

Lighting Manual

Table of Contents

Overview	2
Setup procedure	3
During service procedure	4
Post Service Procedure	5
Troubleshooting	6
Additional features	7

Overview

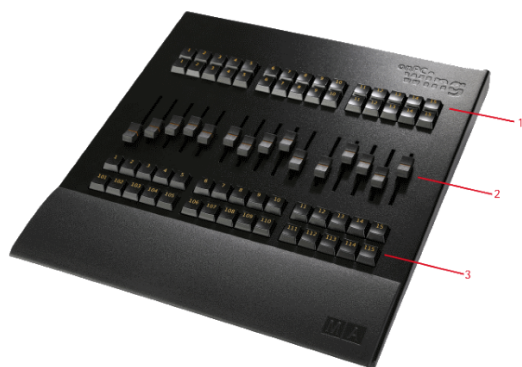
A grandMA lighting console, also known as a grandMA console, is a professional lighting control system used in the entertainment industry for stage lighting and show control. It is manufactured by the German company MA Lighting and is widely regarded as one of the most advanced and versatile lighting consoles available.

The grandMA console allows lighting designers to control a large number of fixtures, including moving lights, LED fixtures, and conventional lighting fixtures, with great precision and flexibility. It also offers a wide range of programming options, allowing designers to create complex lighting effects and synchronize them with other elements of a show.

The console features a user-friendly interface and a range of customizable controls, allowing designers to create their own unique programming workflows. It also supports various protocols for controlling lighting fixtures, including DMX, Art-Net, and sACN.

Overall, the grandMA lighting console is a powerful tool for lighting professionals, providing them with the flexibility and control they need to create stunning visual experiences for audiences.

Front Panel



Rear Panel



The Lights Console is designed to accomplish the following goals:

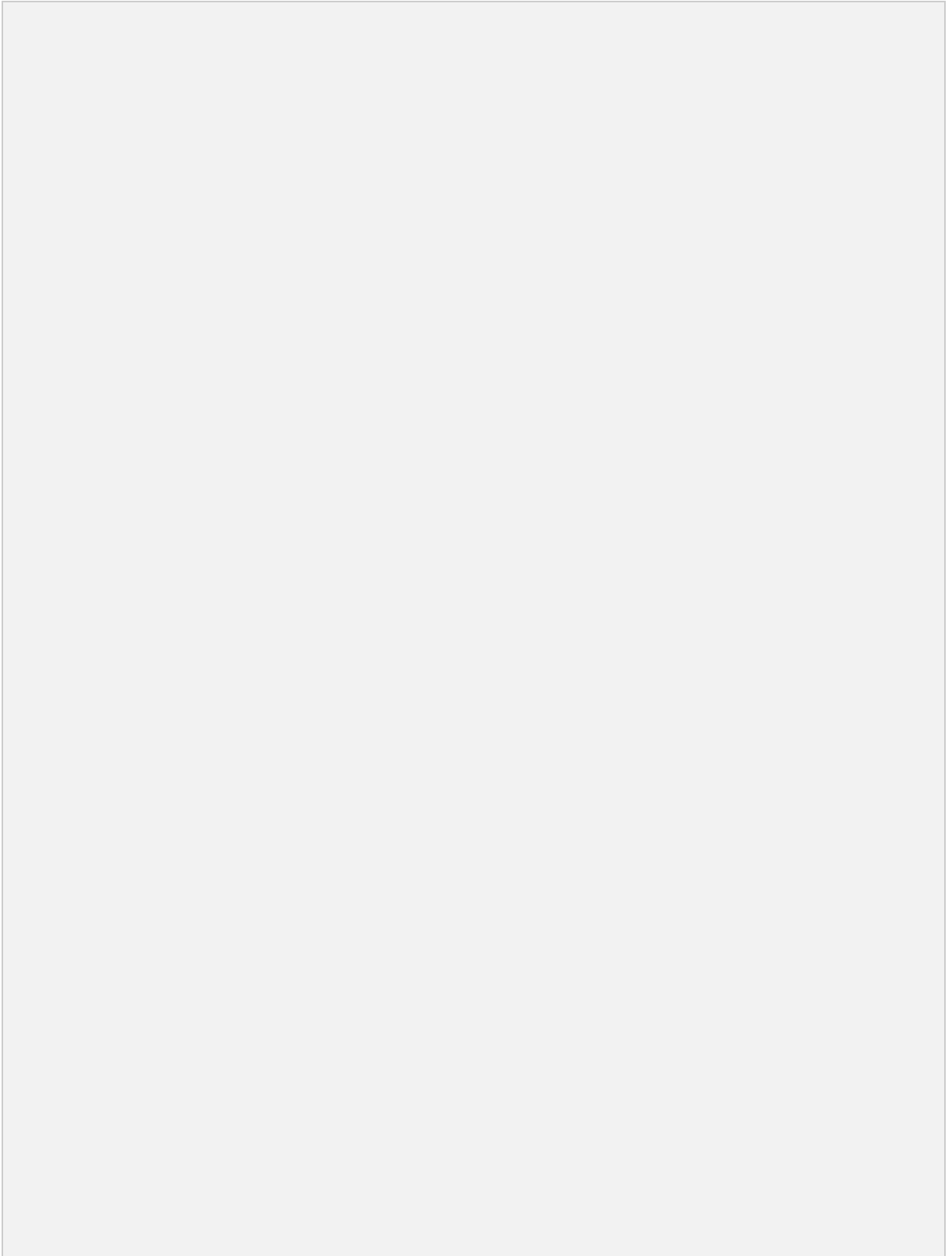
- Facilitate services that create an atmosphere conducive to experiencing the presence of God.
- Encourage creativity and innovation in the audience's experience of the service.
- Offer opportunities for learning and an enjoyable time.

