Tips, Tips, and Tools For Virtual Puppetry
(stuff for socially distant puppet performance)

Presented by

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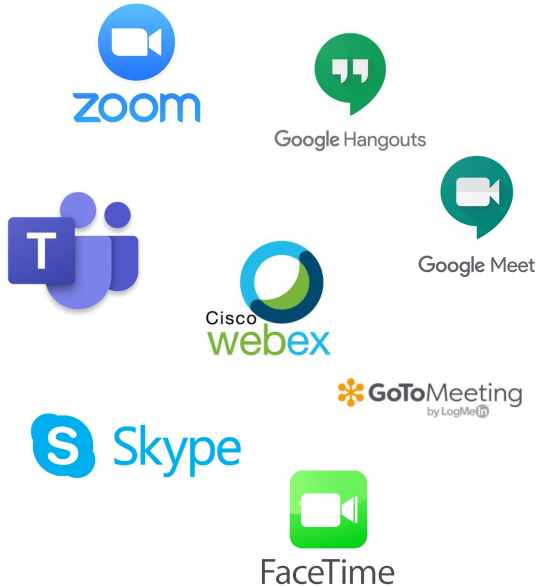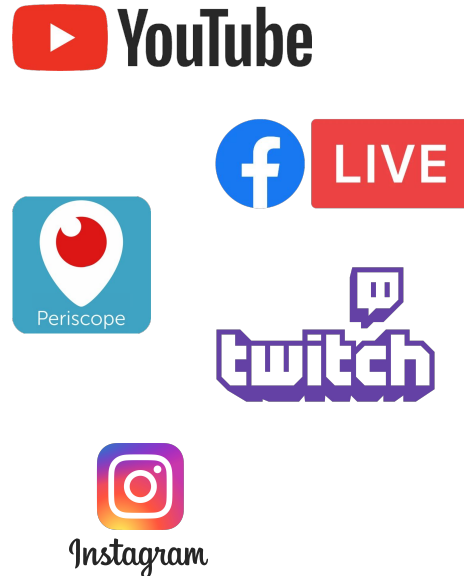Gabriel Galdamez
gabriel@cmtministries.org

Where
to
start?

Types of Remote Presenting

Virtual Meeting/Classroom

Software

Virtual Meeting/Classroom

Software

Virtual Meeting/Classroom

Software

Interactive - See and talk with everyone in a group setting.

Groups of 2-100
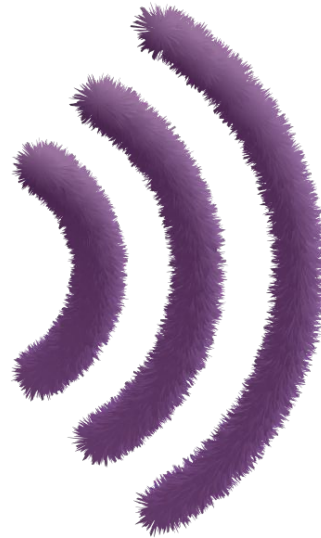(great for less than 30)

Works on a phone, tablet, or desktop

Most software is free for basic features

Most software can record for later broadcasting.

Live Stream Broadcast

Software

Live Stream Broadcast

Software

Great for large audiences.

Generally Free.

Interactions are limited to messages and emoticon reactions.

Can be private or public.

Can sell access to performances.

Many of these can be displayed on TV

Recorded Broadcast

Software

Pre-record, fully edit and produce.

Generally Free.

Interactions are limited to comments.

Can be private or public.

Can sell access to recordings.

Many of these can be displayed on TV

Tools

Computer, Phone or Tablet

Recording Devices

Cameras
- **Built in Camera in Computer, phone, or tablet.**
- **External web camera**
- **DSLR or Video Camera**

Microphone
- **Built in Computer or Phone Mic**
- **Phone headphones with Mic**
- **Professional Microphone including lav, cardioid condenser.**

Lighting

Natural light

Home Lights

Studio lights

Backgrounds

- **Room**

- **Set**

- **Photo background**

- **Green Screen**

Extra Software

OBS Studio

StreamYard

References / Links

Software for Sharing

Zoom - http://zoom.us
Google Hangout - http://hangout.google.com/
Google Meet - http://meet.google.com/
Facetime - https://apps.apple.com/us/app/facetime/id1110145091
Skype - http://skype.com/
Microsoft Teams - https://www.microsoft.com/en-us/microsoft-365/microsoft-teams/group-chat-software
YouTube - https://www.youtube.com/
Facebook Live - https://www.facebook.com/facebookmedia/solutions/facebook-live
Twitch - https://www.twitch.tv/
Instagram - https://www.instagram.com/
Periscope - https://www.periscope.tv/

