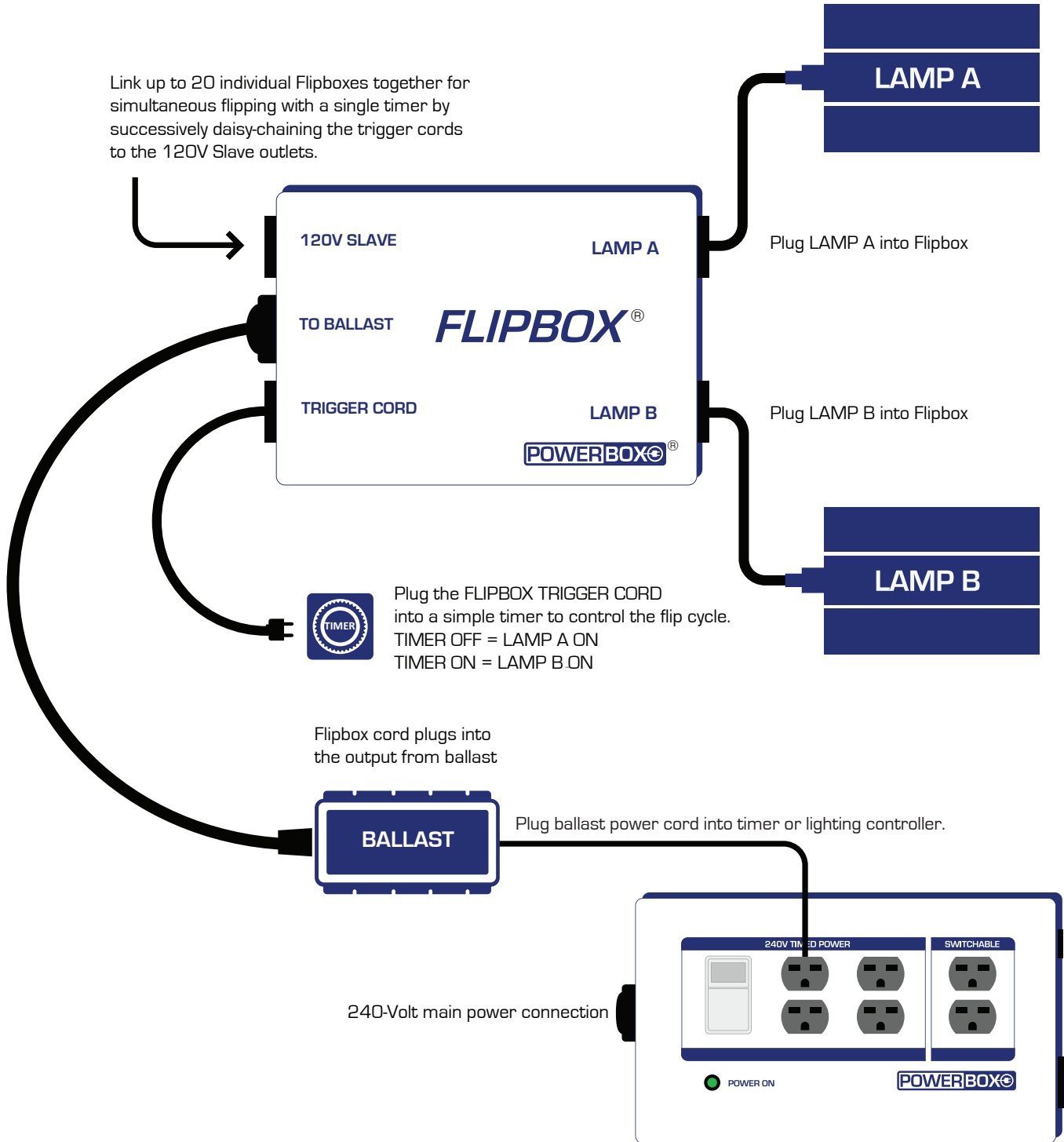


## ORIGINAL FLIPBOX HOOKUP DIAGRAM

Link up to 20 individual Flipboxes together for simultaneous flipping with a single timer by successively daisy-chaining the trigger cords to the 120V Slave outlets.



