

KATHLEEN'S PIANO STUDIO AV EQUIPMENT

WEB CAMERA:

LOGITECH C920S - THIS IS A 1080P HD WEB CAMERA WITH BUILT IN MICROPHONE. THE VIDEO FEED IS REALLY GOOD, AND IS THE REASON WE HAVE SELECTED THIS ONE. BUT LIKE ALL WEB-CAMERAS, THE MICROPHONE IS TUNED FOR HUMAN VOICE RANGE, NOT THE PIANO RANGE. IT IS STILL BETTER THAN MOST BUILT-IN LAPTOP/TABLET MICS THOUGH.

<https://www.logitech.com/en-hk/product/hd-pro-webcam-c920>

MICROPHONE:

BLUE YETI - THIS IS A PROFESSIONAL USB CONNECTED MULTI-PATTERN MICROPHONE. IT HAS A FREQUENCY RANGE (*FROM 15 HZ TO 22,000 HZ*) THAT WILL COVER THE PIANO'S COMPLETE RANGE. IT ALSO HAS SEVERAL SETTING LIKE GAIN AND PATTERN THAT CAN BE USED TO SET THE SENSITIVITY AND DIRECTIONS THAT SOUND IS PICKED UP IN, ALLOWING YOU TO FOCUS THE AUDIO WHERE YOU WANT IT.

<https://www.bluedesigns.com/products/yeti/#full-features>

HEADPHONES:

JAYBIRD X4 - LIKE A STAGE MUSICIAN, KATHLEEN USES WIRELESS IN-EAR HEADPHONES FOR HER AUDIO. IF SHE WOULD USE REGULAR SPEAKERS, THE SOUNDS FROM THOSE SPEAKERS WOULD GET PICKED UP BY THE MICROPHONE, AMPLIFIED, FED BACK OUT OF THE SPEAKERS, PICKED UP AGAIN, AMPLIFIED, ETC IN AN ENDLESS LOOP... THIS IS CALLED "FEEDBACK", AND IS THAT SHRIEKING OR BOOMING NOISE THAT YOU SOMETIMES HEAR WHEN PEOPLE ARE USING MICROPHONES TOO CLOSE TO A SPEAKER. USING AN IN-EAR BLUETOOTH HEADPHONE PREVENTS THAT FEEDBACK FROM HAPPENING, AS THE SOUND STAYS CONTAINED.

<https://www.jaybirdsport.com/en-ca/x4.985-000808.html>

LIGHTING:

KATHLEEN USES A 10" RINGLIGHT ON A PORTABLE STAND. THE WEB CAMERA IS MOUNTED IN THE CENTRE OF THAT SO THAT THE VIEW IS WELL LIT. SOMETIMES YOU CAN SEE THAT REFLECTION IN HER GLASSES. 😊