Services

For generations, Melrose Pyrotechnics has been creating celebrations for loyal audiences everywhere. Melrose Pyrotechnics is the place technology meets tradition. We deliver an unparalleled brand of passion plus talent, powered by the best and brightest in fireworks techniques.

Traditional Displays

Whether you are planning a Fourth of July celebration, wedding reception, company party, or anything in between, you can be assured that Melrose Pyrotechnics will provide you with a fireworks display that will fit your budget and surpass your expectations.

When it comes to traditional fireworks displays, Melrose Pyrotechnics is second-to-none. From your first meeting with our event producers to your display's grand finale, our team of professionals will be with you every step of the way.

Every Melrose Pyrotechnics display is customized and individually designed for your event. We hand-select each pyrotechnic device that we use in your program, which allows us to create and present customized scenes of color and special effects throughout your entire display.

Our commitment to you and your show is unprecedented in the fireworks industry, and it doesn't end with the fireworks display. We personally ensure that all ancillary details prior to and after the show are addressed in a professional manner.

Sports Entertainment

Whether it's celebrating team introductions, opening ceremonies, delivery of the National Anthem, a stunning achievement, or the culmination of a high-powered sporting event, a fireworks production is the extra dimension that sends crowds into ecstasy.

Fireworks in the arena, fireworks night at the stadium, and fireworks in the ballpark rank among our most high-demand venues. Major sports leagues around the nation, including the NFL, MLB, NBA, Nascar, and NCAA, call on Melrose to deliver the celebration factor like no one else can.

Melrose PYROTECHNICS®

Pyromusical Displays

While many companies can turn on music and shoot off shells, it's rare to discover the kind of synergy that fuses musical production with technical artistry to build a full-blown pyromusical event. With the latest in computer scripting software, Melrose completely designs and synchronizes your show before it ever leaves our facilities.

Our soundtrack artist is a versatile music aficionado, ready to listen to your tastes and custom-build a show around your theme. Our choreographers specify the perfect companion effects and timing to build entertainment that defies imagination. Our state-of-the-art production studios offer broadcast-quality, digitally edited soundtracks. Once music is selected, a Melrose display choreographer fuses fireworks with the soundtrack using computer design software to achieve incredible precision and split-second timing.

Through a collaborative development process, we follow your lead, offer creative direction, and provide fully detailed previews and soundtracks for your feedback as we lead up to the show. We choreograph every sound and shell to create the look and feel you envision for your spectators.

Indoor Pyrotechnics/Special Effects

From indoor sporting events to concert stages, Melrose excels in producing indoor pyrotechnic shows. We rev up the excitement with our diverse inventory of gerbs, fountains, mines, line rockets, and other specialized effects. In addition to indoor pyrotechnics, we offer a wide array of specialized indoor services including confetti, streamers, and cryogenic effects.

Melrose producers will work closely with you to decide if indoor fireworks will work for your application, and if so, how to deliver the highest possible impact. Depending on your specific needs, let us create the perfect experience for your event! It takes a special level of skill to adapt technology for a stunning indoor show, and we're up for it.

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Safety

Melrose Pyrotechnics has always made it a priority to actively promote and pursue ongoing education and safety training. Melrose has raised the bar for the industry with our in-house training facility, where we provide ongoing hands-on demonstrations and lectures in order to ensure all personnel and employees are always educated to the highest standards possible.

Our training program implements standards and curriculum that we developed in collaboration with the American Pyrotechnics Association (APA) in order to foster operator and technician safety throughout the industry. In addition to APA training, Melrose educates and abides by safety protocols set forth by the United States Department of Transportation. We also recognize, follow, and exceed the guidelines laid out by the National Fire Protection Association (NFPA) in their annual NFPA handbooks.

American Pyrotechnics Association

The APA is the largest professional trade organization in the pyrotechnics industry. Maintaining a long-time membership in the APA, we share the same values as the APA in the importance of promoting safer regulations and continuing education throughout the fireworks industry. Through annual conventions and industry-wide forums, Melrose continues to have an important voice in the development and advancement of APA safety standards and training curriculum.

National Fire Protection Association

The National Fire Protection Association (NFPA) establishes guidelines to promote safety in the fireworks industry. At Melrose, no design work is started until we have confirmed your show site will meet NFPA guidelines and any additional internal guidelines to promote safety. NFPA's guidelines are the same standards that our insurance company uses to confirm that your show is meeting safety requirements.

American Fireworks Standards Laboratory

Melrose Pyrotechnics continues to work with the American Fireworks Standard Laboratory (AFSL) in an effort to implement and improve upon internationally adopted safety standards and testing procedures. The AFSL works directly with manufacturers and import firms to ensure that products have been tested for safety and meet the quality standards developed by the AFSL. It is this relationship that has helped Melrose Pyrotechnics develop their product quality standards. In the future these policies will promote safer products that will be used throughout the fireworks industry.

