

# Utilisation d'une tablette graphique Wacom

- <https://www.wacom.com/fr-fr>
  - <http://101.wacom.com/UserHelp/fr/TOC/CTL-6100wl.html>
- [Prise en charge des tablettes graphiques sous Ubuntu](#)
  - modèles testés :
    - Wacom Bamboo Fun medium
    - Wacom Intuos M CTL-6100WL
- [Tablettes graphiques Wacom](#)
- [Linux Wacom project](#) - <https://github.com/linuxwacom>
  - <https://github.com/linuxwacom/xf86-input-wacom> (+ wiki)
- [https://wiki.archlinux.org/index.php/wacom\\_tablet](https://wiki.archlinux.org/index.php/wacom_tablet)
- ATTENTION, il faudra écrire un petit script pour effectuer des réglages qui soient permanents !!

## Commandes

### Lister les périphériques

```
xsetwacom --list devices
```

Pour une Wacom Intuos :

```
Wacom Intuos BT M Pen stylus      id: 18   type: STYLUS
Wacom Intuos BT M Pad pad         id: 19   type: PAD
```

### Lister les paramètres

```
xsetwacom --list parameters
```

Pour une Wacom Intuos :

```
Area          - Valid tablet area in device coordinates.
Button        - X11 event to which the given button should be mapped.
ToolDebugLevel - Level of debugging trace for individual tools (default is 0 [off]).
TabletDebugLevel - Level of debugging statements applied to shared code paths between all tools associated with the same tablet (default is 0 [off]).
Suppress      - Number of points trimmed (default is 2).
RawSample     - Number of raw data used to filter the points (default is 4).
PressureCurve - Bezier curve for pressure (default is 0 0 100 100 [linear]).
Mode          - Switches cursor movement mode (default is absolute).
TabletPCButton - Turns on/off Tablet PC buttons (default is off for
```

```

regular tablets, on for Tablet PC).
Touch                - Turns on/off Touch events (default is on).
HWTouchSwitchState  - Touch events turned on/off by hardware switch.
Gesture              - Turns on/off multi-touch gesture events (default is on).
ZoomDistance        - Minimum distance for a zoom gesture (default is 50).
ScrollDistance      - Minimum motion before sending a scroll gesture (default
is 20).
TapTime             - Minimum time between taps for a right click (default is
250).
CursorProximity     - Sets cursor distance for proximity-out in distance from
the tablet (default is 10 for Intuos series, 42 for Graphire series).
Rotate              - Sets the rotation of the tablet. Values = none, cw, ccw,
half (default is none).
RelWheelUp          - X11 event to which relative wheel up should be mapped.
RelWheelDown        - X11 event to which relative wheel down should be mapped.
AbsWheelUp          - X11 event to which absolute wheel up should be mapped.
AbsWheelDown        - X11 event to which absolute wheel down should be mapped.
AbsWheel2Up         - X11 event to which absolute wheel up should be mapped.
AbsWheel2Down       - X11 event to which absolute wheel down should be mapped.
StripLeftUp         - X11 event to which left strip up should be mapped.
StripLeftDown       - X11 event to which left strip down should be mapped.
StripRightUp        - X11 event to which right strip up should be mapped.
StripRightDown      - X11 event to which right strip down should be mapped.
Threshold           - Sets tip/eraser pressure threshold (default is 27).
ResetArea           - Resets the bounding coordinates to default in tablet
units.
ToolType            - Returns the tool type of the associated device.
ToolSerial          - Returns the serial number of the current device in
proximity.
ToolID              - Returns the tool ID of the current tool in proximity.
ToolSerialPrevious  - Returns the serial number of the previous device in
proximity.
BindToSerial        - Binds this device to the serial number.
TabletID            - Returns the tablet ID of the associated device.
PressureRecalibration - Turns on/off Tablet pressure recalibration
PanScrollThreshold - Adjusts distance required for pan actions to generate a
scroll event
MapToOutput         - Map the device to the given output.
all                 - Get value for all parameters.

```

```
xsetwacom --get "Wacom Intuos BT M Pen stylus" all
```

```

Option "Area" "0 0 21600 13500"
Button: Actions are not supported by xorg.conf. Try shell format (-s)
instead.
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instead.
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instead.
Button: Actions are not supported by xorg.conf. Try shell format (-s)
instead.

