

Broadcast Like a Professional (from Home)





Easiest Way To Remember



James Bond - Roger **Moore**

Hometowns: Bath & London





Genuine photo.
No Photoshop.

Three Roles



Director of Online Learning
DePaul University Driehaus College of Business



Teaches Internet Marketing
Face-to-Face and online



Doctoral student
Still got that dissertation to do...

This Is How I Roll

I will talk fast (as if chased by the devil)
To leave plenty of time for Q&A
But you can ask questions along the way



Everything On My Website

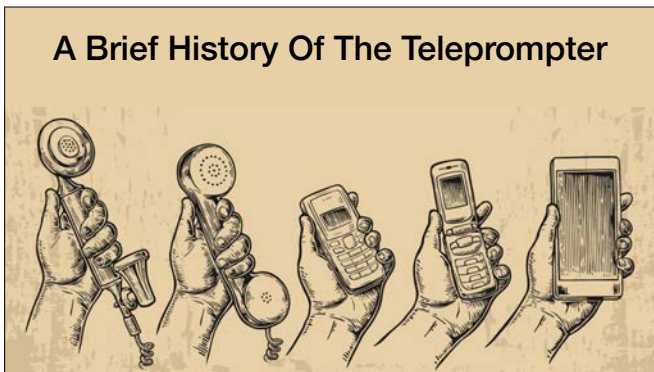
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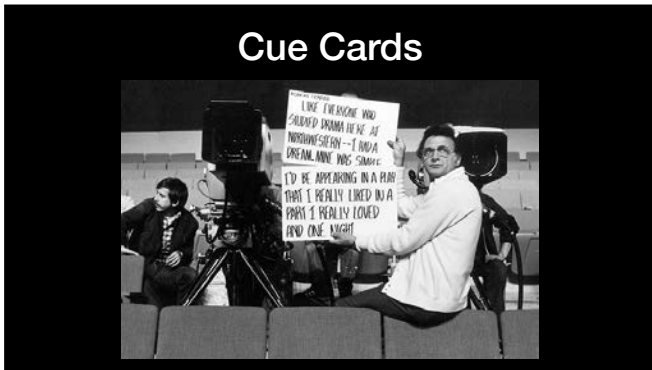
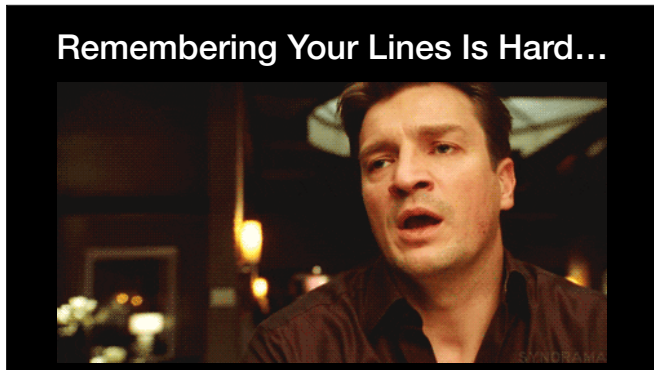
Problem





“TelePrompter” (a.k.a. autocue)

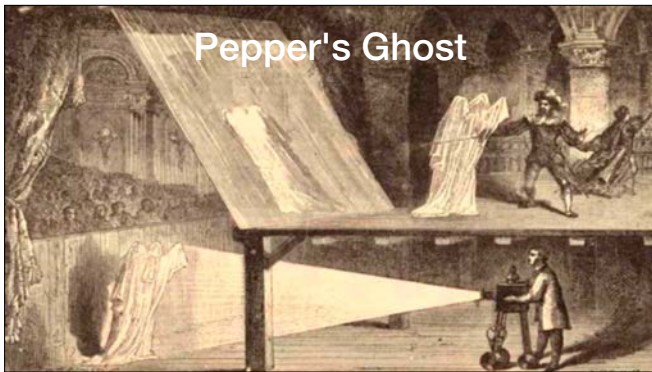




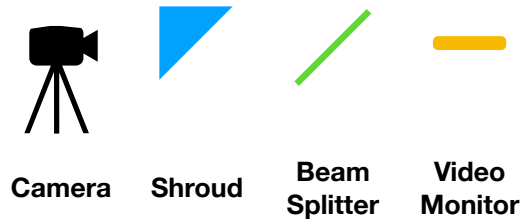
“Ways To End TV Fluffs”



Pepper's Ghost



How It Works



How It Works



What You See

We have our factory, which is called a stage.