Pre-Setup procedure

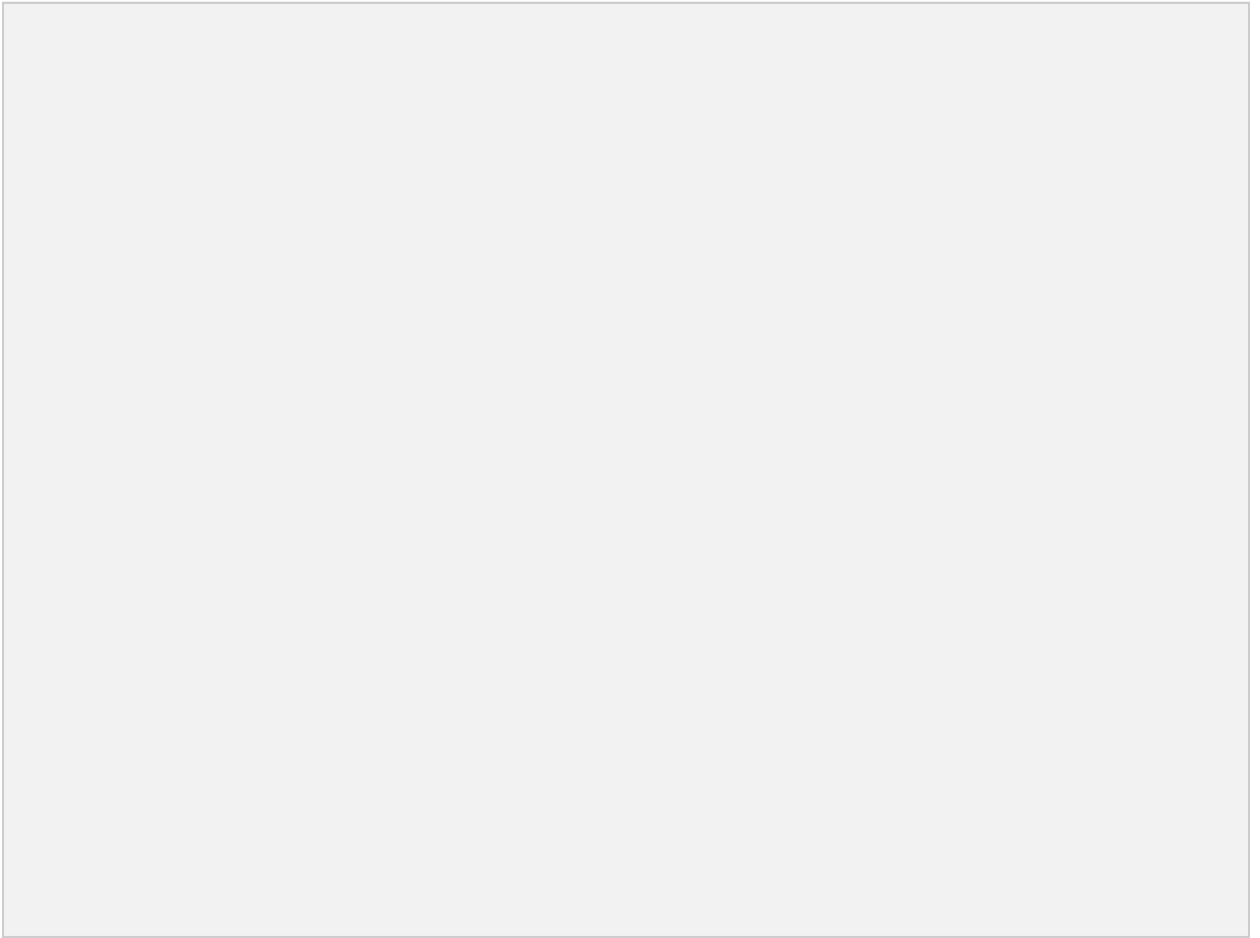
The following steps provide a general guide to setting up a service show. Please note that these instructions are intended as a starting point and may need to be customized based on the specific needs of your show.

