

1. apt-get install linphone-nogtk
2. Created linphonerc file in /root
3. created /root/sippaphone.sh

```
#!/bin/bash
# This script starts the sippaphone in background
# mode and then passes a command to auto answer
cp /root/linphonerc /root/.linphonerc
modprobe snd-dummy fake_buffer=0
#modprobe snd-dummy
sleep 2
linphonecsh init -c /root/.linphonerc
sleep 2
linphonecsh register --host 192.168.8.5 --username 4007 --password
sippa3*61*3#
linphonecsh generic "autoanswer enable"
```

4. root@raspberrypi:~# cat /etc/init.d/sippaphone.service

```
[Unit]
Description=SIPPAPhone

[Service]
WorkingDirectory=/root
ExecStart=/bin/bash sippaphone.sh
ExecStop=/bin/bash -c 'linphonecsh exit'
Type=forking
KillMode=control-group

[Install]
WantedBy=multi-user.target
```

5. root@raspberrypi:~# cat /etc/systemd/system/sippaphone.service

```
[Unit]
Description=SIPPAPhone

[Service]
WorkingDirectory=/root
ExecStart=/bin/bash sippaphone.sh
ExecStop=/bin/bash -c 'linphonecsh exit'
Type=forking
KillMode=control-group

[Install]
WantedBy=multi-user.target
```

6. update-rc.d sippaphone.service defaults

7. systemctl enable sippaphone.service

8. root@raspberrypi:~# systemctl status sippaphone.service

```
● sippaphone.service - SIPPAPhone
   Loaded: loaded (/etc/systemd/system/sippaphone.service; enabled; vendor preset:
   enabled)
   Active: failed (Result: exit-code) since Thu 2022-11-24 15:39:33 IST; 1h 52min ago
     Process: 899 ExecStart=/bin/bash sippaphone.sh (code=exited, status=255/EXCEPTION)
        CPU: 441ms

Nov 24 15:39:29 raspberrypi systemd[1]: Starting SIPPAPhone...
Nov 24 15:39:33 raspberrypi bash[907]: ERROR: Failed to connect pipe: No such file or
directory
Nov 24 15:39:33 raspberrypi bash[908]: ERROR: Failed to connect pipe: No such file or
directory
Nov 24 15:39:33 raspberrypi systemd[1]: sippaphone.service: Control process exited,
code=exited, status=255/EXCEPTION
Nov 24 15:39:33 raspberrypi systemd[1]: sippaphone.service: Failed with result
'exit-code'.
Nov 24 15:39:33 raspberrypi systemd[1]: Failed to start SIPPAPhone.
```

```
9. root@raspberrypi:~# env
SHELL=/bin/bash
NO_AT_BRIDGE=1
PWD=/root
LOGNAME=root
HOME=/root
LANG=en_GB.UTF-8
TERM=xterm-256color
USER=root
SHLVL=1
PATH=/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin
MAIL=/var/mail/root
TEXTDOMAIN=Linux-PAM
_=/usr/bin/env
```