## **IMPORTANT COMPATIBILITY INFORMATION:**

POWERBOX™ FLIPBOXES® work with virtually any H.I.D. ballast, be it magnetic or digital/electronic. Some ballasts, however, may require additional steps to function properly. If you are using Lumatek, Nextgen, or Phantom digital ballasts, or if your ballasts are having trouble switching, you must observe the following instructions in BOLD lettering.

**Some digital/electronic ballasts contain an 'error sensing' circuit that is meant to detect if there is a bulb failure. In the event of a bulb failure, the ballast will shut itself down and not restart until the user unplugs the ballast to reset it. When running with Flipboxes®, these ballasts often misinterpret a light switching cycle as a dead bulb, and they shut themselves off. This problem is easy to remedy by following a few simple steps:**

- 1). With your lighting controller, or timer, program so that your ballast(s) turn OFF 5 minutes before you will be initiating the light switching (FLIP) cycle. (For Instance: If your light switching cycle occurs at 12:00PM, then program the ballast(s) to turn off at 11:55AM.)**
- 2). Program the Flipbox® timer to initiate the changeover (FLIP) at 12:00PM.**
- 3). Program your lighting controller, or timer, to turn the ballast(s) back ON at 12:05PM.**
- 4). Repeat this procedure for the AM cycle (Ballasts OFF at 11:55PM, FLIP at 12:00AM, Ballasts ON at 12:05AM).**

**If your ballast(s) are having trouble igniting a lamp after switchover, you must observe the above instructions to ensure the trouble-free operation of your ballasts with the Flipbox®.**

## **INSTALLATION:**

- 1.) Mount Flipbox to a secure location before connecting wires.
- 2.) Plug cord coming from Flipbox marked "TO BALLAST" into your ballast where the lamp would normally plug in.
- 3.) Plug two lamps into the right side outlets marked "LAMP A" and "LAMP B."
- 4.) Plug the included trigger cord into the left side inlet labeled "TRIGGER CORD."
- 5.) If using multiple Flipboxes together, plug the trigger cord from the first Flipbox into the outlet marked "120V SLAVE" on the second Flipbox. Repeat this process with each successive Flipbox (up to 20 in a chain) until you get to the last one. Be sure that all trigger cords are fitted firmly.
- 6.) Plug the trigger cord (or the last trigger cord in a multiple Flipbox setup) into a simple 120V wall timer (not included). When ballast power is applied, "LAMP A" will ignite by default. When 120V power is applied to the trigger cord (TIMER ON), the Flipbox will switch-over to "LAMP B." Set the TIMER ON time for the time you would like to switch-over to "Lamp B." Set the TIMER OFF time for the time you would like to switch back to "LAMP A."
- 7.) Plug in your ballast. If timer that the trigger cord is plugged into is currently ON, "LAMP B" will be lit. If timer is currently OFF, "LAMP A" will be lit.

**If you experience problems switching from Lamp A to Lamp B, refer to "IMPORTANT COMPATIBILITY INFORMATION" above.**

**WARNING: NEVER PLUG YOUR BALLAST INTO THE OUTLET MARKED "120V SLAVE." THIS OUTLET IS RESERVED STRICTLY FOR DAISY-CHAINING MULTIPLE FLIPBOX TRIGGER CORDS TOGETHER.**

**WARNING: MAKE SURE ALL PLUGS ARE FIRMLY FITTED INTO OUTLETS.**

**WARNING: DO NOT OPERATE UNLESS LAMPS ARE PLUGGED INTO BOTH OUTLETS "LAMP A" AND "LAMP B." DO NOT MISMATCH LAMP WATTAGES & TYPES. IF YOUR BALLAST IS A 1000W HPS, YOU MUST PLUG IN TWO 1000W HPS BULBS INTO THE SOCKETS.**

**WARNING: WHEN FLIPBOX IS CHANGING BACK-AND-FORTH BETWEEN LIGHTS, SOMETIMES THE BALLAST WILL NOT IGNITE THE LAMP ON THE FIRST TRY. THE BALLAST WILL MAKE ADDITIONAL ATTEMPTS TO IGNITE THE LAMP. THIS MAY TAKE ANYWHERE FROM ONE TO TEN MINUTES - BE PATIENT.**