

# Xsite® APP

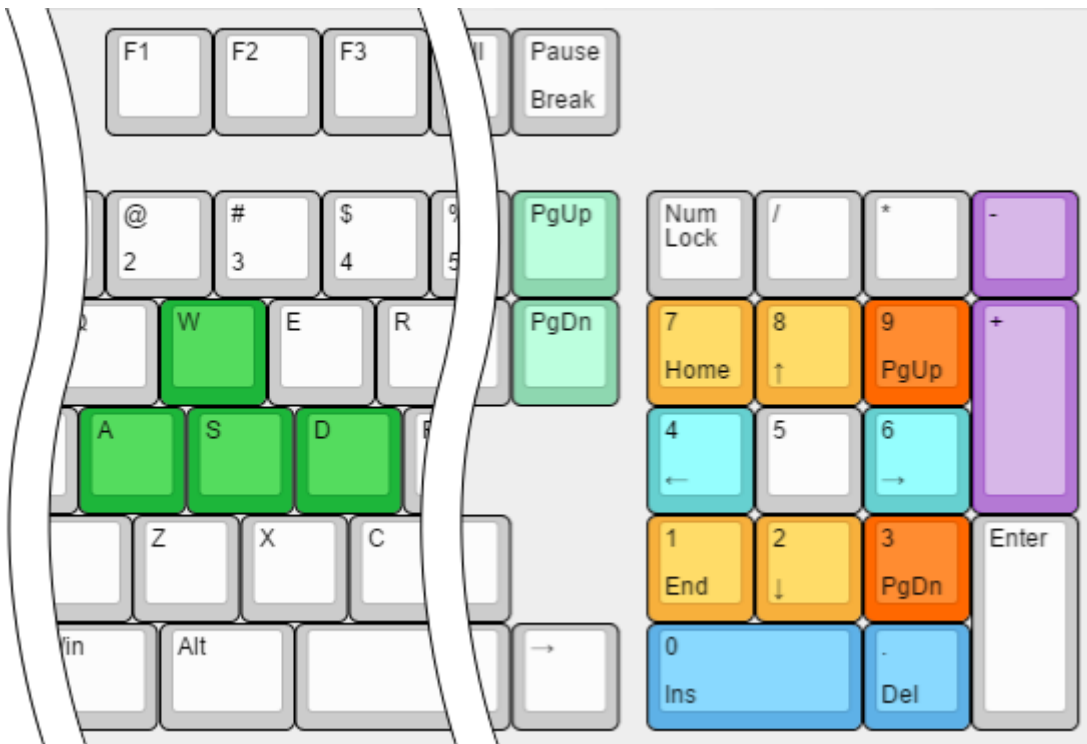
## Machine control simulation mode

Universal keys:

|       |   |
|-------|---|
| J     | - Toggle joystick mode  |
| O     | - Reset machine orientation   |
| Q     | - Drop machine to surface   |
| X     | - Toggle auto drive along selected line                                 |
| C     | - Jump machine to selected model (start / middle / end)                 |
| Shift | - Hold down for faster speed  |
| Ctrl  | - Hold down for slower speed  |
| K     | - Toggle 10x slower speed   |
| L     | - Toggle log to file. Log files go to: %AppData%\NovatronLocal\ncan\log |

## Excavator keyboard controls

|               |                                     |
|---------------|-------------------------------------|
| W / S / A / D | - Move machine                      |
| - / +         | - Move second boom (two-piece boom) |
| 7 / 1         | - Move main boom                    |
| 8 / 2         | - Move stick or extending boom      |
| 9 / 3         | - Move bucket                       |
| 4 / 6         | - Rotate bucket                     |
| 0 / ,         | - Tilt bucket                       |
| PgUp / PgDn   | - Move machine vertically           |



## Excavator gamepad controls

### Logitech F310/F710 (in Xinput mode)

|                          |                                |
|--------------------------|--------------------------------|
| Joypad                   | - Move machine                 |
| Left stick left / right  | - Rotate chassis               |
| Left stick up / down     | - Move stick or extending boom |
| Right stick left / right | - Move bucket                  |

