

M1 pendant LinuxCNC driver Installation

1. Copy and move following files to LinuxCNC PC

Makefile

vc-m1

vc-m1.hal

99-vistacnc-pendant.rules

2. Put Makefile, vc-m1 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-m1 to /usr/bin and 99-vistacnc-pendant.rules to /lib/udev/rules.d
4. Put vc-m1.hal to your config directory, the same directory as .ini file.

5. Add following lines (in **bold font**) to custom_postgui.hal file (It is the file of POSTGUI_HALFILE in .ini file):

```
# Include your customized HAL commands here
# The commands in this file are run after the AXIS GUI (including
PyVCP panel) starts
```

```
sets spindle-at-speed true
net jog.stepsize axisui.jog.increment => vc-m1.jog.stepsize
```

6. Add following lines (in **bold font**) to .ini file:

```
[HAL]
HALFILE = my-mill.hal
HALFILE = custom.hal
HALFILE = vc-m1.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
```