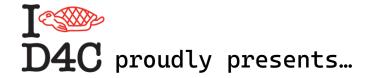


# Hercules



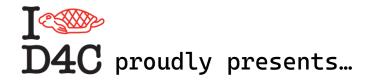
for controlling SSDR FlexRadio by a *«Hercules DJControl Starlight»* console for Windows



# SLICE A

# SLICE B





SLICE A

Switch "on" SLICE B



- -1- RIT
- -2- Turn for VFO
- -3- PTT Slice X
- -4- RX-A/B Tx Antof-A/B
- -5- Toggle Tx Ant1/2
- -6- Select CueBtns
- -7- Select LoopBtns
- -8- Tap for center in Pan

- **Cue-Btns**
- a) Mode
- b) Filter
- c) PanBW
- d) Step-Size

- oop-Btns Sl.A
- a) CWMakro1
- b) CWMakro2
- c) CWMakro3
- d) CWMakro

- SI.B
- e) CWMakro5
- f) CWMakro6
- g) CWMakro
- h) CWMakro8

- -1- AGC-Lev.
- -2- Volume
- -3- Variable Filter

#### **Global:**

- -A- MON
- -B- Create SliceSet A | B
- -C- Pan L/R SI.A/B

## **«Switch&Control up to 8 different FlexRadios»**

Your flex is in your local network? PERFECT!

You think about portforwarding or DynDns? FOREGT IT! SECURITY ISSUE!!!

Take a look at zerotier! With Zerotier, you can have a secure VPN + SmartLink is not needed (Layer-2 VPN, all is running local)

**Questions? Mail us!** 

#### Configuration-Mode <marked actors only>



Press to enter config mode



#### Preparation Step 1: "Adjust public/globals.json"

- 1. configs => How many configs shd be mapped (1...8)
- 2. default => which one shd be default? Must be less or equal configs! **Just 1 Flex**? Set "configs": 1 & "default": 1 in globals.json and edit just the file "config1.json" in Step 2.

#### Step 2: "Edit each public/config<nr>.json

- 1. Edit each of the config<nr> you want to use.
- 2. Start with config1.json
- 3. Next config2.json and so on until <nr> = Globals.configs!!!

#### What must i edit in a config<nr>.json?

"FlexIP": "<ipadress of the flex you want to control>", e.g. "192.168.0.100"

#### Should i edit the other properies?

Answer:

NO NO NO. If you want to remap functions to actors, thats done in the hercules.xlsx. Normally you do not have to change anything! Screw it up on your own ©

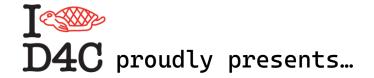
#### Up to 8 differerent radios!

config<nr>.json for each flex => <nr> starting at 1

**C - CUE L-Loop** 1,2,3,4 5,6,7,8

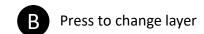
After entering configuration mode (base led = PURPLE) and selecting your config, controller is trying to connect to the radio. If there is an error, base led will turn RED.

If all went well, it connects and base led will stay GREEN



# «Layer 1 and Layer 2 – Double your controls! »

Select Layer off/Layer 1 & blue/Layer 2





#### You want more! More! More?

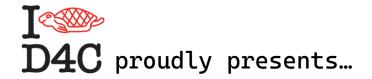
- Maybe you want to have more functions mapped
- Maybe you want to have on mapping for contest, one mapping for dx
- Maybe you enjoy screwing up everything,hi

Layer 1 will use the mapping in sheet "midimap" of public/hercules.xlsx

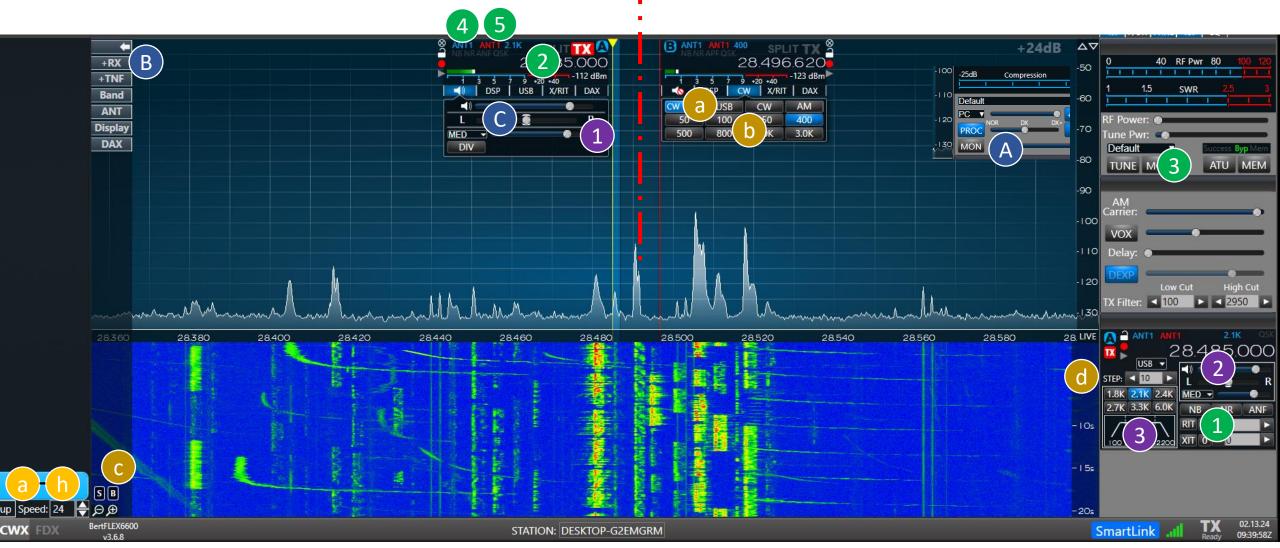
Layer 2 will use the mapping in sheet "midimap2" of public/hercules.xlsx (default: same as in Layer 1)