We make a product, we color it, we title it and we ship it out in cans.







Basic Requirements

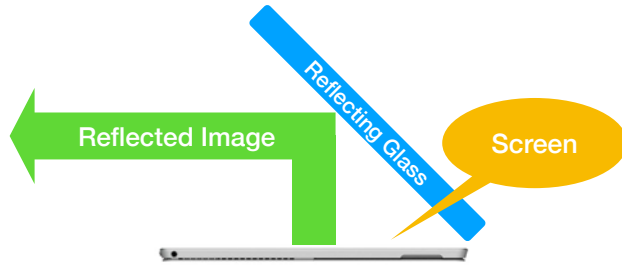
- Teleprompter
- Teleprompter software
- Teleprompter stand
- Camera
- Microphone

PHASE 1

Glide Gear TMP 50



How It Works



Display: The Mirror Effect

Beam Splitter Display
(text is mirrored)

We have our factory, which is
called a stage.
We make a product, we color it,
we title it and we ship it out in
cans.

Video Monitor Display
(text is upside down)

We have our factory, which is
called a stage.
We make a product, we color it,
we title it and we ship it out in
cans.

What Teleprompter Software Does

Beam Splitter Display
(the mirrored text is
mirrored - and legible)

We have our factory, which is
called a stage.
We make a product, we color it,
we title it and we ship it out in
cans.

Video Monitor Display
(text is upside down
and mirrored)

We have our factory, which is
called a stage.
We make a product, we color it,
we title it and we ship it out in
cans.

Teleprompter Software Limits

Most Teleprompter software merely mirrors text in a window

Not helpful if wanting to read Presenter Notes in PowerPoint or Keynote

My requirements are that the entire display is mirrored

Few software tools available

$$\lim_{x \rightarrow \infty} (\sqrt{x^2 - 2x} - x),$$

Idea 1: Windows Surface Pro

Beam Splitter Display



This is what I see

Video Monitor Display
(display needs to be mirrored)



This is what the laptop
display looks like

Idea 1: UltraMon

\$40 software tool (<https://www.realtimesoft.com/ultramon/>)

Flip mirrors the display both horizontally and/or vertically

Two major limitations:

Places system load on laptop and lowers framerate

Applies these settings to secondary display (but there is a workaround)

Mini DP - DisplayPort Display Emulator (dummy plug)

Scripting Ultramon to use the emulated display





Idea 2: iPad

Beam Splitter Display



This is what I see
(upside down &
back-to-front)

Video Monitor Display
(display needs to be
mirrored)



Actual Display

Idea 2: Luna Display

\$130 hardware and software device (<https://shop.astropad.com>)

iPad Teleprompter mode: Flip mirrors the display

Works wirelessly or via cable (Lightning or USB-C)

Works with Mac now, Windows soon

Note: M1 Macs currently limit number of external displays



Results

Beam Splitter Display



This is what I see

Video Monitor Display
(display needs to be mirrored)



Actual Display



Teleprompter Stand



Tripod

Vs.



**Microphone
Stand**

Gator Frameworks Microphone Stand



The heavier the base, the better

Remove boom arm

Requires mic stand adapter (5/8 to 1/4 adapter)

Camera



Camera

Vs.



Webcam

Microphone



Headset

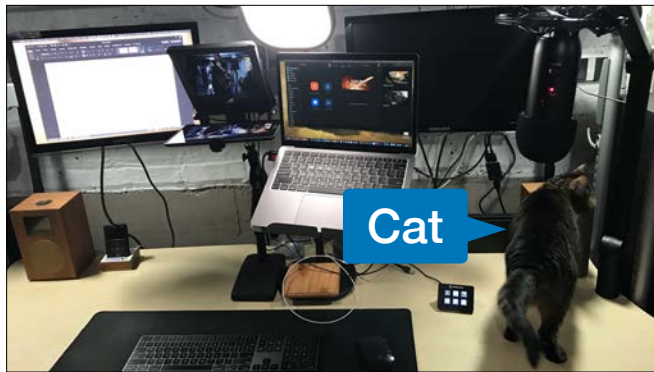
Vs.

