

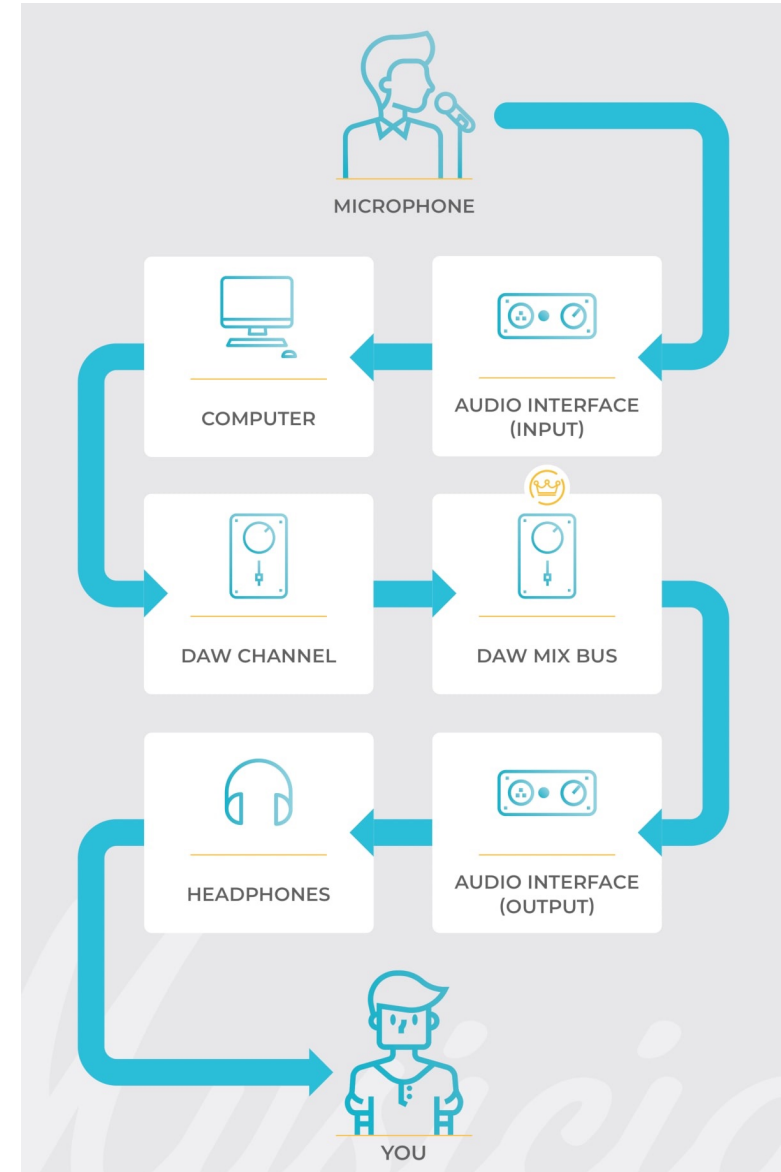
Recording at Home

Lisa Murray x Amplify Her



signal flow diagram

- When recording, our sound source (vocalist) sings into a microphone.
- The microphone converts the analog performance into electrical information that gets sent through the audio interface. (A/D conversion)
- This get captured by our computer/DAW through means of sampling (e.g. at 44,100 hZ).
- Then the signal hits the channel on our Digital Audio Workstation (DAW) where we can adjust the volume and pan.
- This signal within our DAW goes to the mix bus or master fader of the DAW.
- The mix bus signal is then sent through the audio interface output (D/A conversion) to our headphones and then to our ears.



signal flow breakdown

VOCALIST

sings into microphone which creates electrical signal

AUDIO
INTERFACE

samples that electrical signal to record it into a Digital Audio Workstation (DAW)

DAW FADER

controls the playback volume and pan of the audio channel

MASTER FADER

within the DAW is sent back out through the interface to headphones

HEADPHONES

play back the digital audio as an analog signal for us to hear



Focusrite 2i2 - £105



SSL 2+ - £225



UAD Apollo Twin - £948

Audio Interfaces

The audio interface is an essential part of your home studio, it is responsible for the DA and AD conversions from the diagram on the previous slide. Here are a range of different audio interfaces for different price points.

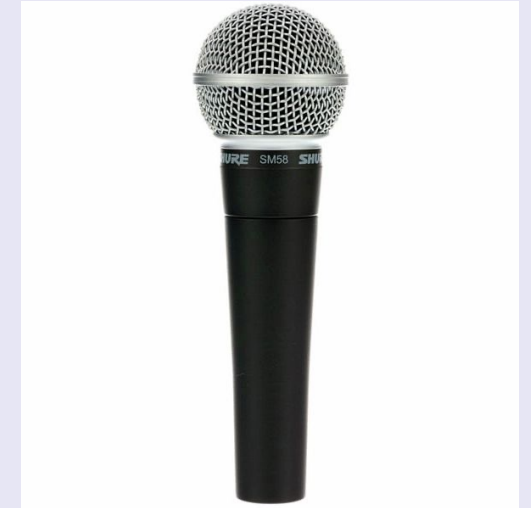
***All prices in this slideshow are from Thomann.de on Tues Oct 31st 2023*

Microphones

- Condenser Microphones
 - Require phantom power (+48V)
 - High quality
 - Very sensitive
- Dynamic Microphones
 - Do not require phantom power
 - Great for live performing
 - Don't capture as much detail
 - Great for louder spaces



MXL 990 - £84



SM58 - £95



SM7B - £339



TLM 103 - £1,025



+



Midi Controllers

- Korg Nanokey - £48
- AKAI MPK Mini - £79
- Novation Launchkey 49 MK3 - £199
- M-Audio Oxygen 49 MK5 - £125



Headphones

Having a good set of headphones is crucial to making great sounding music at home. You will use your headphones when tracking vocals, producing, mixing and mastering your tracks! Here are some I recommend:

- Beyerdynamic DT-770 Pro - £122
- Audio Technica ATH M-50X - £129
- Sony MDR 7506 - £92





Free plugins to elevate your productions

- [Spitfire Audio LABS](#)
- [Valhalla Super Massive](#)
- Tokyo Dawn Labs
 - [TDR Nova](#)
 - [TDR Vos SlicEQ](#)
 - [TDR Kotelnikov](#)
- [Baby Audio](#)
 - Magic Dice
 - Pitch Drift
 - Magic Switch



Black Friday

Black Friday is coming up at the end of this month and it is without a doubt the best time of year to buy new equipment, plugins, software etc for music production! Do your research before November 24th and you'll save a lot of money on things you need for your home studio!



Get in touch!

- If you'd like feedback, have questions or want to work together hit me up:
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