



Chabuki Curtain Drop System

Component List



Controller



Chabuki Solenoid



Power Relay

(not included in all kits)



Indicator Light



NL4 Cable
(8' & 100')



Power Con to
Edison Cable 25'



Drape Clip



Chabuki Ring

Specifications

- Made in the USA
- Power: standard 120V 60Hz
- Dimensions: 4x4x8 inches (not including clamp)
- Weight of each unit: 7 lbs. (with clamp)
- A SINGLE UNIT can hold and release 720+ pounds
- Attachment clamp: 2" Mega-Coupler
- Safety cable with quick clip attachment
- A 10 unit system drops a 70' curtain regardless of height, weight or direction of pull, which may be important in outdoor venues where wind can be a factor.
- Chabukis are capable of a wide variety of release applications, they are not limited to just curtain drops.

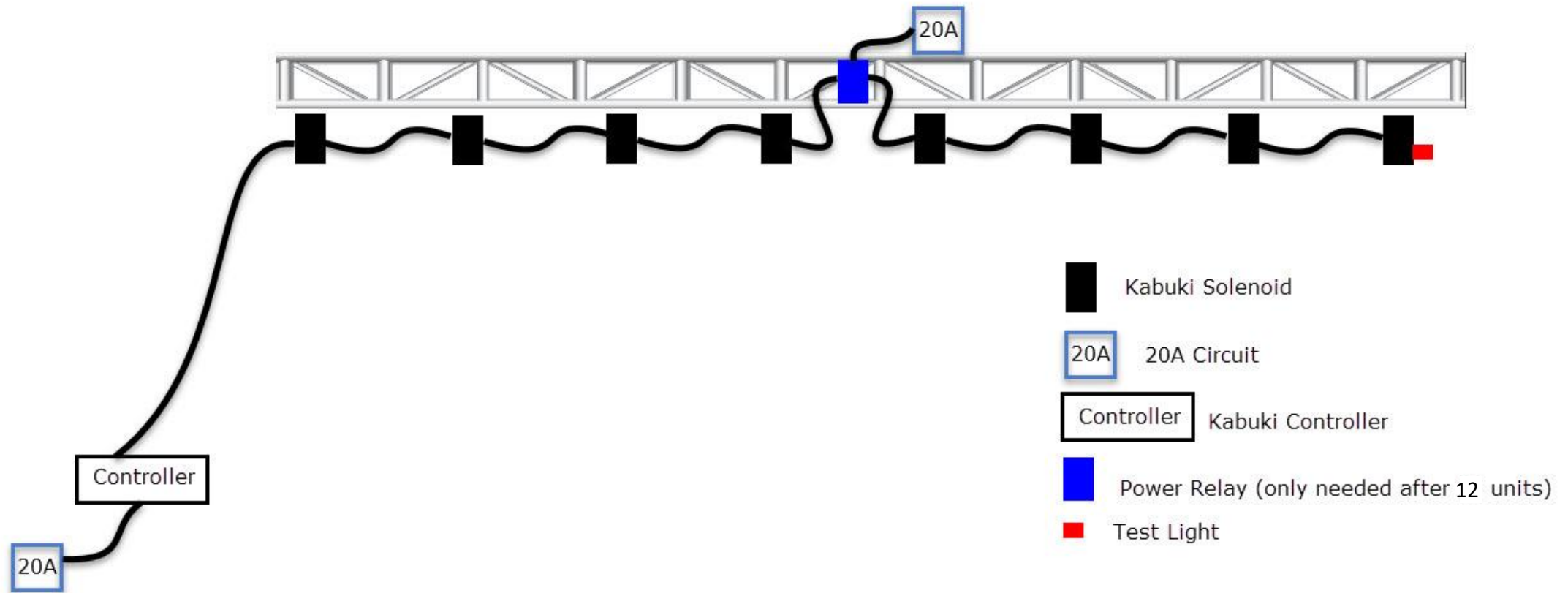


Specs Continued



- 2' Valence needed to hide all mechanics.