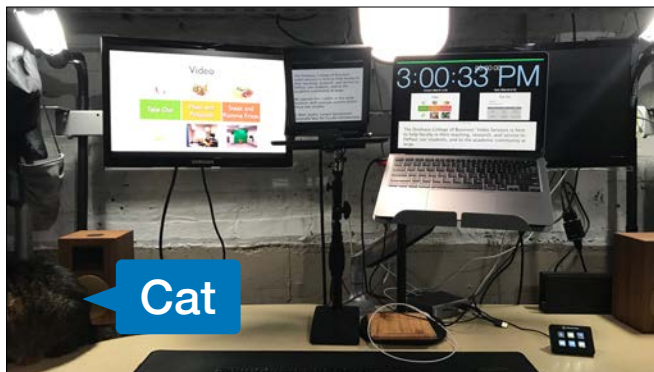


Microphone

Setup







Phase 1 Review

Larger Teleprompter preferable

Mobile Teleprompter preferable

Need to switch webcam status lights off

Need to be able to crop webcam image

Wired better than WiFi



Webcam
Status
Lights



PHASE
2

Larger Teleprompter



Glide Gear TMP 100

Dual Monitor Arms



Webcam



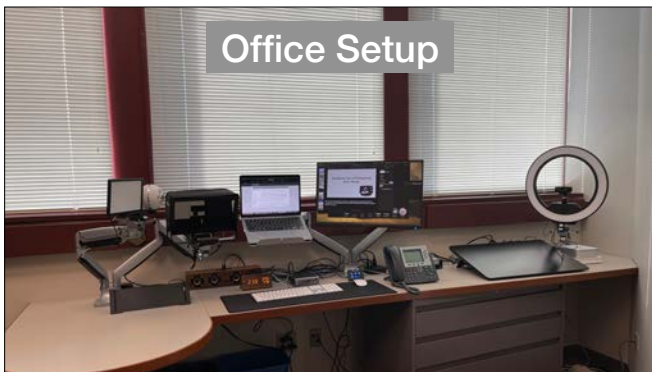
Logitech Brio

Setup



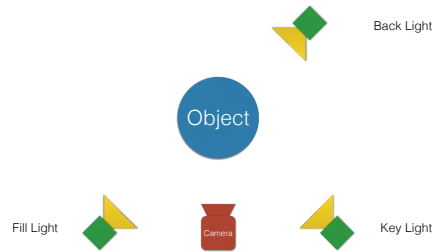


Office Setup





Ideal Lighting (Three-Point Lighting)



Elgato Key Light



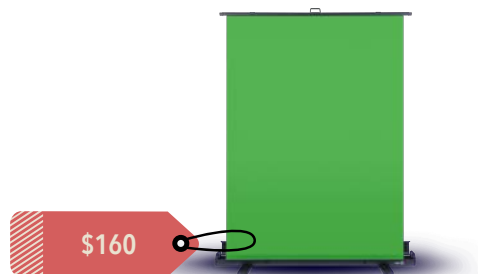
VILTROX L116T Key Light



For Travel: Logitech Litra Glow



Greenscreen



mmhmm



www.mmhmm.app

Stream Deck



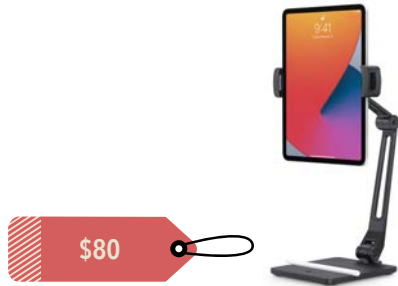
Clock



Document Camera: IPEVO DO-CAM HD

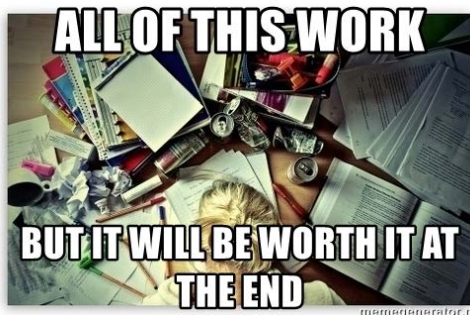


Hack: Smartphone/Tablet Stand



Hack: Smartphone & Box





Pre-Recorded

Live





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Questions?



References

- ♦ Life. March 12, 1951, pp. 131–134.
- ♦ Mayer, R. E. (2009). *Multimedia Learning* (Second ed.). New York: Cambridge University Press.
- ♦ Stromberg, J. (2012, October 22). A brief history of the teleprompter. *Smithsonian.com*. <https://www.smithsonianmag.com/history/a-brief-history-of-the-teleprompter-88039053/>.
- ♦ Zunitch, P. (2020). Should you use a teleprompter? *Videomaker*, 34(9), 52.

How to prepare for a Zoom meeting





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