- Right stick up / down - Move main boom
- Triggers - Tilt bucket
- Shoulders - Rotate bucket
- X / B buttons - Move secondary boom
- Y / A buttons - Move machine vertically
- Start button - Toggle joystick mode
- Back button - Shift mode
- Shift + X - Toggle auto drive along selected line
- Shift + A - Drop machine to surface



### Joystick / Gamepad Mode Controls



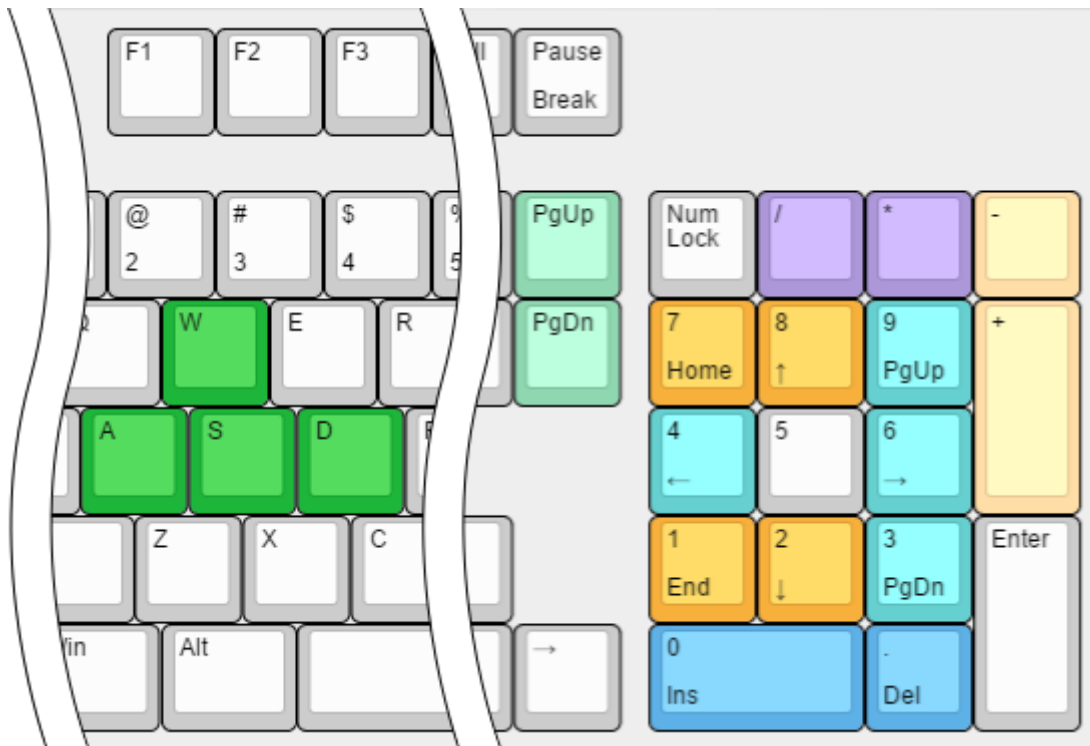
**OTHER:**

- START BUTTON** - Joystick Mode ON/OFF (Reset)
- SHIFT+ X** - Drive mode Toggle
- SHIFT+ A** - Drop to Ground Toggle

## Drill rig keyboard controls

- W / S / A / D - Move machine
- 7 / 1 - Move first boom

8 / 2 - Move second boom  
 9 / 3 - Pitch mast  
 4 / 6 - Tilt mast  
 0 / , - Move rail  
 / / \* - Rotate boom swing  
 + / - - Move drill bit  
 PgUp / PgDn - Move machine vertically



