



CROSSETTE MINE SERIES 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 is responsible for use, storage and transportation in compliance with all local, state and federal laws. Misuse may result in injury and damage to property. 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:

Crossette Mines are pre-loaded pyrotechnic devices. These devices propel burning pellets of composition (stars) into the air. A small bursting charge breaks each star into an ✕ or Cross pattern at their apex. These devices come with an electric match pre-installed in the device. Color and size are listed on the device label.

Always pay attention to the orientation arrow on each device label. This indicates the direction the effect will be projected.

Remember! A Crossette Mine needs at minimum, an overhead clearance 1.5 times the stated height on the device label from flammable materials. Also see NFPA 1126 for additional separation parameters. Example: a Crossette Mine with a 100 foot height needs at least 150 foot overhead clearance.

Additionally, a horizontal separation of 2 times the break diameter of the star must be maintained. For example, a break diameter of 40 foot requires a minimum 80 foot separation from people or flammable objects.

CAUTION! Crossette Mines must only be fired in the upright position as indicated to function properly.

Always test fire a Crossette Mine in a safe area, preferably outdoors, to become familiar with the performance of the device and to determine if the device can be used safely.

CAUTION! Do not disassemble or modify. Accidental ignition, fire or injury may result!

Always wear safety glasses when handling pyrotechnics!

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

SETUP DEVICE

- 1) Disable firing system.
- 2) Place Crossette Mine in secure holder. Pay attention to the orientation arrow on device label. **Do not over-tighten set screws as this may damage the device 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.

TEST DEVICE

- 1) Confirm firing system is disabled.
- 2) Connect electric match leads to firing system.
- 3) Ensure device is safe to test. People and property must be at a safe distance should an accidental ignition occur. Warn others in the area that a test is taking place.
- 4) Test circuit according to the firing system manufacturer's instructions.
- 5) Disable firing system after testing.

FIRE DEVICE

- 1) Confirm that the device can be fired safely.
- 2) Confirm operator can observe device being fired.
- 3) Enable firing system.
- 4) Fire device according to firing system manufacturer's instructions.
- 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 available to answer any questions you may have concerning our products. Please call us Monday through Friday, 8AM until 4PM at 952-873-3113. You may also e-mail us at: info@respyro.com.