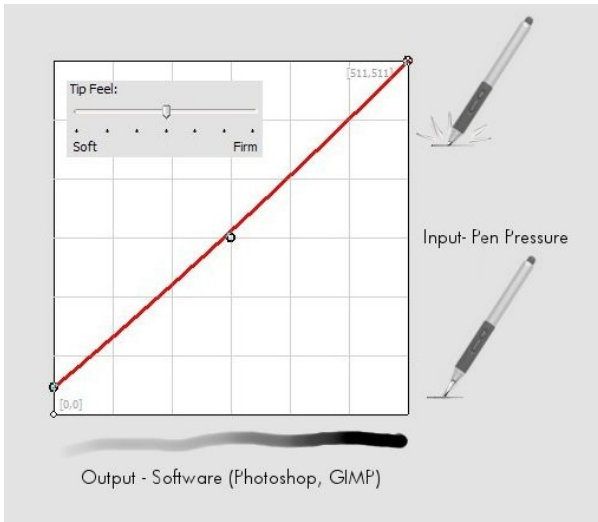


Tablet Pressure Curve Tool

This program is FREEWARE

<http://lab.envirex.cz>

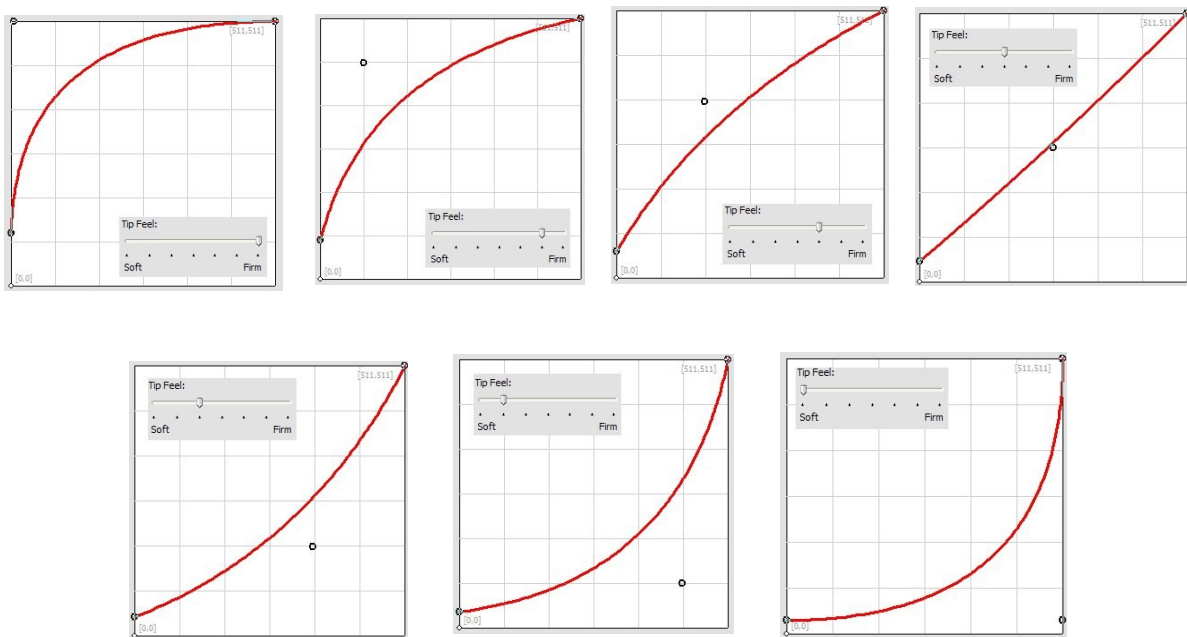
This program is designed to improve experience with **Wacom** tablets. Sometimes you have to press your pen really hard to get maximum opacity. Settings provided by driver are able to change the *sensitivity curve*, but the amount of force required for maximum opacity is left unchanged.



This program helps you to modify all *sensitivity curve* control points. As result it is possible to get maximum output (*opacity*) with e.g. 80% pen pressure (force applied on pen) and still preserve *linear sensitivity*. As result you can hold your pen lighter, protect your pen tip, tablet surface and of course you hand.