Virtual Studio Software

OBS Studio - https://obsproject.com/ (Add Graphic and manage cameras on your computer to stream out)
StreamYard - https://streamyard.com/ (Like OBS but using a website not your computer)

EpocCam - https://www.kinoni.com/ (Connect your Phone as a camera for your computer)

Backgrounds used by Fabled Santa
http://www.backdropsandfloors.com/Angel-Kissed-Designs-Premium-Collection_c_709.html
https://www.katebackdrop.com/products/kate-christmas-santas-workshop-designed-by-arica-kirby

Links from Art (**Puppet Art Theatre Co**)

Softbox lighting kit
https://www.amazon.com/gp/product/B00KRN0SEI?pf_rd_r=KZP3M15JJ5HFQ2Y5TAWT&pf_rd_p=edaba0ee-c2fe-4124-9f5d-b31d6b1bfbee
Great Headset Mic (need a USB Sound Board to get the sound into the computer)
https://www.amazon.com/gp/product/B002S3YP80/ref=ppx_yo_dt_b_asin_title_o01_s00?ie=UTF8&psc=1
Good Computer for live-streaming
https://www.amazon.com/gp/product/B07RX2XXPR/ref=ppx_yo_dt_b_asin_title_o00_s00?ie=UTF8&psc=1
Stream Deck (I use it with OBS to activate various graphics and videos from back stage.)

References / Links

https://www.amazon.com/gp/product/B06XKNZT1P/ref=ppx_yo_dt_b_asin_title_o04_s00?ie=UTF8&psc=1

or stream deck mobile (https://www.elgato.com/en/gaming/stream-deck-mobile)

Cheapo but good HD Camera (You need a camera with an HDMI output)

https://www.amazon.com/gp/product/B01N7OAH3I/ref=ppx_yo_dt_b_asin_title_o05_s01?ie=UTF8&psc=1

Very Cheap LED par cans to use as accent lighting.

https://www.amazon.com/gp/product/B07W6VYLY3/ref=ppx_yo_dt_b_asin_title_o05_s02?ie=UTF8&psc=1

LED Studio Lighting

https://www.amazon.com/gp/product/B072Q42GXQ/ref=ppx_yo_dt_b_asin_title_o05_s03?ie=UTF8&psc=1

7" Monitor for backstage (It can flip the image horizontally)

https://www.amazon..com/gp/product/B01LWYSKYR/ref=ppx_yo_dt_b_asin_title_o05_s05?ie=UTF8&psc=1

Awesome Green Screen (an expensive route but worth it to me for the ease of use!)

https://www.amazon.com/gp/product/B0743Z892W/ref=ppx_yo_dt_b_asin_title_o09_s00?ie=UTF8&psc=1

Heavy Duty Moving Blankets (one dozen for sound proofing)

https://www.amazon..com/gp/product/B0855GGQ5V/ref=ppx_yo_dt_b_asin_title_o09_s00?ie=UTF8&psc=1

Elgato Capture Card (You need this in between your camera and computer)

https://www.amazon.com/gp/product/B01DRWCOGA/ref=ppx_yo_dt_b_asin_title_o05_s00?ie=UTF8&psc=1

ATEM Mini (Overkill but I love it! Switcher, up to 4 cameras, also acts as a chroma keyer and and capture card. Lots of YouTube videos show the features of this.)

https://www.bhphotovideo.com/c/product/1507214-REG/blackmagic_design_swatemmini_atem_mini_switcher_control.html

Sound Board (I have my good mike going into this and my music via my phone. MAKE SURE YOU GET ONE WITH A USB CONNECTION! the 502USB model has just a single mic input and should be cheaper than this model, the 802USB)

https://www.amazon.com/gp/product/B0856QVPKS/ref=ppx_yo_dt_b_asin_title_o00_s00?ie=UTF8&psc=1

References / Links

Links to Derek Lux's show from ([DLUX Entertainment](#))

Alice in Wonderland part 1
https://www.facebook.com/dluxentertainmentvegas/videos/215178653124993/?vh=e&d=n
Alice in Wonderland part 2
https://www.facebook.com/dluxentertainmentvegas/videos/240278673759831/?vh=e&d=n
Alice in Wonderland part 3
https://www.facebook.com/dluxentertainmentvegas/videos/1401901906648542/?vh=e&d=n

Peter Lintz Ernie set up that Christine mentioned!
https://www.facebook.com/585871274956363/posts/1306469849563165/?d=n