

Under Construction

FreeDV with IC-7300MK2 and Linux Mint

FreeDV Initial Setup

`Tools → Easy Setup`

Step 1:

Radio Device	alsa_card.usb-C-Media_Electronics_Inc._USB_Audio_Device-00
Decoded audio plays back through	Speaker or Headphones
Transmitted audio records through	Mic

Step 2:

Rig Model:	Icom IC-7300MK2
Serial Device:	/dev/serial/by-id/usb-Icom_Inc._IC-7300MK2_IC-7300MK2_12006115-if00
Radio Address:	00
Serial Rate:	default
PTT uses:	CAT

Computer Audio Settings

Playback:

System Sounds		Mute
FreeDV: FreeDV to Radio *on*	USB Audio Device Analog Stereo (ie. the radio)	100% (0 dB)
FreeDV: FreeDV to Speaker *on*	Headphones / Speaker	100% (0 dB)

Recording

FreeDV: Mic to FreeDV *from*	Microphone	100% (0 dB)
FreeDV: Radio to FreeDV *from*	USB Audio Device Mono (ie. the radio)	100% (0 dB)

Configuration:

Headset	Mono Output + Mono Input
USB Audio Device	Analog Sterio Output + Mono Input