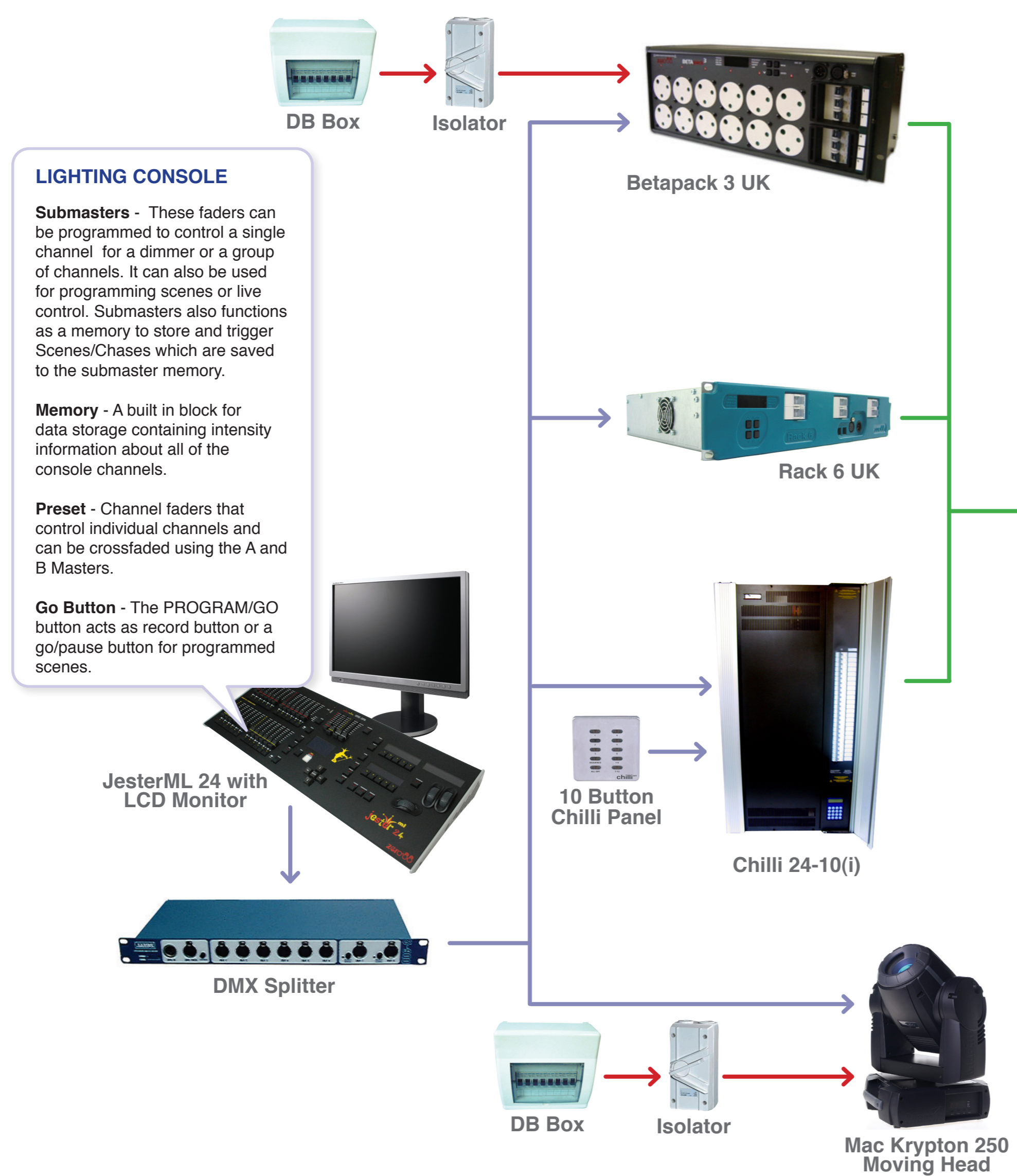


# STAGE LIGHTING



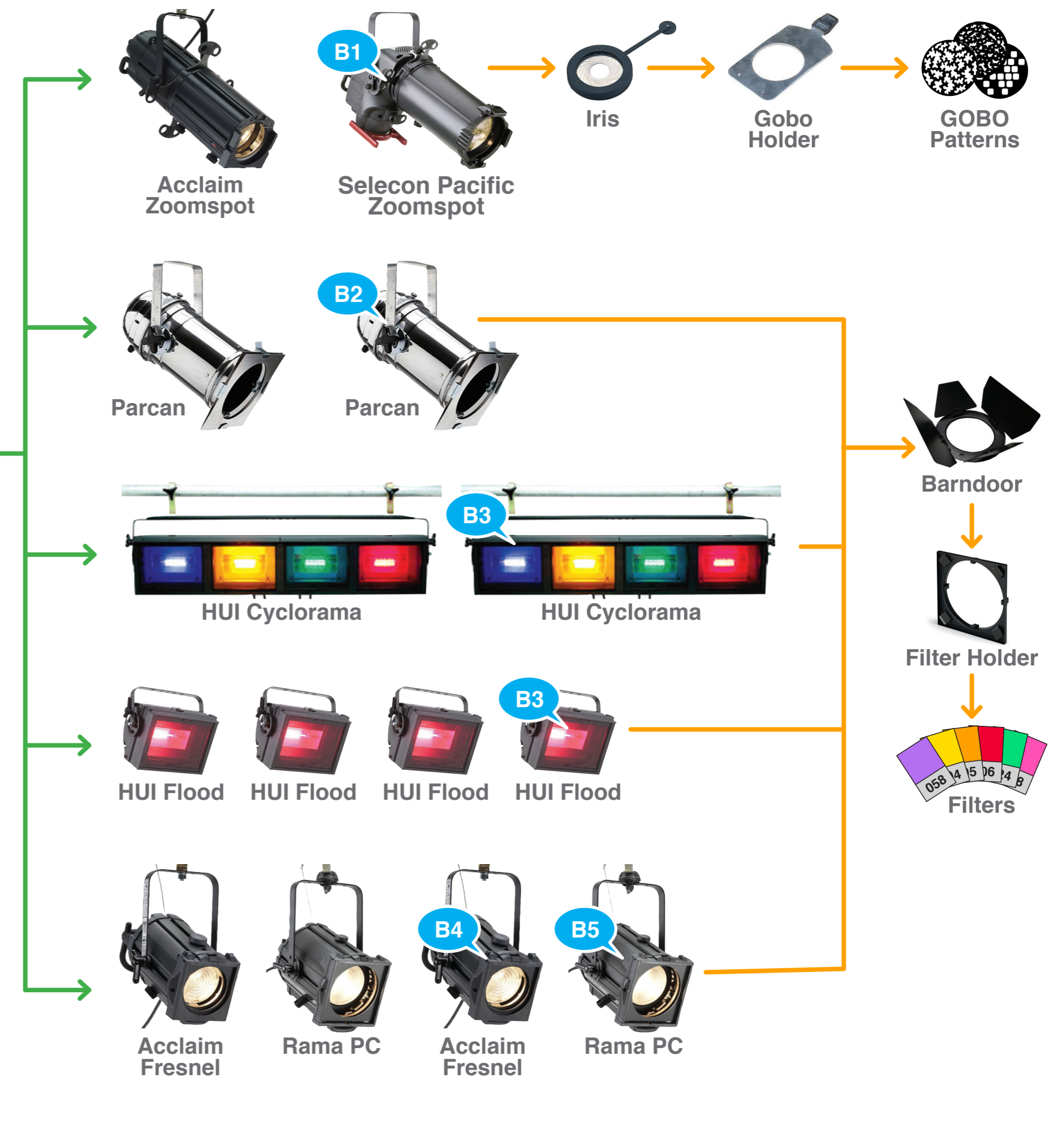
**LIGHTING CONSOLE**

**Submasters** - These faders can be programmed to control a single channel for a dimmer or a group of channels. It can also be used for programming scenes or live control. Submasters also functions as a memory to store and trigger Scenes/Chases which are saved to the submaster memory.