```

```
Option "DebugLevel" "0"
Option "CommonDBG" "0"
Option "Suppress" "2"
Option "RawSample" "4"
Option "PressCurve" "0 0 100 100"
Option "Mode" "Absolute"
Option "TPCButton" "off"
Option "Touch" "off"
Property 'Wacom Hardware Touch Switch' does not exist on device.
Option "Gesture" "off"
Option "ZoomDistance" "0"
Option "ScrollDistance" "0"
Option "TapTime" "250"
Property 'Wacom Proximity Threshold' does not exist on device.
Option "Rotate" "none"
Property 'Wacom Wheel Buttons' does not exist on device.
Property 'Wacom Wheel Buttons' does not exist on device.
Property 'Wacom Wheel Buttons' does not exist on device.
Property 'Wacom Wheel Buttons' does not exist on device.
Property 'Wacom Wheel Buttons' does not exist on device.
Property 'Wacom Wheel Buttons' does not exist on device.
Property 'Wacom Strip Buttons' does not exist on device.
Property 'Wacom Strip Buttons' does not exist on device.
Property 'Wacom Strip Buttons' does not exist on device.
Property 'Wacom Strip Buttons' does not exist on device.
Option "Threshold" "26"
Option "Serial" "0"
Option "PressureRecalibration" "on"
Option "PanScrollThreshold" "1300"
```

```
xsetwacom --get "Wacom Intuos BT M Pad pad" all
```

```
Property 'Wacom Tablet Area' does not exist on device.
Button: Actions are not supported by xorg.conf. Try shell format (-s)
instead.
Button: Actions are not supported by xorg.conf. Try shell format (-s)
instead.
Button: Actions are not supported by xorg.conf. Try shell format (-s)
instead.
Button: Actions are not supported by xorg.conf. Try shell format (-s)
instead.
Option "DebugLevel" "0"
Option "CommonDBG" "0"
Option "Suppress" "2"
Option "RawSample" "4"
Property 'Wacom Pressurecurve' does not exist on device.
Option "Mode" "Absolute"
Property 'Wacom Hover Click' does not exist on device.
Option "Touch" "off"
Property 'Wacom Hardware Touch Switch' does not exist on device.
Option "Gesture" "off"
```

```
Option "ZoomDistance" "0"  
Option "ScrollDistance" "0"  
Option "TapTime" "250"  
Property 'Wacom Proximity Threshold' does not exist on device.  
Property 'Wacom Rotation' does not exist on device.  
RelWheelUp: Actions are not supported by xorg.conf. Try shell format (-s)  
instead.  
RelWheelDown: Actions are not supported by xorg.conf. Try shell format (-s)  
instead.  
AbsWheelUp: Actions are not supported by xorg.conf. Try shell format (-s)  
instead.  
AbsWheelDown: Actions are not supported by xorg.conf. Try shell format (-s)  
instead.  
AbsWheel2Up: Actions are not supported by xorg.conf. Try shell format (-s)  
instead.  
AbsWheel2Down: Actions are not supported by xorg.conf. Try shell format (-s)  
instead.  
StripLeftUp: Actions are not supported by xorg.conf. Try shell format (-s)  
instead.  
StripLeftDown: Actions are not supported by xorg.conf. Try shell format (-s)  
instead.  
StripRightUp: Actions are not supported by xorg.conf. Try shell format (-s)  
instead.  
StripRightDown: Actions are not supported by xorg.conf. Try shell format (-s)  
instead.  
Option "Threshold" "0"  
Option "Serial" "0"  
Property 'Wacom Pressure Recalibration' does not exist on device.  
Option "PanScrollThreshold" "13"
```

## Modifiers

```
xsetwacom --list modifiers
```

21 modifiers are supported:

```
ctrl  
ctl  
control  
lctrl  
rctrl  
meta  
lmeta  
rmeta  
alt  
lalt  
ralt  
shift  
lshift  
rshift  
super
```

lsuper  
rsuper  
hyper  
lhyper  
rhyper  
altgr

83 specialkeys are supported:

f1  
f2  
f3  
f4  
f5  
f6  
f7  
f8  
f9  
f10  
f11  
f12  
f13  
f14  
f15  
f16  
f17  
f18  
f19  
f20  
f21  
f22  
f23  
f24  
f25  
f26  
f27  
f28  
f29  
f30  
f31  
f32  
f33  
f34  
f35  
esc  
Esc  
up  
down  
left  
right  
backspace  
Backspace

```
return
tab
PgUp
PgDn
del
home
end
insert
`
-
=
[
]
\
;
:
,
.
/
~
!
@
#
$
%
^
&
*
(
)
_
+
{
}
|
:
"
<
>
?
```

Keys not listed above can be specified via their KeySyms. See the man page for details.

## Choix du mode absolu/relatif

Il peut être utile de travailler en mode relatif ou absolu, en utilisant par exemple une de ces commandes :

```
xsetwacom set "Wacom BambooFun 4x5 Pen stylus" mode Relative
xsetwacom set "Wacom BambooFun 4x5 Pen stylus" mode Absolute
```

```
xsetwacom set "Wacom Intuos BT M Pen stylus" mode Relative  
xsetwacom set "Wacom Intuos BT M Pen stylus" mode Absolute
```

From:

<https://dvillers.umons.ac.be/wiki/> - **Didier Villers, UMONS - wiki**

Permanent link:

<https://dvillers.umons.ac.be/wiki/floss:wacom?rev=1594018861>

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