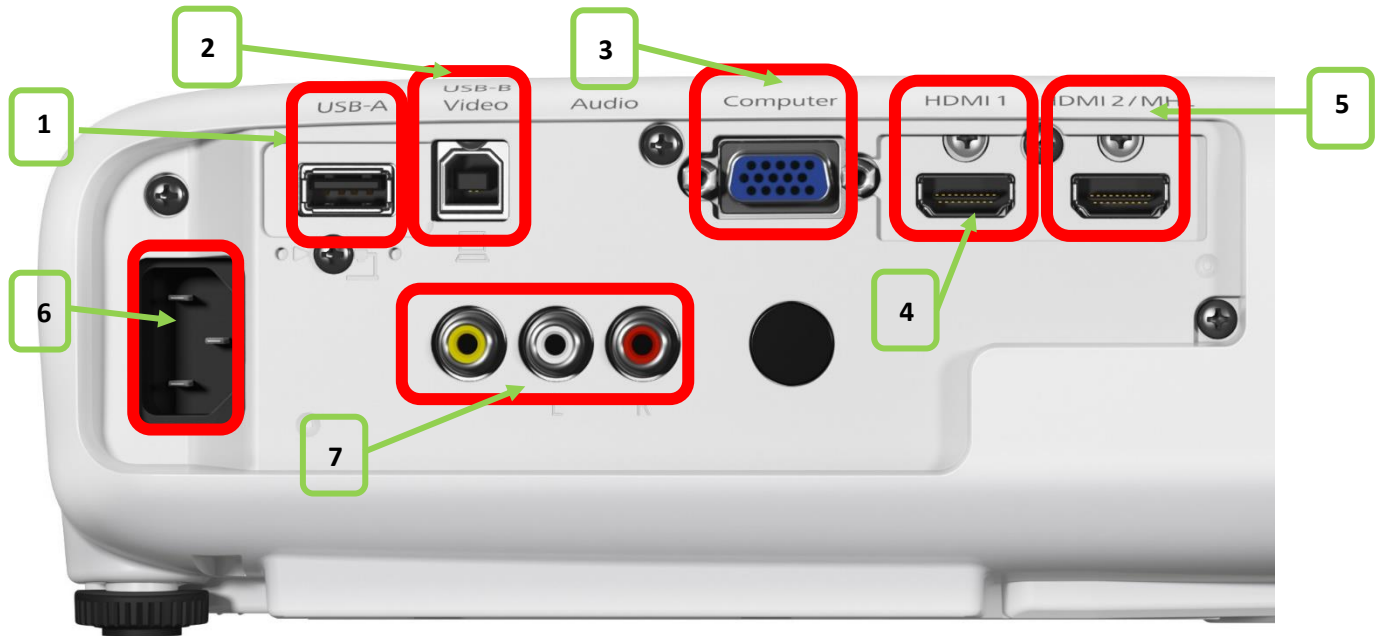


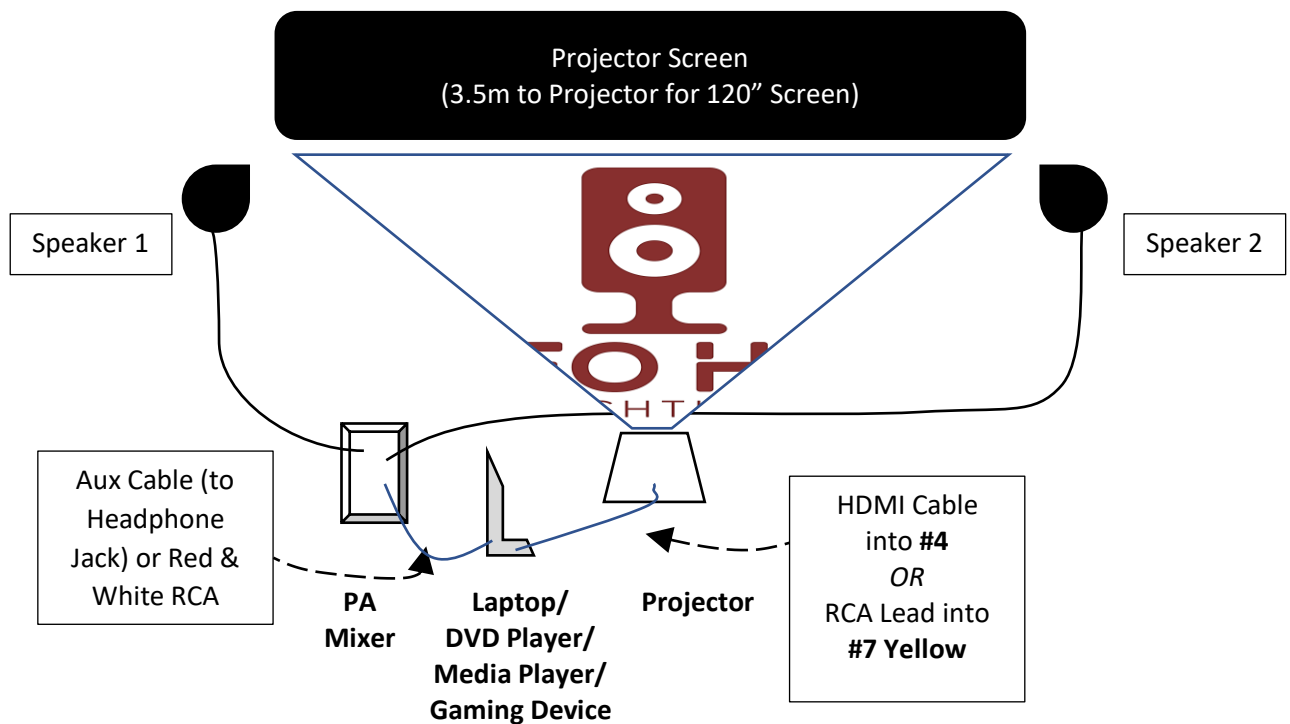
Connecting the Projector to Speakers and Video Input (Laptop/ Video)

Setting up a projector is pretty straight forward- there is a little trick with the sound if playing through a laptop via HDMI however. Of the picture below, you will just use the Power (#6) and 1 Input for AV- most likely the **HDMI 1 Input** (#4 below).



