Installation Svxlink OPI 0 (F5SWB 2019)

1 - Mise à jour : sudo apt-get update

sudo apt-get upgrade

2 - Récupération des sources et installation des paquets utiles :
git clone https://github.com/sm0svx/svxlink.git
apt-get install gcc g++ make cmake libgcrypt-dev libgsm1-dev \
libsigc++-2.0-dev tcl-dev libspeex-dev libasound2-dev libpopt-dev \
libssl-dev libopus-dev groff libcurl4-openssl-dev

3 - Récupération de Svxlink :
sudo apt-get install git-core
sudo git clone http://github.com/sm0svx/svxlink.git
sudo adduser svxlink
cd svxlink/src
sudo mkdir build
cd build

4 - compilation:
sudo cmake -DCMAKE_INSTALL_PREFIX=/usr -DSYSCONF_INSTALL_DIR=/etc \ -
DLOCAL_STATE_DIR=/var ..
sudo make   --------------------------→ vous pouvez aller vous faire couler un café ☺
sudo make doc
sudo make install

5. installation des sons en français :
cd /usr/share/svxlink/sounds
sudo wget https://github.com/f5swb/svxlink-wav-fr/blob/master/fr_FR.zip
sudo unzip fr_FR.zip

6 - carte son :
Aller sur armbian-config puis system puis hardware
valider analog codec avec la touche espace

3 - Déclaration des gpio
-     sudo nano /etc/rc.local :
-     ################
-     #GPIO SCRIPT #
-     #TO BE INSERTED#
-     #ON START-UP #
-     ################
-     # GPIO 17 as PTT to TX2
-     echo 17 > /sys/class/gpio/export
-     echo out > /sys/class/gpio/gpio17/direction
-     sudo chmod 777 /sys/class/gpio/gpio17/value
-     # GPIO 18 as Squelch to RX2
-     echo 18 > /sys/class/gpio/export

- echo in > /sys/class/gpio/gpio18/direction
- sudo chmod 777 /sys/class/gpio/gpio18/value
- #GPIO 24 as PTT to TX1
- echo 24 > /sys/class/gpio/export
- echo out > /sys/class/gpio/gpio24/direction
- sudo chmod 777 /sys/class/gpio/gpio24/value
- # GPIO 23 as Squelch to RX1
- echo 23 > /sys/class/gpio/export
- echo in > /sys/class/gpio/gpio23/direction
- sudo chmod 777 /sys/class/gpio/gpio23/value
- #end of GPIO Section
- #lancement de svxlink en daemon
- sudo svxlink --daemon--logfile=/var/log/svxlink.log

```
sudo nano /etc/svxlink/svxlink.conf  :
[ReflectorLogic]
TYPE=Reflector
HOST=rrf3.f5nlg.ovh
PORT=5300
CALLSIGN="(67) F5SWB V"
AUTH_KEY="XXXXXXXXXXXXX"
JITTER_BUFFER_DELAY=0
```

```
sudo svxlink  -logfile=/var/log/svxlink.log
sudo  tail-f /var/log/svxlink.log
sudo passwd root  ------->  spotnik
sudo nano /etc/ssh/sshd_config
PermitRootLogin yes
sudo apt install mc
```