

## P1A-S pendant LinuxCNC driver Installation

1. Copy and move following files to LinuxCNC PC

**Makefile**

**vc-plas**

**vc-plas.hal**

**99-vistacnc-pendant.rules**

2. Put Makefile, vc-plas and 99-vistacnc-pendant.rules to "src" under home directory ~/src\$. If there is a Makefile in that directory, name that make file to different name, like Makefile\_old.
3. Run `make install`, this will install vc-plas to /usr/bin and 99-vistacnc-pendant.rules to /lib/udev/rules.d
4. Put vc-plas.hal to your config directory, the same directory as .ini file.

The number of decimal digit to display and step size selections are defined in vc-plas.hal:

```
.
.
#P1A-S pendant settings
#number of decimal digit to display on axis DRO,
#settable number:2,3,4
setp vc-plas.decimal 3

#step size, set 0 to skip.
setp vc-plas.stepsize-1 0.0001
setp vc-plas.stepsize-2 0.001
setp vc-plas.stepsize-3 0.01
setp vc-plas.stepsize-4 0.1
setp vc-plas.stepsize-5 1
setp vc-plas.stepsize-6 10
setp vc-plas.stepsize-7 0
setp vc-plas.stepsize-8 0
setp vc-plas.stepsize-9 0
.
.
```

5. Add following lines (in bold font) to .ini files:

```
[HAL]
HALFILE = my-mill.hal
HALFILE = custom.hal
HALFILE = vc-plas.hal
POSTGUI_HALFILE = custom_postgui.hal
```

HALUI = halui

```
[HALUI]
MDI_COMMAND=...
MDI_COMMAND=...
MDI_COMMAND=...
MDI_COMMAND=...
MDI_COMMAND=...
MDI_COMMAND=G10 L20 P1 X0
MDI_COMMAND=G10 L20 P1 Y0
MDI_COMMAND=G10 L20 P1 Z0
MDI_COMMAND=G0 X0 Y0 Z0
MDI_COMMAND=G10 L20 P1 A0
```