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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 TempTarget Raises Sensitivity - **Enable**

Low TempTarget 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