United States Department of Transportation

Melrose Pyrotechnics educates all employees on the rules and regulations set out by the United States Department of Transportation (USDOT). USDOT's guidelines are formed to ensure safe handling and transportation of product from our facilities to your shoot site. You can have peace of mind that the driver transporting product to your show will be well educated on the rules and regulations established by the USDOT.

When it comes to safety and training, Melrose has raised the bar for the industry with its on-site training facility and full-time staff member dedicated exclusively to training. The curriculum developed at Melrose expands on the curriculum of the American Pyrotechnics Association. With a maximum class size of 12, Melrose invests thousands of hours of training into development of its expert team every year.

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Fireworks

Melrose Pyrotechnics is serious about the products we use at your event. Starting with the manufacturers, we purchase product only from companies that are as dedicated to safety and quality as we are. Melrose travels the globe annually searching for the most unique and exotic products to add to our inventory.

Through extensive testing, we collect a wealth of information on every pyrotechnic device we employ. With the most diverse inventory in the United States, Melrose has the product to set your show apart from the rest. With all of our planning, attention to detail, and execution, Melrose is confident that your show will be the one everyone remembers year after year, applause after applause.

Manufacturers

In order to maintain a diverse collection of specialized products, our inventory devices are designed and manufactured all around the world, including the United States, Italy, Spain, Germany, China, Japan, and Australia.

It's the personal relationships formed over the years that make Melrose confident in who we are buying from and how the products are going to perform. It is this effort that results in the breathtaking effects that light up the night sky.

Inventory

Melrose Pyrotechnics has one of the largest inventories of fireworks in the United States—and possibly the world. Melrose's facilities are truly second to none with over 100,000 sq. ft. of Type 1 explosive storage.

Refreshing 25% of our product every year means that we will always have the newest, most innovative, and creative options the industry has to offer. This huge selection of products gives our designers the creative advantage to take your show to the next level!

Testing

Melrose Pyrotechnics is serious about product evaluation and testing. As soon as new products arrive at our facility, we unpack and immediately inspect them. Once we are satisfied with the quality of the product, our thorough evaluation process begins.

We begin by computer-firing, recording video of, and collecting data about each product as our entire creative department watches closely and evaluates each effect. Criteria such as flight time, effect duration, debris rating, and performance give us a wealth of information that we use while designing your display.

Flight time tells us the time span between the moment a shell is fired and the moment it becomes visible in the sky.

Effect duration is the period of time that the effect is visible to the audience.

Debris rating is a measure of the cleanliness of a shell's break.

Performance is an objective grade given by our experts to make sure it meets our quality standards.

We apply the evaluation data in the design of every Melrose Pyrotechnics display, allowing us to utilize every product to its full performance potential.

Show Design

Once the testing of the product is complete, it's time for the design team to lead the way. With your audience and site parameters in mind, the design team creates impact and emotion utilizing the vast array of products with layers of color in the sky. In addition to our consideration of evaluation data, the designers' choices of when and how to use a particular product versus another is based on many factors. These include effect characteristics, color range, rhythm, and tempo. Pyromusical displays allow us to take our creativity to the next level by marrying fireworks to the tempo, feel, dynamics, and emotional peaks and valleys that comprise a great soundtrack. The designers at Melrose Pyrotechnics are true artists and they love what they do!

"Show after show, there's never a time they don't take your breath away."

- Sheri Piecuch Vyfvinkel,
Director of Entertainment, Navy Pier, Chicago, Illinois

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Proposal Specification

Your Melrose Contact: Brian Jesse

Event Name	Poplar Grove Neighbors Fest 2021
Event Date	June 12, 2021
Client Contact Person	Katie Jaster
Type of Show	Pyromusical Fireworks Display - Computer Choreographed
Length of Show	12 - 17 Minutes
Type of Pyrotechnic Effects	Low Level Pyrotechnic Effects to 4" Aerial Shells
Proposal Includes	Five Million Dollars Public Liability Insurance Licensed Professional Pyrotechnicians Workers Compensation Insurance All Fireworks Material Necessary to the Production All Firing Equipment Necessary to the Production Digital Soundtrack Production Computer-Designed Choreography
Proposal Cost	$7,500 - $12,000

“Melrose is like part of the family.”

- Nichole Manning, Senior Director of Game Operations for the Chicago White Sox

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Proposal

In an effort to provide you with a detailed and clear proposal, we have included a list of components to be considered for the design of your Melrose Pyrotechnics display. Please take a moment to review our show design concepts and proposed pyrotechnic effects.

Opening Segment

The opening scene of your show is one of the most important segments of the display. Whether you choose a traditional display or a pyromusical, our design team members are masters at tailoring your opening segment to thrill your audience from the very first shot. Your audience will be captivated immediately, as we set the tone, pace, and feel for the rest of the program. This is traditionally established through a barrage of multi-shot effects paired with an assortment of aerial shells.