Below contains a list of steps to set up a service — **IMAGES REQUIRED**

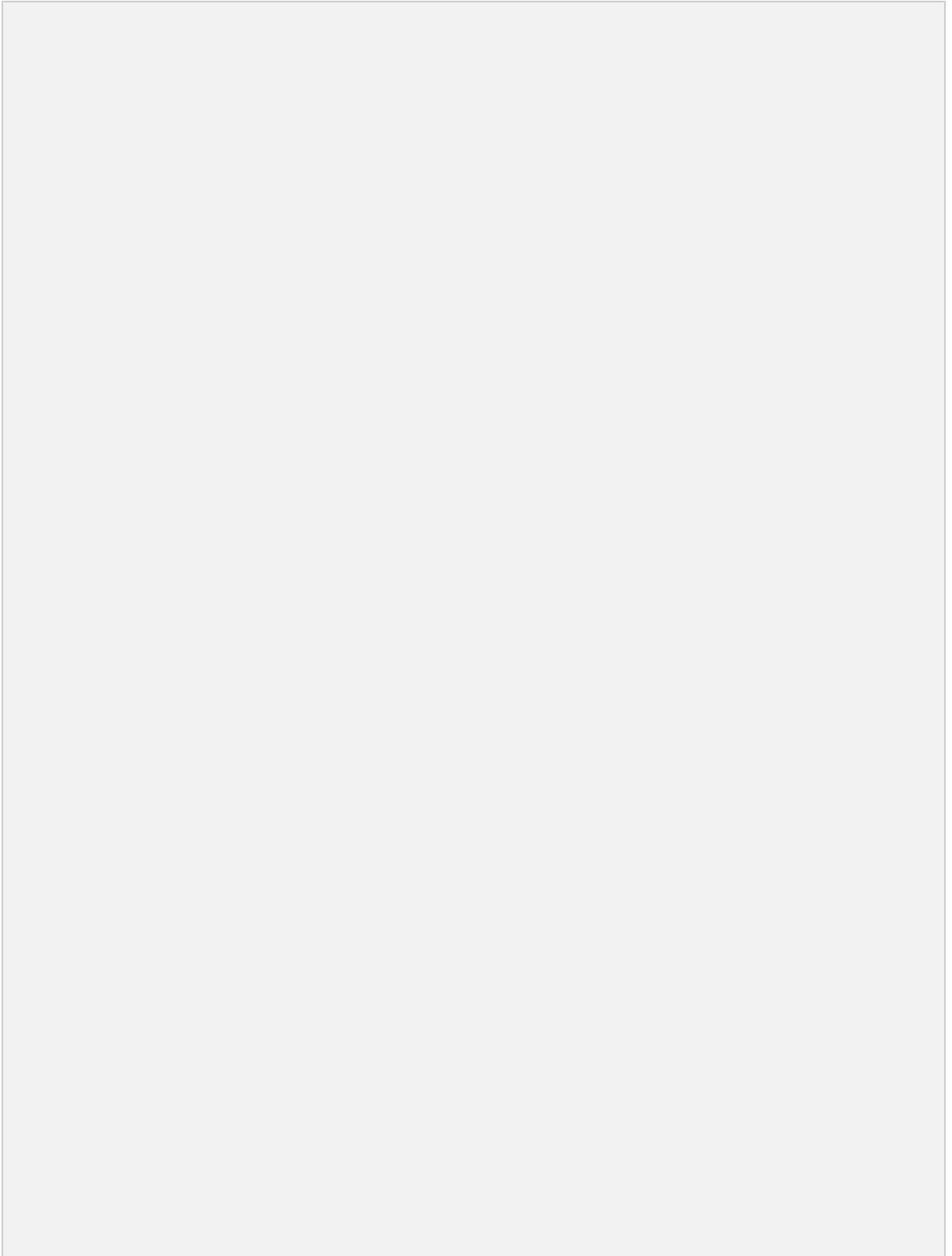
- Turn on the circuit breakers located at the back of the stage. This will provide power to the lighting system and other equipment.