**Memory** - A built in block for data storage containing intensity information about all of the console channels.

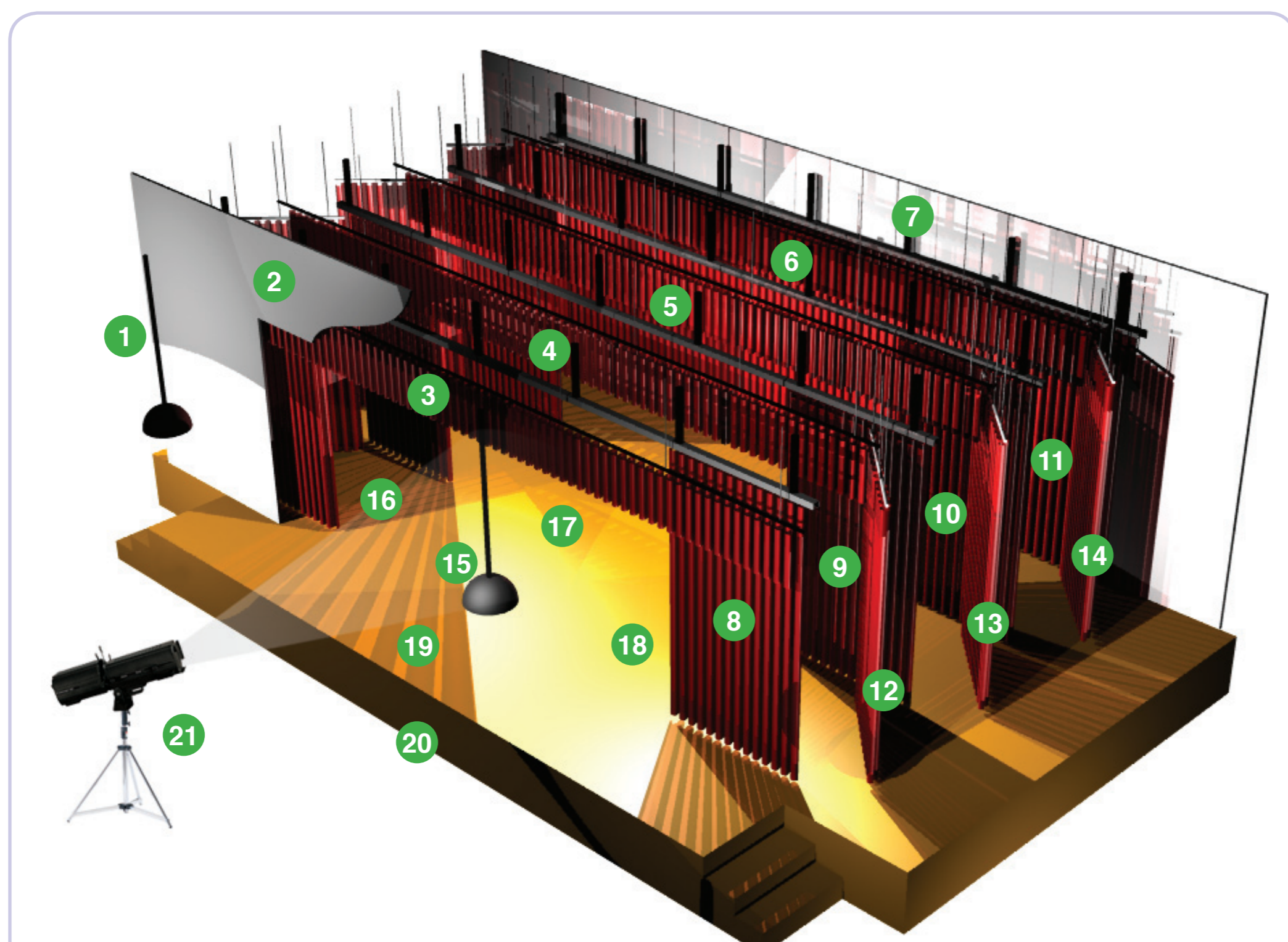
**Preset** - Channel faders that control individual channels and can be crossfaded using the A and B Masters.

**Go Button** - The PROGRAM/GO button acts as record button or a go/pause button for programmed scenes.



**LEGEND:**

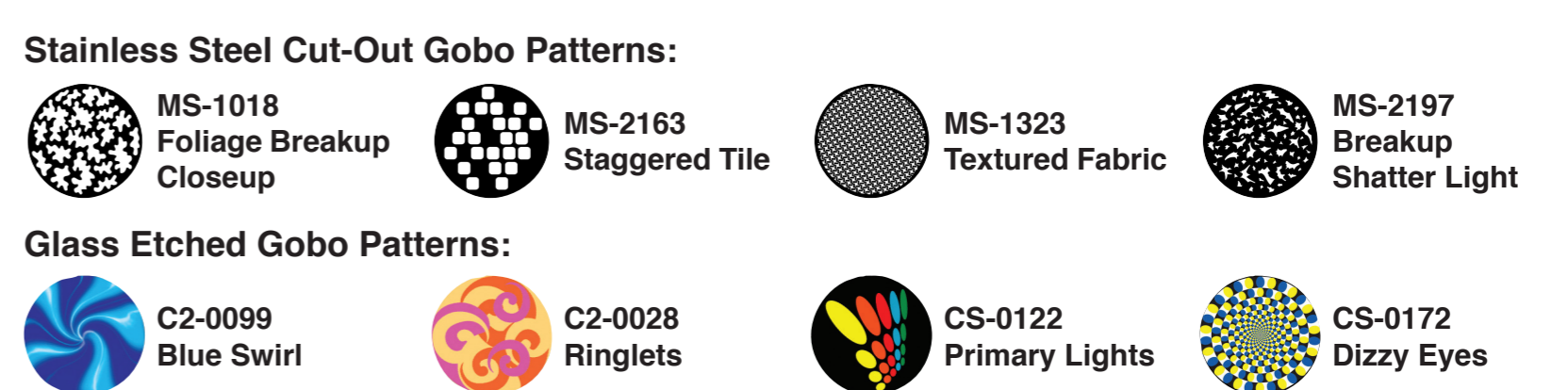
- Green line: Dimmable Supply
- Red line: Non Dimmable Supply
- Blue line: DMX 512 Control Signal
- Orange line: Accessories



