



RES Specialty Pyrotechnics

MAGIC IN THE AIR

BIG SHOT, All Sizes & Colors **INSTRUCTIONS FOR USE**

WARNING!

Not for consumer use.

RES Specialty Pyrotechnics Inc. products are for professional use only by licensed operators familiar with the use of these products. User assumes all liability. User also is responsible for use, storage and transportation in compliance with all local, state and federal laws. Misuse may result in injury and possible criminal penalties. Refer to our "Safety Guidelines" sheet for further information.

DISCLAIMER

RES Specialty Pyrotechnics Inc. makes no guarantee or warranty. Our products are sold under the condition that the user will evaluate them to determine suitability for their intended use.

Device Description:

A Big Shot is a pre-loaded pyrotechnic device that produces a short duration plume of sparks with little or no fallout. Big shots have a longer duration than Quick Shots and a higher spark plume. These devices come with an electric match pre-installed in the device. Color, size and duration are listed on the device label.

Always pay attention to the "This End Up" indicator arrow on each device label. This indicates the direction the effect will be projected.

Remember! A Big Shot needs at minimum, an overhead clearance height 1&1/2 times higher than the stated height on the device label. Example, a Big Shot with a 40 ft height needs at least 60 ft of overhead clearance.

Big Shots can be positioned to fire vertically, at an angle or arranged in "fan patterns".

CAUTION! When fired at an angle, fallout and clearance requirements will increase.

Always test fire Big Shots in a safe area, preferably outdoors to familiarize yourself with the performance of the device and to determine if the device can be used safely.

Always wear safety glasses when handling pyrotechnics!

Do not remove device from its' plastic bag until just before using. The desiccant in the sealed bag prevents moisture from degrading the product.

INSTRUCTIONS FOR USE

- 1) Disable firing system.
- 2) Place Big Shot in a secure holder paying attention to the "This End Up" marking on the device label. Do not over-tighten set screws as this can damage Big Shot and cause a malfunction.
- 3) Position device so it can function safely. Check separation distances from people and flammable objects. Ensure operator can observe device where it is placed.

Testing the Device

- 1) Check to be sure firing system is disabled.
- 2) Connect electric match leads to firing system.
- 3) Check to be sure device is safe to test by ensuring people and property are at a safe distance should an accidental ignition occur. Warn others in the area that a test is taking place.
- 4) After determining the test can be conducted safely, test your circuit according to the firing system manufacturers' instructions for testing.
- 5) Disable firing system after testing.

Firing the Device

- 1) Ensure that the device can be fired safely.
- 2) Make sure operator can observe the device being fired.
- 3) Enable firing system
- 4) If device can be fired safely, fire according to firing system manufacturers' instructions for firing.
- 5) Disable firing system after firing device.

Additional information and guidelines for the use of proximate pyrotechnics can be found in NFPA 1126 "Standard for the use of Pyrotechnics before a Proximate Audience".

RES Specialty Pyrotechnics Inc. is happy to answer any questions you may have concerning our products.

Please call us Monday through Friday, 9AM until 5PM at 952-873-3313. You may also e-mail us at info@respyro.com.