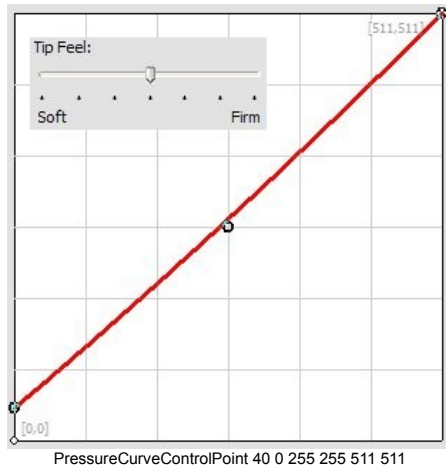
What really the „Tip Feel“ (driver) setting does..

(Graphire4 – driver version 5.1.1-1 – 7/2009)

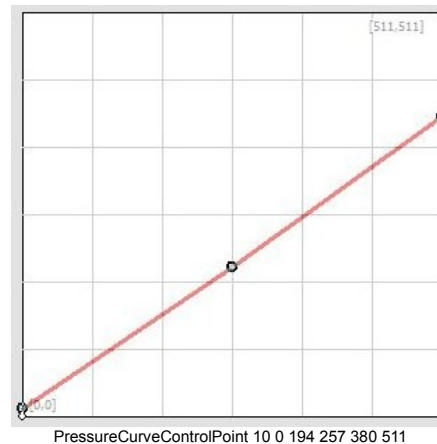


x – Software pressure (Output)
y – Pen pressure (Input)

What this program really does.. (and much more...just try)



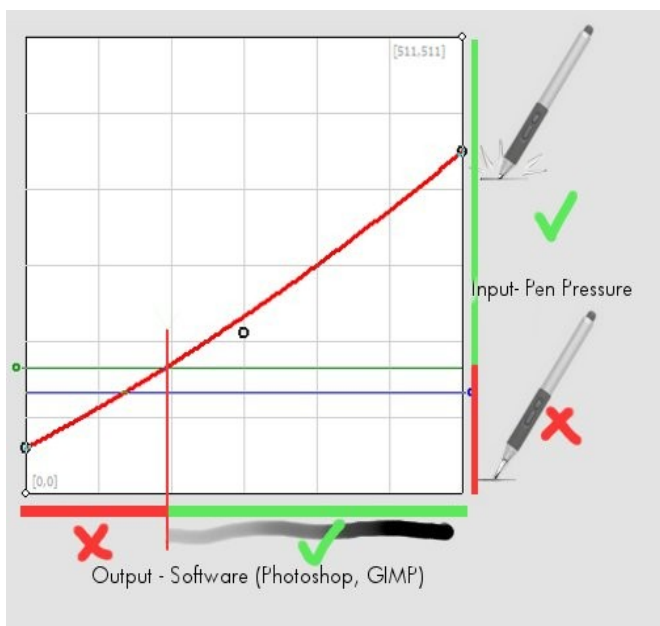
Before



After

x - Software pressure (Output)
y - Pen pressure (Input)

Pressure Threshold Settings



Lower threshold – Probably value that limits the pen sensor input and protect the user from misreads on the lower end of the sensor (pen). *Lower threshold* is set to (*Upper threshold* - (*Maximum pressure* / 128)).

Upper threshold – Value that determines level of pressure required for driver to register pen as mouse with pressed button.

Setting *Pressure threshold* too high can end with no ability to click or drag in windows. Change of these values is required for improving sensitivity of your tablet. (It is pointless to change lower point of pressure curve to almost zero if *lower threshold* is actually cutting all (pressure) values by its value)

Automatic configuration (*Threshold limiter*) should set the best values automatically, but it is possible to change both values manually.

All drivers expecting a small gap between *Lower Threshold* and *Upper Threshold*. Size of this gap should be approximately *Maximum pressure* / 128. Setting *Lower Threshold* to 0 and *Upper Threshold* too close is causing the driver to set (overflow) the *Lower Threshold* value to 655xx. This should be avoided!

Limiters

Point Limiter – Limits control-points movement. Unchecking allows to move control-points without limitations.