## Drill rig gamepad controls

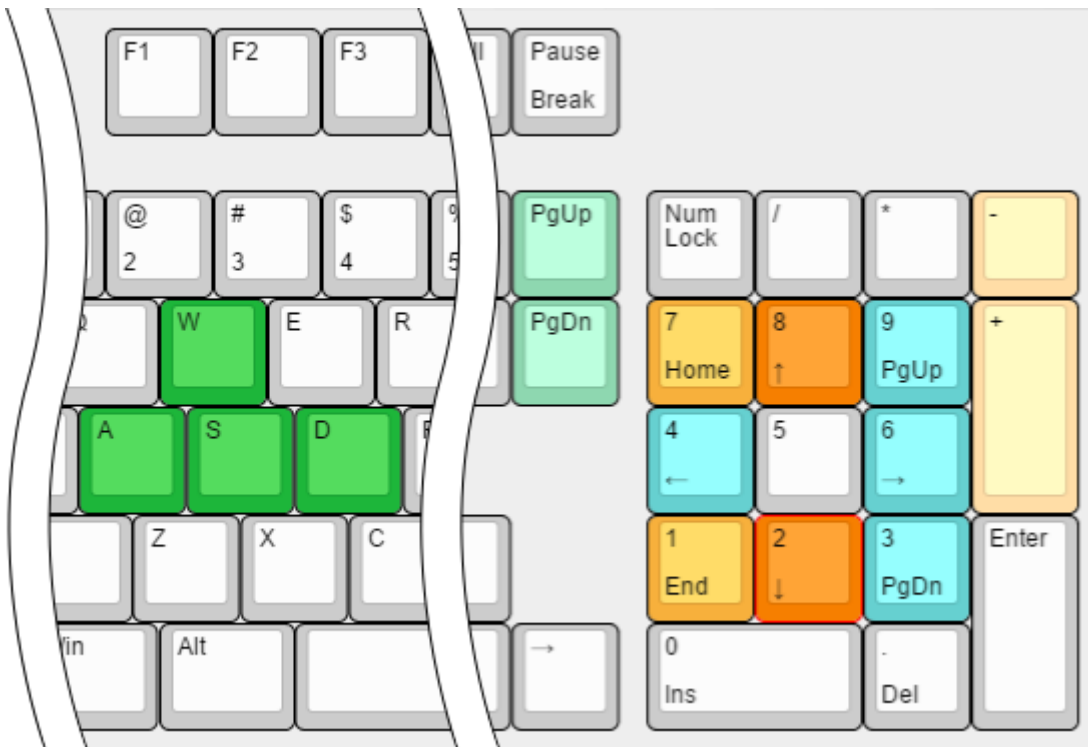
### Logitech F310/F710 (in Xinput mode)

Joypad up / down - Move first boom  
 Joypad right / left - Move second boom or extending boom  
 Left stick - Move machine  
 Right stick left / right - Tilt mast  
 Right stick up / down - Pitch mast  
 Triggers - Rotate boom swing  
 Shoulders - Move rail  
 X / B buttons - Move drill bit  
 Y / A buttons - Move machine vertically  
 Start button - Toggle joystick mode  
 Back button - Shift mode  
 Shift + X - Toggle auto drive along selected line  
 Shift + A - Drop machine to surface