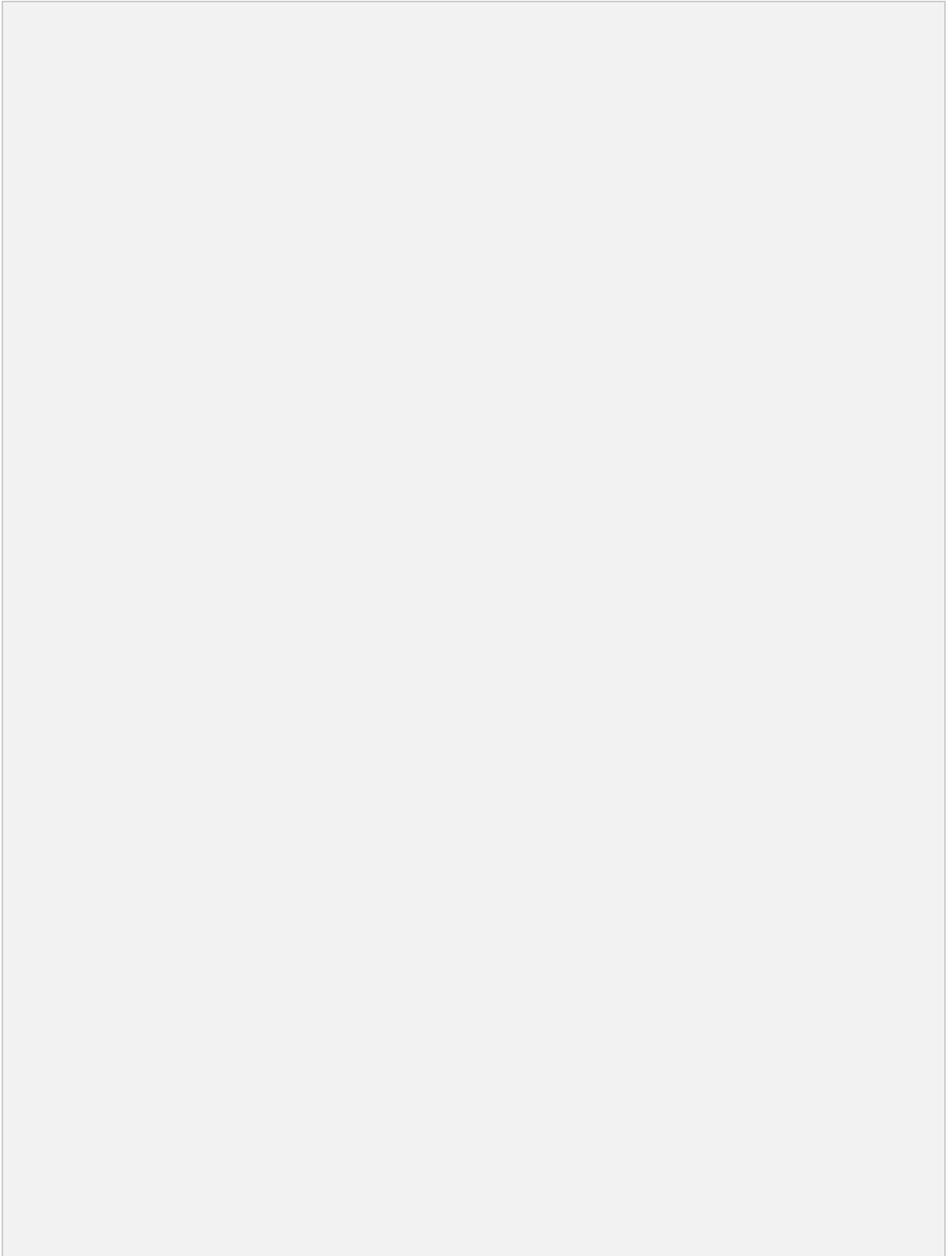
- Turn on the smoke machine



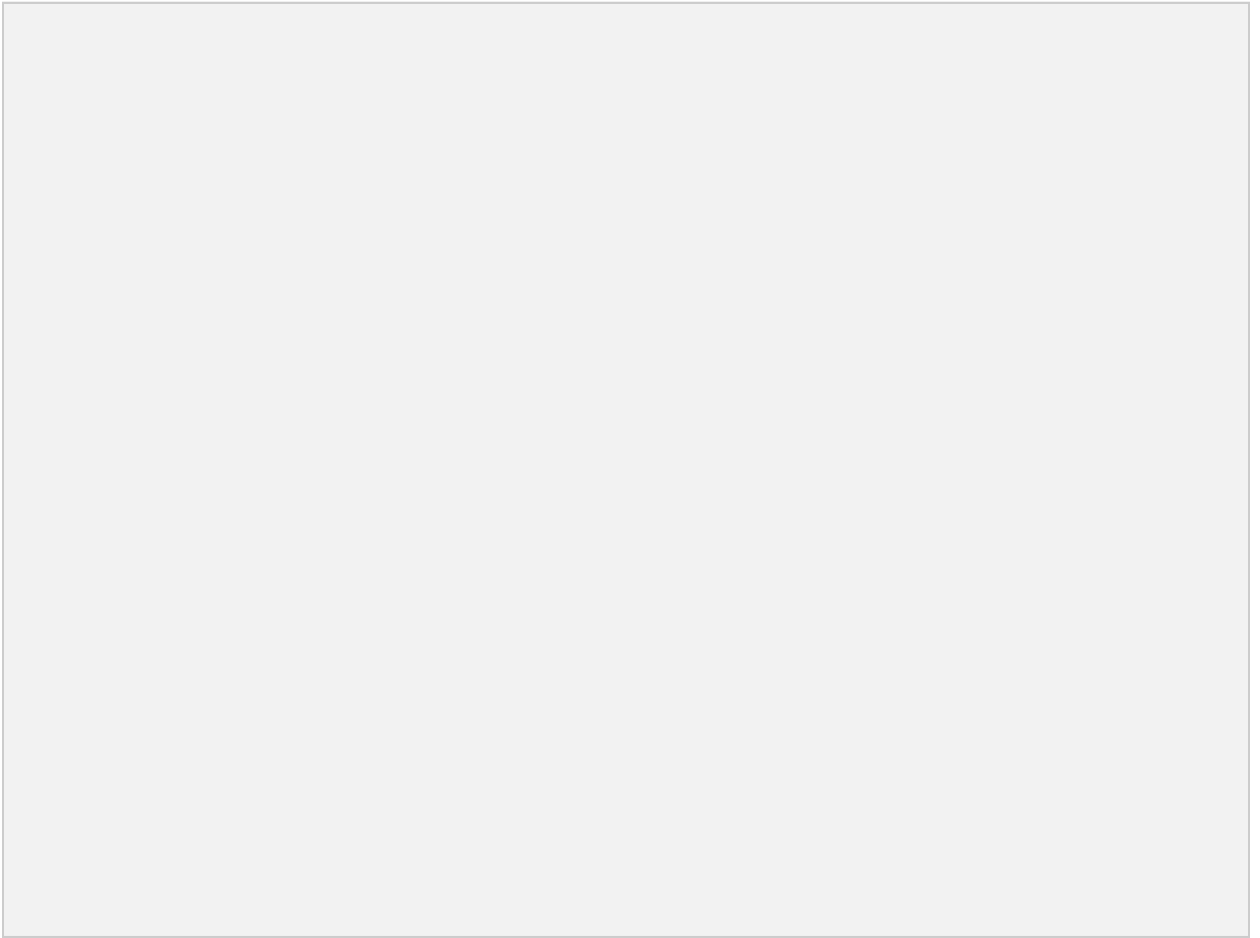
- Ensure that the lighting board is turned on.



