

## How to edit the pump profile settings in the vdf-file

In addition to the already existing instruction STAIR for general time dependant changes there are 3 new ones:

1. STAIR\_BAS to redefine basal rate profile entries
2. STAIR\_CR to redefine carb ratio profile entries
3. STAIR\_ISF to redefine ISF profile entries

This will overwrite any profile changes from automations, but also from user intervention like reduction for exercise.

All 3 of them take just the time field without the date part. This means they can be used for any day and will also work on the phone for longer periods.

Two points to be careful about are:

- the time format is still in UTC time so e.g. 01:00:00 MESZ becomes 23:00:00Z
- the entries have to be sorted in alphanumeric order, i.e. start with 00:00Z up to 23:00Z. I found that rather tricky and I needed to be fully awake while creating it for a test run. Later, I hope to leave that sorting to the software to make life easier.

Here is an example extract for redefining all 3 including the older method for comparison:

```
STAIR      2021-10-26T10:00:00Z    52      ###
STAIR      2021-10-26T11:00:00Z    53      ###
STAIR      2021-10-26T12:00:00Z    55      ###
STAIR      2021-10-26T13:00:00Z    52      ###
STAIR      2021-10-26T14:00:00Z    50      ###
STAIR      2021-10-26T15:00:00Z    57      ###
STAIR      2021-10-26T16:00:00Z    55      ###
STAIR      2021-10-26T17:00:00Z    55      ###
STAIR      2021-10-26T18:00:00Z    53      ###
STAIR      2021-10-26T19:00:00Z    60      ###
STAIR      2021-10-26T20:00:00Z    62      ###
STAIR      2021-10-26T21:00:00Z    60      ###
profile    sens                    STAIR      ###

STAIR_ISF          00:00:00Z    71      ###
STAIR_ISF          01:00:00Z    73      ###
STAIR_ISF          22:00:00Z    66      ###
STAIR_ISF          23:00:00Z    59      ###
profile    sens                    STAIR_ISF    ###

STAIR_CR           02:00:00Z    10.2     ###
STAIR_CR           03:00:00Z    10.3     ###
STAIR_CR           04:00:00Z    10.4     ###
STAIR_CR           05:00:00Z    10.5     ###
profile    carb_ratio              STAIR_CR     ###

STAIR_BAS          06:00:00Z    0.46     ###
STAIR_BAS          07:00:00Z    0.47     ###
STAIR_BAS          08:00:00Z    0.48     ###
STAIR_BAS          09:00:00Z    0.49     ###
profile    current_basal          STAIR_BAS     ###
```

For first applications I strongly recommend to check the log-file echo of which numbers were assigned at what time.

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