## Piling rig keyboard controls

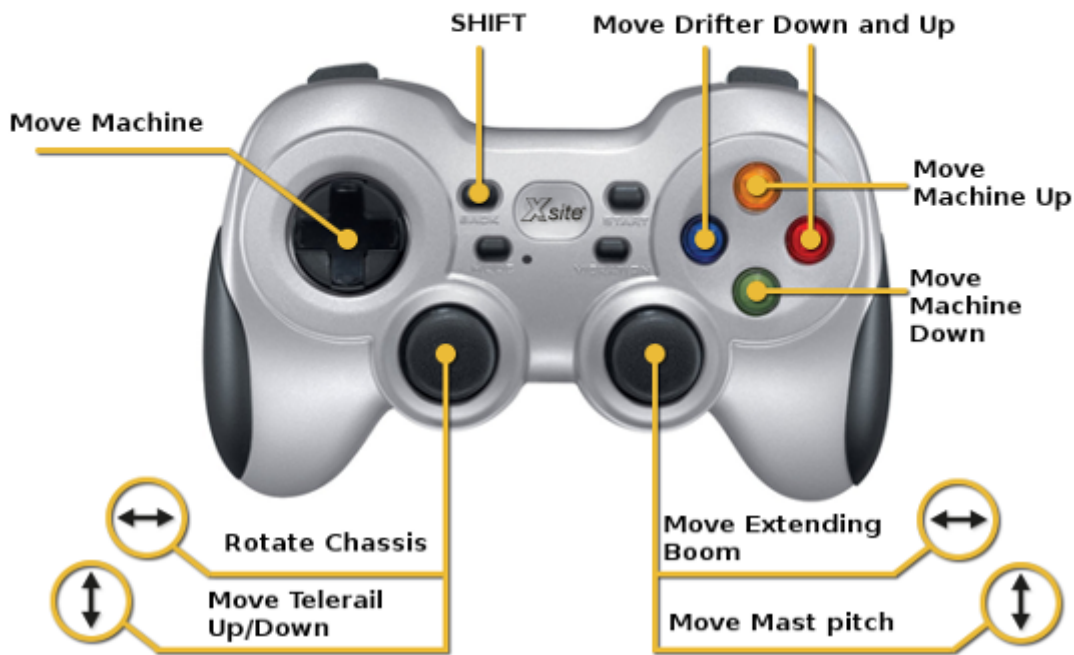
- W / S / A / D - Move machine
- 7 / 1 - Move extending boom
- 8 / 2 - Move tele rail
- 9 / 3 - Pitch mast
- 4 / 6 - Tilt mast
- + / - - Move hammer
- PgUp / PgDn - Move machine vertically



## Piling rig gamepad controls

### Logitech F310/F710 (in Xinput mode)

|                          |   |
|--------------------------|---|
| Joypad                   | - Move machine                          |
| Left stick left / right  | - Rotate chassis                        |
| Left stick up / down     | - Move tele rail                        |
| Right stick left / right | - Move extending boom                   |
| Right stick up / down    | - Pitch mast                            |
| Triggers                 | - Tilt mast                             |
| X / B buttons            | - Move hammer                           |
| Y / A buttons            | - Move machine vertically               |
| Start button             | - Toggle joystick mode                  |
| Back button              | - Shift mode                            |
| Shift + X                | - Toggle auto drive along selected line |
| Shift + A                | - Drop machine to surface               |



## Function and action keys

Note: the keyboard bindings can change a lot from version to version and they are there mainly for support personnel and demonstrations only.

- F1 - Open the browser to novatron web page
- F2 - Open this help
- F3 - Debug information
- F4 - Popup the boot up frame / log window
- F5 - Custom joystick action key 1
- F6 - Custom joystick action key 2
- F7 - Forbidden for legacy OSD reasons
- F8 - Custom joystick action key 3

F9 - Take a screenshot  
F10 - Log in as remote administrator  
F11 - Toggle buffered keyboard mode (for typing into edit boxes)  
F12 - Reserved for NoLog GUI  
Ctrl+F5 - Legacy custom joystick action key 1  
Ctrl+F6 - Legacy custom joystick action key 2  
Ctrl+F7 - Legacy OSD stuff  
Ctrl+F8 - Legacy custom joystick action key 3  
Y - Left action  
N - Right action  
Print Screen - Take a screenshot  
Arrow Keys - Move up, down, left, right in menus  
Enter - Select  
Insert - Go to measuring view  
Del - Go to main menu  
Esc - Exit to shutdown menu  
Page Up - Scroll menus up  
Page Down - Scroll menus down  
Home / End - Change dashboard

## **Test and development (debug mode active)**

Ctrl + M - Record macro  
Shift + M - Loop play macro  
M - Play macro  
B - Change surface alpha values  
F - Show FPS and resource usage info  
H - Change machine positioning mode (single, dual, etc.)  
I - Show surveyors next to machine  
R - Toggle solid, wire frame and point rendering  
U - Create visible pins