

```
# ----- CP88 KNOB PIANO SELECT -----
```

```
def knob_pno_sel():
```

```
    global p_sw
```

```
    p_sw = int(j_pno_sel.get())
```

```
    if p_sw >1 and p_sw < 10: p_sw = 1
```

```
    elif p_sw >10 and p_sw < 20: p_sw = 5
```

```
    elif p_sw >20 and p_sw < 30: p_sw = 7
```

```
    elif p_sw > 30: p_sw = 9
```

```
    else:
```

```
        if p_sw == 10: p_sw = 5
```

```
        if p_sw == 20: p_sw = 7
```

```
        if p_sw == 30: p_sw = 9
```

```
    lsb_pno_sel = mido.Message('control_change', control = 12, value = p_sw, channel = midi_ch,  
time = 0)
```

```
    midi_out.send(lsb_pno_sel)
```

```
    j_pno_sel = Jogwheel(pno, radius=80, fg="#ffffff", scale_color="white",text= None,  
button_radius=7, start = 1, end = 40, start_angle = 60, end_angle = -130, command =  
knob_pno_sel, button_color = '#0ff')
```

```
    #wheel_1.set_mark(-12,12, "green")
```

```
    global x_pno_sel
```

```
    global y_pno_sel
```

```
    x_pno_sel = 40
```

```
    y_pno_sel = 40
```

```
    j_pno_sel.set(63)
```

```
    j_pno_sel.pack()
```

```
    j_pno_sel.place(x=x_pno_sel, y = y_pno_sel)
```

```
    lbl_pno_1 = Label(pno , text = "Grand Piano", bg='#006', fg='#0ff', font='Helvetica 12')
```

```
    lbl_pno_1.place(x=x_pno_sel + 60,y=y_pno_sel-10)
```

```
    lbl_pno_2 = Label(pno , text = "Upright Piano", bg='#006', fg='#0ff', font='Helvetica 12')
```

```
    lbl_pno_2.place(x=x_pno_sel + 80,y=y_pno_sel +20)
```

```
    lbl_pno_3 = Label(pno , text = " CP", bg='#006', fg='#0ff', font='Helvetica 12')
```

```
    lbl_pno_3.place(x=x_pno_sel + 80,y=y_pno_sel +50)
```

```
    lbl_pno_4 = Label(pno , text = "Layered Piano", bg='#006', fg='#0ff', font='Helvetica 12')
```

```
    lbl_pno_4.place(x=x_pno_sel + 60,y=y_pno_sel +80)
```

```
    lbl_pno_sel = Label(pno , text = "Piano Select", bg='#0ff', fg='#036', font='Helvetica 18')
```

```
    lbl_pno_sel.place(x=x_pno_sel,y=y_pno_sel + 110)
```

```
# -----
```