- Typical Stage Layout consists of the following:**
1. House Lights
  2. Stage Proscenium
  3. Valance curtain
  4. Curtain borders 1
  5. Curtain borders 2
  6. Curtain borders 3
  7. Cyclorama Screen
  8. Main Curtain
  9. Center Curtain 1
  10. Center Curtain 2
  11. Backdrop Curtain
  12. Dress Legs Curtain 1
  13. Dress Legs Curtain 2
  14. Dress Legs Curtain 3
  15. Stage Center
  16. Stage Right
  17. Up Stage
  18. Stage Left
  19. Down Stage
  20. Stage Apron
  21. Followspot

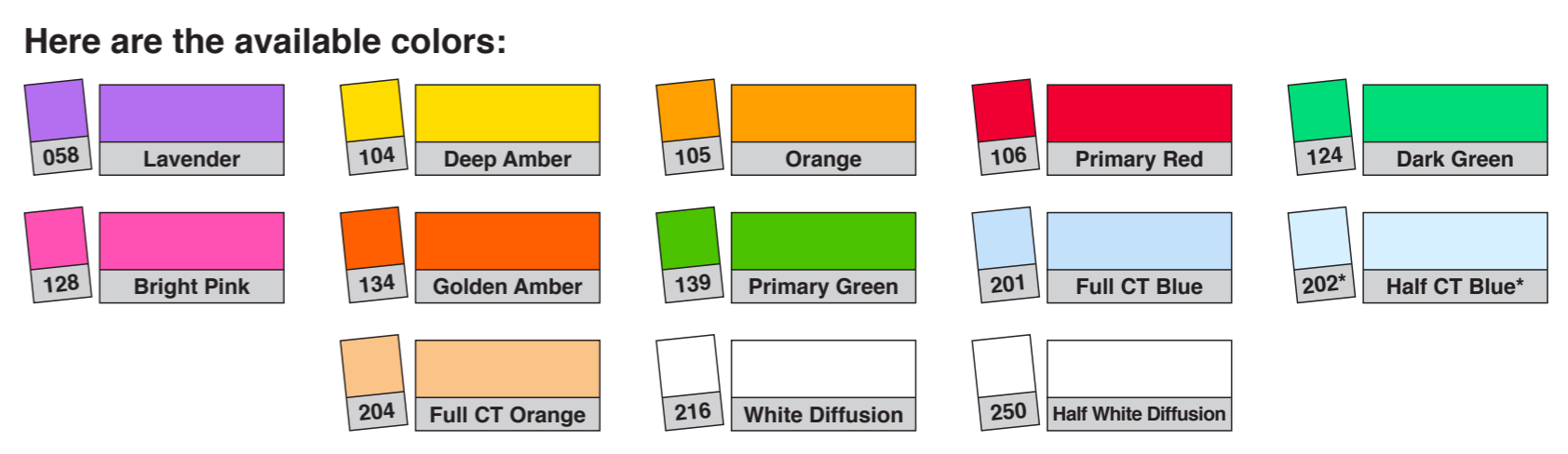
## WHAT ARE GOBOS?

Gobos are patterns for lights and come in a wide range of sizes. These Gobos are either made from Stainless Steel cut-outs or Glass etched. When the gobo is placed in a Gobo Projecting Lighting Fixture, it will project the pattern/image onto a wall or on a flat surface.



## WHAT ARE COLOUR FILTERS?

A Colour Filter or Colour Gel is a transparent colored material used in theatre, event productions, photography, videography and cinematography to color light and for colour correction.



\* For example by placing a LEE Filter 202 in front of a tungsten halogen lamped lighting fixture would change the warm light (3200K) into daylight (5600K). Warm Light is 3200K to 3600K & Daylight is 4300K to 5700K.

## A FRESNEL LENS VS A PLANO CONVEX LENS?



Images courtesy of Lee Filters, Apollo Design Technology, Philips Selecon and Zero 88. © Copyright Lighting Controls Pte Ltd.