Important Bits

1	USB-A Input. (Note: This requires Epson's Plug and Play device. It will not play movies directly from a USB as it is not a media player)	2	USB-B Input.
3	Computer VGA Input.	4	HDMI 1 Input.
5	HDMI 2 Input.	6	Power Input. Plug the "kettle" cord into here.
7	Audio Visual (AV) RCA Inputs. This is where you connect the Video/ Picture input for a device with RCA outputs (generally gaming devices but some portable DVD players). The yellow input is the video. Plug this in if using RCA input. Plug the red and white outputs from your device into the PA. (Use 2 cords if easier.)		



Instructions

1. Inflatable Screen:

- Place the projector frame on the ground ensuring you have the enough space and height to inflate. For the 6m screen you will need approximately 7 m width.
- Plug in the fan and blow up the screen frame.
- Attach the screen to the Velcro
- Stand the inflated frame up.
- Ensure the guide ropes and pegs are secured in place.

CAUTION: The inflated screen is like a big sail. Place 90 degrees to any wind and/ or protected from the wind. There is a risk of damage and potential harm if not secured correctly or used in windy environments.

2. Pull-up/ Tripod Screen:

- Place the projector tripod on the ground, ensuring it is stable
- Connect the screen to the tripod via the latch. You will need to twist the red locking mechanism to open the latch.
- Ensure the locking mechanism is closed and pull the screen up and rest it on the top of the tripod stand.
- Adjust the bottom and top heights to desired height.

- Place the speakers on their stands in the most suitable space – generally in the corners, next to the projector screen. Run 1 speaker cable from each speaker to the mixer. (Refer to PA system instructions if needed.)

- Place the projector on its stand in the centre if possible.

i. Distance from Projector to Screen

120" Tripod Screen	3.5 Metres
Inflatable Screens	Dependent on space/ angle and size required.

- ii. It is possible to place the projector off centre and square up the picture using the keystone functions, however the more off centre it is, the more difficult this becomes and there is a limit to how far off centre the projector can go. It should be less than 30° off centre.
5. Plug the HDMI cable into your playback device (ie DVD/ Blue Ray player/ Laptop/ Gaming device/ Phone) using an adapter if needed.

Playback Device	Visual Cable Required
DVD Laptop Various Gaming Devices	HDMI Cable
Android	Adapter Cable to HDMI
iPhone	Adapter Cable to HDMI
Mac	Mac Adapter Cable to HDMI
DVD/ Blue Ray Player/ Gaming Device	Single RCA to Single RCA (Yellow)

6. Plug the sound/ audio cables into the mixer from your playback device's audio output.

i. **Audio Cable Type**

Playback Device	Auxiliary Sound Output - Cable Required
Laptop or Phone	Headphone Jack – 3.5mm Auxiliary Cable
Various – ie some DVD, BlueRay, Gaming consoles	Twin RCA to RCA Cable
Xbox One/ S	Toslink Optical Audio Cable and Digital to Analogue Adapter https://support.xbox.com/en-US/xbox-one/console/choosing-speaker-audio-output
iPhone 7/ X etc – ie Bluetooth devices without 3.5mm Headphone Jacks	Bluetooth Adapter or Lighting to 3.5mm

7. Plug all the power cords into the mixer and projector if not done so already.
8. Turn on the projector – it will take a couple of minutes to warm up.
9. Turn on your play back device and PA.
10. Ensure your playback device's volume is at least ¾ to maximum turned up.
11. When using a HDMI cable, your playback device will prioritise this as the sound output. This means you will most likely hear sound out of the projector speaker. What you will need to do is to use your playback device's audio output settings to prioritise the auxiliary sound output.

Windows Laptop: Follow the below instructions for other devices. The principles are the same.

If you are using a laptop, you will need to ensure your sound is being sent to the headphone jack. To do this on a Windows based laptop, you need to;

- i. Right click the speaker icon in the bottom right of your laptop.

- ii. Select "Sounds". It will bring up 4 different menu tabs. Select "Playback Devices"
- iii. Disable the HDMI cable (probably has a green tick next to it)
- iv. Select your laptop's speakers.
- v. This will then "send" the sound to the PA via the headphone jack, and picture to the projector via the HDMI cable.

TIP: Please refer to your user manual – or even Google – for Sound Menu Settings from your gaming device, DVD play or other output device. Freo Hire, while relatively knowledgeable about such things, does not know the specific menu settings for all devices, tablets and gaming consoles.

12. Adjust volume via the master volume dial on the PA.

Note: If you have an optical cable, you will need an optical cable to analogue adapter. Please advise me of this when you collect the gear so I can give you the adapter.

Indemnity – The Legal Bits – For the full Terms and Conditions of Hire, please see

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This information is provided as advice and guidance and is not exhaustive to all risks associated with using electrical equipment or projectors!

By hiring and operating this equipment, you confirm you have the ability to do so in a safe and appropriate manner. You (the Hirer) indemnify and hold indemnified the Company, (Freo Hire) its owners, servants and agents from and against all claims, actions, suits, demands and expenses in any way arising from injury, death, loss of income or damage caused to the hirer or its property, or any other third parties or property, in respect of equipment hired whether such loss or damage is occasioned by a defect in or use of the goods or anything otherwise.