Sample Setup



Step 1

- Hang all Solenoids on your truss, on average 5' apart. This is just a suggestion on spacing, and based on your application you may want less space or more space
- As you're hanging the Solenoids, make sure they are all on the same channel (there is a small red toggle switch on the side of the unit, set all to 1). There is more about this feature at the end of these instructions



Step 2

- Locate the controller and Power Con to Edison Cable
- Plug power cable into the back of the controller and then plug it into a dedicated 20A circuit
- The green power light on the controller should illuminate



Step 3

- Plug in the 100' NL4 cable into Channel A of the controller and run to the first Chabuki Solenoid.
 - It does not matter what side of the Solenoid you plug into



Step 4

- Daisy chain all of the Solenoids together using the 8' NL4 Cables



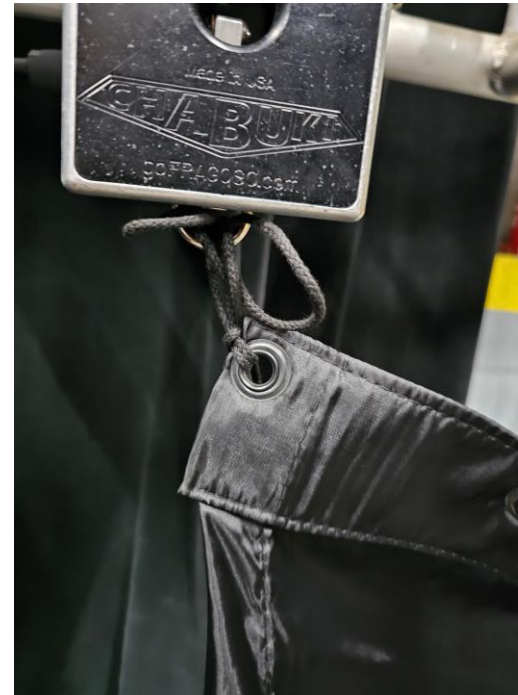
Step 5

- Plug the Indicator Light into your last Solenoid
- Flip the ENABLE switch on the controller
- The Indicator Light should illuminate indicating you have continuous power through the entire system
- Flip the ENABLE switch off



Step 6

- Attach your Curtain via 2 options
 - Drape Clip - if your curtain does not have ties/grommets
 - Zip tie the drape clip directly to the Ring and then attach the clip to your curtain
 - Tie directly to the Chabuki Ring



Step 7

- Insert each Ring into its respective Solenoid
- This is done by depressing the small lever inside the circular hole in the front of the Solenoid