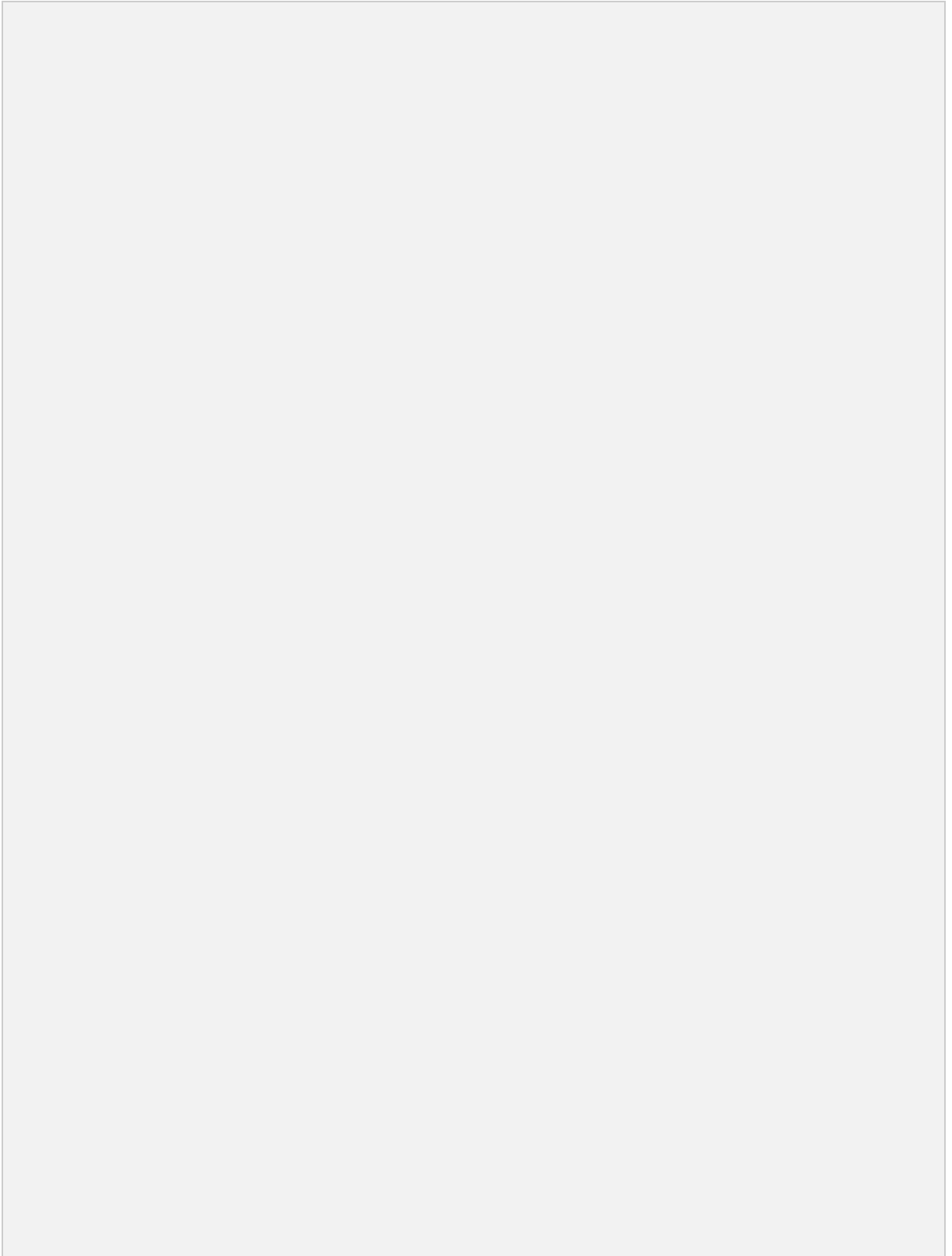
- Turn on the computer that runs the GrandMa lighting control software.
- Launch the GrandMa PC application on the lower left corner of the monitor.