#### WARNING

- Keep in mind: Less is more. This is an add on, not an add-everything-is-possible thing: P
- Not every function can be remapped to everything, especially if it's coming down for led-btns-states
- Best praticse: reduce complexity, but extend to 2 layers.
- Having less used or new functionality makes more sense to have on layer2
- We learn from you: Request new funcionality and it might show up soon ©



# SLICE A | SLICE B





# «public/global.json »

{
 "configs" : 2,
 "default" : 2
}

## How many config<nr> you want to use.

2 means config1.json+config2.json 3 would be config1, config2 &config3

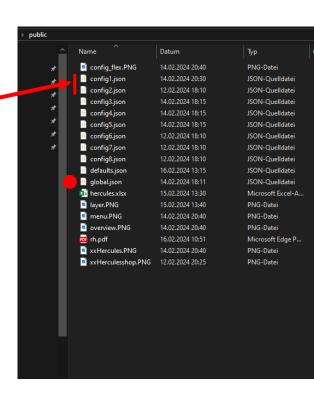
٠.

(see config<nr>.json slide)

Which of the config<nr>.json should be set as **default** when starting the software.

#### In our example:

- config1.json & config2.json are configured.
- config2.json will be default





# «public/config<nr>.json »

```
"FlexIP": "192.168.0.110",
"FlexPort": 4992,
"JogCoolDown": 100,
"MidimapFile": "hercules.xlsx",
"WindowsMidiName": "DJControl Starlight"
```

This is the (local) IP to your Flex you want to control. More Flex => u need more configs activated and edited! (\*)

FlexPort for Kommunikation, default

JogCoolDown = Testvalue JogWheel

Name of the Mapping-Excel u want tu use

Midi-DriverName in your Windows, default

#### (\*) ONLY VALUE YOU MUST CHANGE

Normally nothing to change in other properties

#### **Example:**

config1.json => 1st Flex with 192.168.0.110 config2.json => 2nd Flex with 192.168.0.111

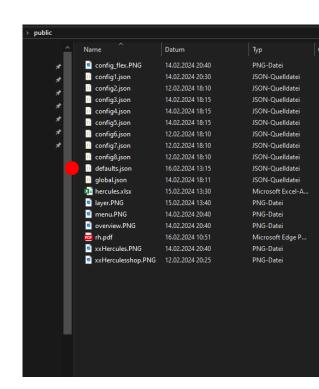
Datum 14.02.2024 20:40 PNG-Datei 12.02.2024 18:10 JSON-Quelldate 14.02.2024 18:15 14.02.2024 18:15 14.02.2024 18:15 12.02.2024 18:10 12.02.2024 18:10 16.02.2024 13:15 15.02.2024 13:30 15.02.2024 13:40 14.02.2024 20:40 PNG-Datei 12.02.2024 20:25 PNG-Datei



## «public/defaults.json »

```
1 "CWMakro": ["DM5XX", "DM1XX", "DM2XX", "DM3XX", "ur 5nn", "tu"],
2 "NotValidModes": ["AM", "SAM", "FM", "NFM", "DFM"],
3 "NotValidSteps": [1,1000, 2000,3000],
4 "CWFilter": [50,100,250,400,500,800,1000,3000],
5 "Filter": [1200,1800,2100,2400,2700,2900,3300,4000,6000],
6 "PanBW": [0.005, 0.010, 0.050, 0.100, 0.250]
```

up to 8 CW-Msg (mapped to Loop a,b,c,d + e,f,g,h) (\*) CHANGE THEM
 not valid modes for CUE-a
 not valid step size for CUE-d
 valid CW-Filter BW for CUE-b
 valid Filter BW for CUE-b
 valid Pan BW for CUE-c
 comma separated "DM5XX" – up to 8 strings.





## «public/hercules.xlsx »