Linear Curve – Approximate middle control-point position to generate linear pressure curve. Unchecking allows to move middle control-point without limitations.

Threshold Limiter – Automatic adjustment of Threshold values. Unchecking allows to change Threshold values without limitations.

Backup

Program backups the first opened file (*First-Run backup*) with at least one valid pen. User is able to restore this settings or set a new backup from the menu. Automatic backups are also created when user apply settings

External Links

[Homepage](#)
[Wacom / Cintiq driver - manual adjustment of pen sensitivity!](#)
[Conceptart.org - How To Easily Make Your Cintiq/Tablet Better](#)

Special Thanks

[Genko](#)

FAQ and Known Limitations

**This program is distributed "as it is" without any warranty.
You may use it at your own risk!**

1] The program is able to start and stop tablet services named:

[TabletServicePen](#)
[TabletServiceWacom](#)

If your currently installed driver uses differently named service, then the program will be not able to apply settings automatically.

2] The program automatically opens this configuration files (if present):

[%Application Data%\WTablet\Pen_Tablet.dat](#)
[%Application Data%\WTablet\Wacom_Tablet.dat](#)

3] Every pen is recognized by these values in config file. If these values aren't present the pen is not detected:

Plain Text (older version):

[ButtonName](#)
[PressureResolution](#)
[PressureCurveControlPoint](#)
[UpperPressureThreshold](#)
[LowerPressureThreshold](#)

XML :

XML key's : root / TabletArray / ArrayElement / TabletTransducerArray / ArrayElement / TransducerTipButtonSettings, TransducerEraserSettings, ...

[ButtonName](#)
[PressureCurveControlPoint](#)

4] Some curve profiles should e.g. invert the pen sensitivity, but they didn't work well. This is not caused by this program. The driver cannot handle all possible curve settings and have its own limitations.

5] *Default button* in *Wacom control panel* or *Wacom tool for removing the configuration profile* should solve all problems caused by wrong config. manipulation.

6] *By setting Lower Threshold to 0 and Upper Threshold too close (closer than Maximum pressure / 128)) could cause Wacom service to overflow and change Lower Threshold value to 655xx. Solution for this problem is to set Thresholds to valid values and restart tablet service.*

Please report all bugs to zidy@envirex.cz

Changelog

version 1.0.0.0 (12/07/2009)

- = First public release
- + Sensitivity curve editor
- + Apply settings - Restart tablet service
- + Simple backup management

version 1.0.1.0 (17/07/2009)

- Fixed : Vista Related – UAC and user privileges issues
- Fixed : No Backup directory didn't stop the program (user privileges).

version 1.0.2.0 (17/07/2009)

- Fixed : Different Locale Settings (date format) caused problems with backup file names.

Version 1.1.0.0 - Beta 1 (20/07/2009)

- + LowerPressureThreshold and UpperPressureThreshold settings
- + Automatic threshold setting (Threshold Limiter)
- + Easier Configuration (Point Limiter)
- + Better info about active point

Version 1.1.1.0 (27/08/2009)

- = Source code released for public
- + Minor changes

Version 1.2.0.0 (28/11/2009)

- Fixed : Changed the method of stopping and starting service for better compatibility.
- Fixed : Incorrect behavior with professional tablets.
- + Generate configuration text function
- + Minor changes

Version 1.5.0.0 - Beta 1 (08/01/2011)

- + Support for new XML based config files (experimental)
- + Default curve is automatically "Linear"
- + Default Threshold Limiters should avoid Lower Threshold 655xx values (driver overflow with non-common values)
- + Improved support for Windows Vista & 7

Version 1.5.1.0 - Beta 2 (12/01/2011)

- + Modified UAC handling. Now are Administrative rights required only for necessary tasks.
- + Improved UI - its now easier to understand what this tool is doing.
- + Limiters are now showing simple help.

Version 1.5.2.0 - Beta 3 (25/01/2011)

- + Small UAC related Improvements
- Fixed : Improved Threshold Limiter – Driver was resetting pressure curve (after reboot) to default with Lower Threshold set to 0.

Version 1.5.2.0 (25/01/2011)

- + Final 1.5 version