

```

# ----- CP88 Piano PRG UP DOWN -----
fg_onoff = '#ffbbff'
bg_onoff = '#000066'
bord = '#000066'
font_='Helvetica 14'

pno.i = IntVar()
pno.i=1

def bt_up_down(ud):

    updo = ud
    pno.cc_piano = IntVar()
    pno.cc_piano = 12
    pno_grand = [1,2,3,4,58,92,95,96,107,1,2]

    upr_piano = [5,6,108]

    cp_piano = [7,8]

    layer_piano = [9,10]

    if pno.p_sw == 1:
        pno.max_piano_sounds = 11
        pno_group = pno_grand
    if pno.p_sw == 5:
        pno.max_piano_sounds = 3
        pno_group = upr_piano
    if pno.p_sw == 7:
        pno.max_piano_sounds = 2
        pno_group = cp_piano
    if pno.p_sw == 9:
        pno.max_piano_sounds = 2
        pno_group = layer_piano

    if updo == 0:
        pno.i = pno.i-1
    if updo == 1:
        pno.i = pno.i+1
    if pno.i > pno.max_piano_sounds: pno.i = pno.max_piano_sounds
    if pno.i < 1: pno.i = 1
    if pno.i == 10: pno.cc_piano = 44
    if pno.i == 11: pno.cc_piano = 44
    prg = pno_group[pno.i-1]
    sound_piano = str(pno.i)
    if pno.i<10: sound_piano=f'0{sound_piano}'

    lsb_prg = mido.Message('control_change', control = pno.cc_piano, value = prg, channel =
midi_ch, time = 0)
    lbl_prg = Label(pno, text =f' {sound_piano} ',font=("Arial", 30),fg="yellow",
bg='#000066').place( x = '262', y = '40')
    midi_out.send(lsb_prg)

```

```
lbl_prg = Label(pno, text = ' 01 ',font=("Arial", 30),fg="yellow", bg='#000066').place( x = '262',  
y = '40')
```

```
bt_prg_up = Button(pno, text=" DOWN ", font='sans 14', bg='#006699', fg='#ff0', width=70,  
bordercolor = '#000066', command = lambda: bt_up_down(0), borderwidth=0, relief="groove",  
borderless=1) #borderless=1 elimina bordo bianco
```

```
bt_prg_up.place(x = '250', y = '130')
```

```
bt_prg_down = Button(pno, text=" UP ", font='sans 14', bg='#006699', fg='#ff0', width=70,  
bordercolor = '#000066', command = lambda: bt_up_down(1), borderwidth=0, relief="groove",  
borderless=1) #borderless=1 elimina bordo bianco
```

```
bt_prg_down.place(x = '250', y = '100')  
#-----
```