Design Components

Red Swirling Whistles with Red Tips

Silver Swirling Whistles with Silver Tips

Silver Swirling with Silver Report

Red Comets Tails with Titanium Reports

Blue Comets with Titanium Reports

Main Body

After your audience is fully enthralled in the spectacle of the opening segment, we transition into the main body of the display. You will experience our commitment to design and organization first-hand as we present a progression of scenes that we design specifically for you and your show. Because every device that we incorporate into your show is hand-picked, meticulously tested, and rated by our design team, we are able to build a cohesive program that is highly dynamic and suited to your event and audience.

Design Components

Crackling Palm Trees with Coconut Trunks

Color-Changing Pastel Crossettes

Assorted Patterns; Smiling Face, Hearts and Stars

Diadem Chrysanthemums to Crackling Tips

Brocade Kamuro with 1000's Bouquet Pistils

Magical Peonies to Gold Centers

This proposal is intended to give an approximate show design and description. Please contact your Melrose Pyrotechnics Event Producer with any questions or concerns.

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Proposal

Grand Finale

The ultimate destination and final act of every fireworks display is the grand finale. This is the segment of the show that your audience will remember above everything else. Careful design and product selection are vital components of the process we use to customize your grand finale. Not only sound, but color, flight time, effect duration, impact, and presentation are all criteria we consider when choreographing your grand finale.

Design Components

- Red White and Blue Cross Ring Finale Shells
- Red Comets to Titanium Salutes
- Blue Tiger Tails to Silver Splatter Magnesium Salutes
- Silver Lace Stickless Rocket Comets
- Ten-Fingered-Fan Aluminum Trailing Comets to Reports
- Signature - Heavy Crackling Golden Willows

Special Effects/Multi-Shots

In addition to the shells, multi-shots, candles, and chains that we implement throughout all segments of your show, we employ an extraordinary catalog of special effects and display techniques that we use to complement the traditional crowd favorites. These effects range from nautical shells, custom angled Roman candle scenes, expansive ground effect placements featuring strobes and flares, and layered multi-shot effects, as well as custom-pattern shapes that are manufactured just for Melrose, such as hearts and smiling faces. These special effects work in harmony and greatly enhance the look and feel of any display!

Design Components

- Five Pointed Lone Star with Encircling Strobe Ring
- Multi-color Pastel Crossette Mine Candle
- Rapid-Fire Row - Ruby Red to Go-Getter Mines
- Spanish Style Kamuro Comets with Fuchsia Blinking Stars
- Spanish Style White Flying Motors Mine
- Euro Style Candle Glitter Comet with Red Comet Tip
- Euro Style Candle Gold Comet with Royal Blue Comet Tip
- Gold Lace Diamond Flying Saucer Girondola

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Proposal

Mulit-Shots

Design Components	Product Description
Red Peonies with Silver Tails	Red-Colored Peonies over Silver Tails
Teal-Colored Super Peonies	Teal pastel-colored peonies
Red Glittering Fan Comets with Red Glittering Peonies	Red strobing comets to red breaks
Golden Crackling Chrysanthemums	Golden chrysanthemum breaks
Red-Color Palm with Multi-Color Tails	Red-colored palm tree leaves over multi-color tails
Green Swirling Whistles with Green Tips	Screaming whistles erupting to green thunderous noise
Blue Comet Tail to Blue Crossette	Blue crossettes creating a sky of blue falling stars
Quick Crackling Crossette	Crackling crossettes gold glitter with crackling trunk
Silver Comets to Silver Crossettes	Patriotic white comets bursting into white crossettes
Purple Comet Tails with Titanium Reports	Purple comets erupting into bright titanium salutes
Red and Green Light Crackling Flower Tail	Crackling tails erupting in a sea of red and green waves
All Colors with Flash Enhanced Chrysanthemum Shells	Hard breaking assorted color strobing shells

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This proposal is intended to give an approximate show design and description. Please contact your Melrose Pyrotechnics Event Producer with any questions or concerns.

Below you will see an approximate breakdown of what we can offer at a few different price points. Please let me know if you have any questions.

Pyro Musical Display

12 Minute Pyro Musical Display
$7,500

150 - 1”Aerial Display Shells
327 - 2” Aerial Display Shells
97 – 2 ½” Aerial Display Shells
116 – 3” Aerial Display Shells
35 – 4” Aerial Display Shells

15 Minute Pyro Musical Display
$10,000

200 - 1” Aerial Display Shells
435 - 2” Aerial Display Shells
129 - 2 ½” Aerial Display Shells
154 - 3” Aerial Display Shells
46 - 4” Aerial Display Shells

17 Minute Pyro Musical Display
$12,000

240 – 1” Aerial Display Shells
500 – 2” Aerial Display Shells
154 – 2 ½” Aerial Display Shells
184 – 3” Aerial Display Shells
56 – 4” Aerial Display Shells

Thank You,
Brian Jesse

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