pod change:

Tap *Replace Pod* **BEFORE** disconnecting your RileyLink

Settings -> OmniPod screen

(Also available from *Pump/Pod icon* in Loop top Header)

Turn RileyLink switch OFF

RileyLink *Green LED* will turn off

Close the Loop App

Swipe Up Loop icon on *Home Screen*

Back in FAX-ng, select *OmniPod* in *Settings -> Pump*

RileyLink should be recognised immediately

Turn RileyLink ON

Fill new OmniPod, attach to body

Start New Pod

Short URL = https://bit.ly/BCD_freeAPSX