- Accept the software agreement when prompted.



- Select the desired show file for your service (from where?).
- Verify that all lights and equipment are working properly before the show starts.



- Run show

In-service procedure

- Check that the GrandMA lighting control system is on and connected to the correct show.
- Turn on the stage lights, spotlights, and wash lights, as appropriate for the specific show.
- Each show is unique and may require different lighting effects. When running any motions, check that the speed is in sync with the worship or praise being performed.
- Choose colours that complement the LED lights and stage design. Avoid colouring the people on stage.
- Monitor the camera screens to ensure that the lighting is looking great from different angles.
- When an MC or pastor is speaking, make sure there are no distracting lighting effects or motions on the lights.
- If the pastor comes down to the audience level, use the dashboard to adjust the lighting as necessary.
- Monitor smoke machine to ensure the stage isn't overpowered with fog.

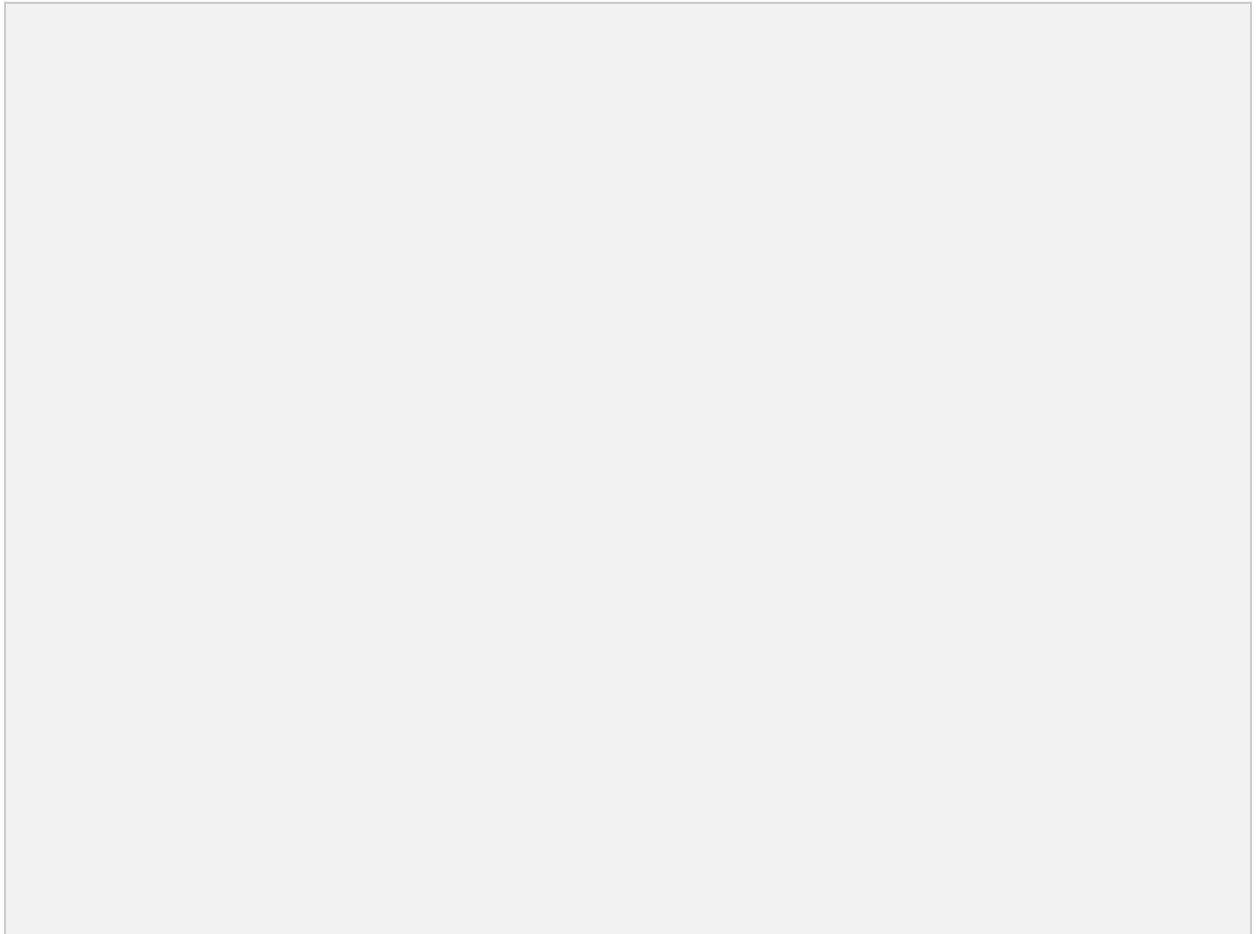
Please note that these instructions are intended as a general guide and may need to be customized based on the specific needs of your show.

