



PYROWIZARD FLASH WAND

Catalog No. MG11

Read these directions very carefully. This product uses flammable material and is for professional use only. The manufacturer is not responsible for any injury or liability that is the result of the user's failure to follow the specific instructions stated below.

Directions:

Your Flash Wand consists of four parts: The Main Wand Assembly, the Brass Barrel with a built-in glo-plug, a Battery Spacer, and a hollow brass barrel with plastic tube (the "Barrel Tool"). Be sure to assemble your wand as outlined below:

Much like putting batteries into a flashlight, insert one "AA" alkaline battery (not included) and the Battery Spacer so that the positive terminals (nipple ends) are pointing up. Now insert the brass barrel (glow-plug end first). Use the brass end of the barrel tool to push the barrel into your wand snugly. (The barrel should recess within the end of the wand approx. 1/8 to 1/4 inch, hiding it from view)

Without loading the wand, tap the black firing button and look into the barrel. You will see a glowing coil similar to the one in an automobile cigarette lighter. This glowing coil is the glo-plug. The fact that it glows tells you that the batteries are operational and that the glo-plug is in good working order. Depressing the button for too long of a duration may shorten the life of your glow plug.

Take a tiny pinch of dry Flash Cotton, fluff it up, and insert it into the wand. Use a blunt instrument to press the cotton against the glo-plug coil. (The eraser end of a pencil works well for this.) Don't use a pointed instrument because the glo-plug coil can be easily damaged. Now take a piece of dry Flash Paper 3" or 4" square, loosely ball it up, and insert it into the wand. Use a blunt instrument to gently press the Paper up against the Cotton. **Please Note:** failure to use dry Flash Cotton and dry Flash Paper will result in a miss-fire and damage to the glo-plug.

The Flash Wand is now ready to fire. From this time forward, **do not point the wand at any person or flammable object.** Hold the Wand in your hand and, using your thumb, press the button to fire the Wand. A ball of fire streaking out of the Wand will result. *Wizard Tip: The distance the fireball travels is dependent upon how much Flash Paper is used and how tightly it is balled up. Experimenting with different variations will result in different distances/effects. The amount of Flash Cotton does not change. Only use a tiny amount!*

To replace the battery, insert the plastic tube end of the Barrel Tool into the wand. It will grab the brass barrel and allow you to pull it out. Insert the new battery and replace the Battery Spacer and Barrel as detailed above. Do not lose the Battery Spacer, as it is required for the wand to function properly. Note: The barrel is not completely round, but is oval shaped. This is to insure a tight fit and a good electrical connection to the ground on the wand body. After use, the barrel will gradually take on a round shape and become loose. If needed, use a wooden mallet to gently tap on the end of the brass barrel, causing it to return to an oval shape and "grip" the inside of the wand.

Caution:

Never look into the barrel when the Wand is loaded. Never fire at people, animals or flammable objects. Never stick your finger into the barrel. Conduct a preliminary test in a safe location - the fireball can travel up to 20 feet.

NEVER USE FLASH POWDER IN THIS DEVICE !! An explosion will result.

Tips:

If the glo-plug burns out, it can be easily replaced by screwing it outward from the brass barrel (counter-clockwise) with a small wrench. Don't over tighten the new plug.

If the Paper shoots out without lighting (crating a "POP" but no fireball), you used too much Cotton! Only use a TINY pinch!!!

If Cotton is unavailable, a small wad of Flash Paper can be substituted. (*Using without Flash Cotton will decrease the life of the glo-plug.*)

Warning:

Read these directions carefully and follow them exactly. Misuse is dangerous. The manufacturer is not responsible for any injury or liability that is the result of the user's failure to follow the specific instructions stated above. This product is manufactured without any warranties, express or implied. It is for professional use only. It is not sold to minors. For more information, consult the technical manual "Special Effects with Fire and Smoke" available from us or your dealer.

DANGER! USE AT YOUR OWN RISK!

NFPA 1126 Compliance Statements:

This product is intended for indoor use. It creates a streaking flash of fire with no smoke. An SDS is not applicable. It is manufactured by Theatre Effects, 1810 Airport Exchange Blvd, Suite 400, Erlanger KY, 859-647-8844

IMPORTANT FACTS YOU SHOULD KNOW ABOUT GLO-PLUGS

Here is vital information on how to keep your glo-plug working at peak performance, and what to look for if a malfunction occurs.

1. There are two types of glo-plugs: 1.5 volt and 3 volt. The 1.5 volt is for use in all single battery devices and the 3 volt is for use in all double battery devices. If the wrong glo-plug is installed in a device, it will either burn out, or burn very dimly - inadequate for ignition.
2. We've found that alkaline batteries last the longest and give your glo-plug the most firing power - usually 30 to 40 firings before your glo-plug grows dim and battery replacement is necessary. We DO NOT recommend Duracell brand batteries.
3. Our glo-plugs usually last 30 to 40 firings before replacement is needed (due to corrosion and/or crushing of the inner wire). To remove the glo-plug, remove the barrel from the device (including any connecting clips, if used). Then turn out the glo-plug counter-clockwise with a small wrench or pliers. Theatre Effects glo-plugs have a special size threading and hobby store ones won't fit. Replacements are available from your magic dealer or directly from us.
4. If your device doesn't fire, first extract the paper and check the glow coil. A dim glow indicates weak batteries or that your glo-plug may have been crushed. To correct the problem, remove the glo-plug, and with a straight pin, carefully lift the center coil upward so that it's level with the top surface. If the platinum wire breaks, a new plug is needed.
5. Flash Cotton is an excellent primer for all glo-plug devices. Take a tiny pinch of dry Flash Cotton, fluff it up, and insert it against the glo-plug coil before inserting Flash Paper. NOTE: If your Paper pops out without lighting, you're using too much Cotton. Since Cotton ignites more easily than Paper, your glo-plug and battery will last much longer when Cotton is used as a primer.
6. For the best reliability, use only Theatre Effects/Pyrowizard brand Flash Paper in your device. Don't use Flash Strips - use one piece of Flash Paper instead of many small pieces.

Never use Flash Powder in a glo-plug device. (And never ever use Flash Powder in a handheld device.)

7. Barrel cleaning is a must if you want good results from your product. Burnt Flash Paper builds up a sticky residue inside your device's barrel. This buildup causes slow lighting and great restriction to your projecting fireball. To clean, remove the glo-plug and brush out the barrel with a stiff wire brush. Round wire brushes can be found at most gun, plumbing, and hardware stores; buy one that fits your barrel size. Twist the wire brush inside your barrel until the inside becomes clean and shiny. When your barrel is clean, it will use less paper and shoot much farther. Re-install the plug, and you're ready to go.
8. Flash Guns, Hand Flashers, and Spark Ejectors also have a plastic insulating washer that fits between the glo-plug and the glo-plug clip. It prevents the glo-plug clip from touching the "nut" of the glo-plug. (Flash Wands do not use a glo-plug clip and do not require the plastic insulation washer.)

The nut is the electrical "ground" for the glo-plug, while the center shaft is the "hot". If the hot and the ground are shorted together by the clip, your device won't fire. If you lose your plastic insulating washer, you request another from us or find a substitute. Meanwhile, your device will still work if you don't push the clip on so far that it touches the base (nut) of the glo-plug (i.e., the clip should only make electrical contact with the glo-plug's center shaft). To make your own replacement "washer," Simply cut a 1/4 inch square out of a piece of electrical tape and poke a hole in the center. Push the nipple of the glow plug through the hole. The adhesive will attached to the body of the glow plug and act as a great insulator. The best part: it won't accidentally fall off.