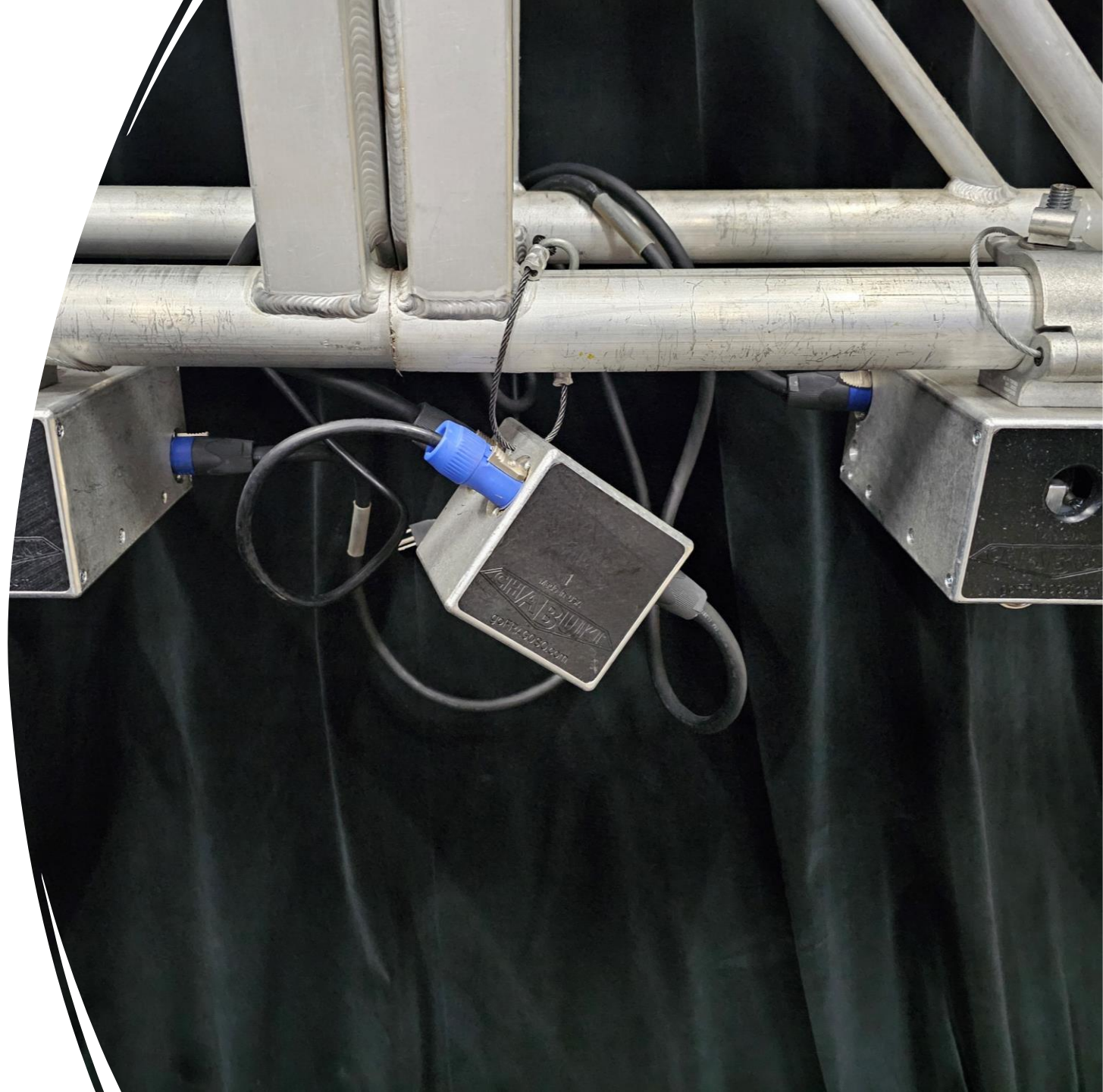
Step 8

- Go back to the controller and flip the Enable switch to enable power to the system
- Depress Button 1A when you are ready to release your curtain
- That's it!



Additional Notes

- On systems with more than 12 Solenoids, you must put a Power Relay inline between units 12 and 13. You will also need to plug this into an additional dedicated 20A circuit. This relay will reenergize the remaining Solenoids. Without the relay in place, you run the risk of not enough power reaching the end of your drop, consequently not activating Solenoid(s)



2 Channel System

- This system has the ability to do 2 separate drops without the need for additional cabling or controller (you will need additional solenoids). Each Solenoid has a selector switch on the side that designates which channel will activate that unit.
 - example: If you had a 10-unit system and you alternated the units between channels 1 and 2. When you push the 1A channel, the 1, 3, 5, 7 and 9 units would drop. The 2, 4, 6, 8, and 10 would only drop once you push 2A



Chabuki Power Requirements

The Chabuki system that we provide is reliant on dedicated power to function properly. If you do not have DEDICATED circuit(s), there is a risk that the solenoids will not fire as intended. To clarify, a DEDICATED circuit means that no other equipment can be plugged into the circuit except the Chabuki components. Below is a list of the power requirements to use as a guideline. We encourage you to ask questions if you are unsure.

- 1-12 Solenoids (typically up to 50' drop) (1) 20A Dedicated Circuit
 - 13-24 Solenoids (typically 51' - 100' drop) (2) 20A Dedicated Circuits
 - 25-36 Solenoids (typically 101' - 150' drop) (3) 20A Dedicated Circuits
- Please consult with your sales representative if your drop is over 150'

*please note, that on the longer drops, some of the power drops would have to be run along the truss in order for the power relays to be plugged in. On the drops up to 12 solenoids, the power can be dropped anywhere the controller will be. Below is a sample setup showing a 20A circuit on the ground and another on the truss