Use	Monitor	GrandMA Console
Motion		Console 2 - 101, 102, 103, 104
Color		Console 1 - 114 (multicolor), 115 (same color)
Smoke		Console 1 - 101
Audience Light Color		
Audience Light Motion		Console 2 -
Speed		Console 2 - 105
Stage Light		Console 1 - lever 1
Applause		Console 2 - 106
2W (front & back) Light		Console 1 - lever 2, 4
2P (front & back) Light		Console 1 - lever 3, 5

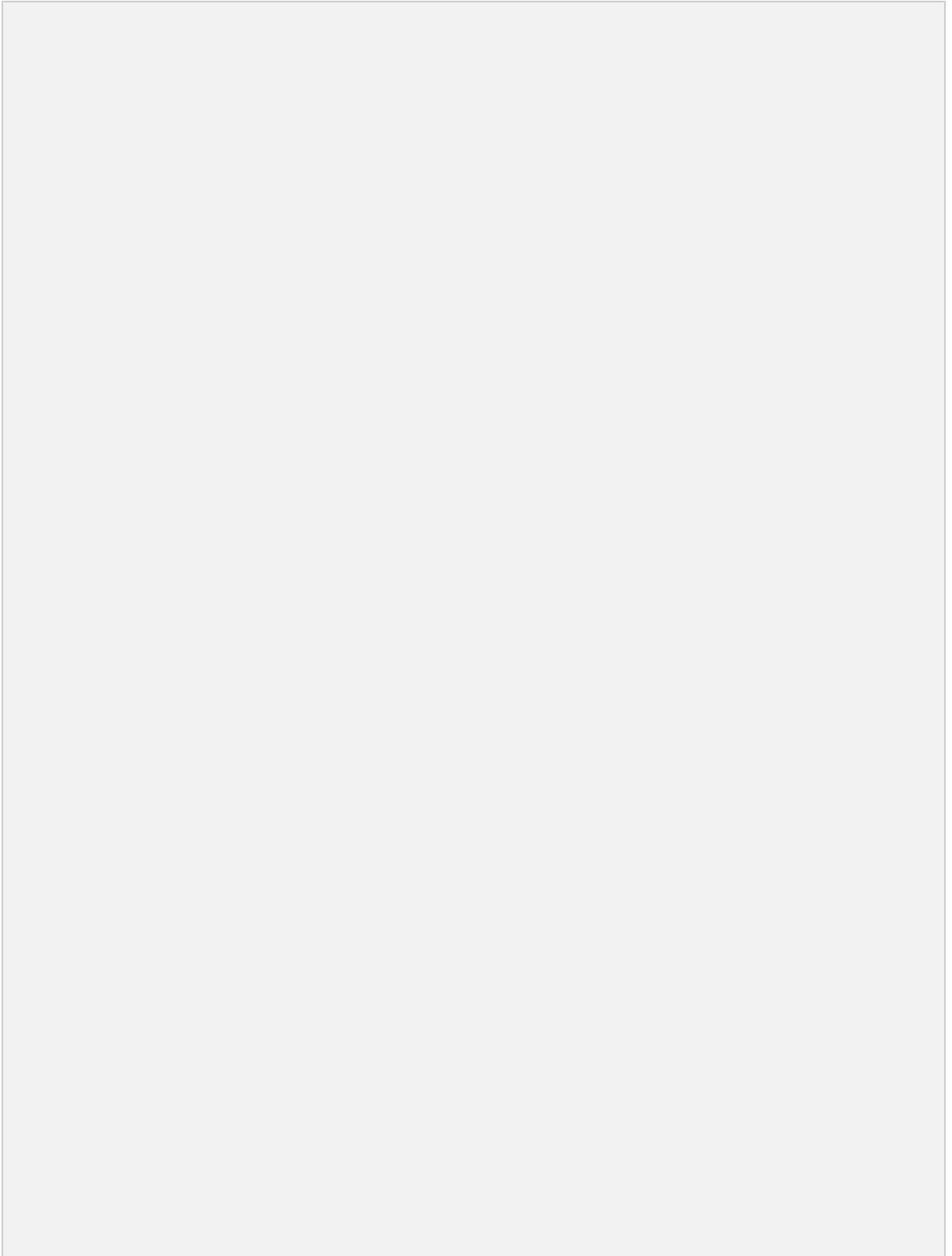
Post Service Procedure

Below contains a list of steps to shut down a service: - **IMAGES REQUIRED**

- Stop the show and turn off all lights and equipment.
- Close the GrandMa PC application.
- Shut down the computer that runs the GrandMa lighting control software.
- Turn off the lighting board.
- Turn off the smoke machine



- Turn off the circuit breakers located at the back of the stage. This will disconnect power to the lighting system and other equipment.



Note: It is important to follow these steps in order to safely and properly shut down the service and avoid potential damage to the equipment.

Troubleshooting

CLEAR - CLEAR - CLEAR (**This is your best friend**)

Here are some methods for troubleshooting issues with a GrandMa lighting console:

- **Check connections:** Ensure that all cables and connections are securely plugged in and properly seated. This includes power cables, DMX cables, and network cables.
- **Restart the console:** Sometimes a simple restart can fix issues with the console. Try restarting the console and see if the issue persists.
- **Check for updates:** Ensure that you have the latest software updates and firmware installed on your console. This can often fix issues with the console's performance.
- **Consult the documentation:** Check the manufacturer's documentation for troubleshooting tips and advice. The documentation may also provide information on common issues and how to resolve them.
- **Use diagnostic tools:** GrandMa lighting consoles often come with built-in diagnostic tools that can help you identify and troubleshoot issues. Consult the manufacturer's documentation for information on how to use these tools.
- **Contact customer support:** If you have tried all of the above methods and are still experiencing issues with your console, contact the manufacturer's customer support team. They can help you troubleshoot the issue and may offer additional support and resources to help you resolve the issue.
- **Overall,** troubleshooting a GrandMa lighting console involves a combination of checking connections, updating software and firmware, consulting documentation, using diagnostic tools, and seeking support from the manufacturer's customer support team. With persistence and a methodical approach, you can often identify and resolve issues with your console and ensure that your lighting productions run smoothly.

Additional features

GrandMa lighting control software offers a wide range of features that can enhance the quality and visual impact of your show. Some of the additional features you may want to explore include

- Automated lighting effects: Use pre-programmed lighting effects to create dynamic and visually stunning displays.
- DMX control: Fine-tune the lighting levels and effects using DMX control.
- Audio sync: Sync the lighting effects with the music or other audio cues for a fully immersive experience.
- Multi-device support: Control multiple lighting devices and equipment from a single interface.
- Customizable user interface: Customize the GrandMa interface to suit your preferences and workflow.

Please note that these additional features may require additional setup and configuration. Consult the GrandMa documentation or contact their support team for assistance.

Here are some steps you could take to find additional features for a grandma lighting console:

- Check the manufacturer's website: Look for documentation, tutorials, and software updates related to your console. Most manufacturers provide software updates and additional features that can be downloaded and installed on your console.
- Join user forums: Many lighting console users share tips, tricks, and additional features they have developed on user forums. Joining these forums can help you discover new features that you can implement on your console.
- Contact the manufacturer directly: If you are unable to find the information you need on the manufacturer's website or user forums, consider contacting the manufacturer directly. You can reach out to their customer support team, or submit a support ticket on their website.
- Attend training courses or workshops: Many lighting console manufacturers offer training courses or workshops where you can learn about additional features and best practices for using their consoles. Attending these courses can help you discover new ways to use your console and implement new features.
- Join lighting industry associations: Joining a lighting industry association can help you

stay up-to-date with the latest trends and technologies in the field. These associations often provide resources and training opportunities that can help you discover new features and best practices for using your console.

Overall, finding additional features for a grandma lighting console involves exploring resources provided by the manufacturer and seeking out information and support from other lighting professionals. By being proactive and persistent, you can discover new ways to use your console and improve your lighting production.