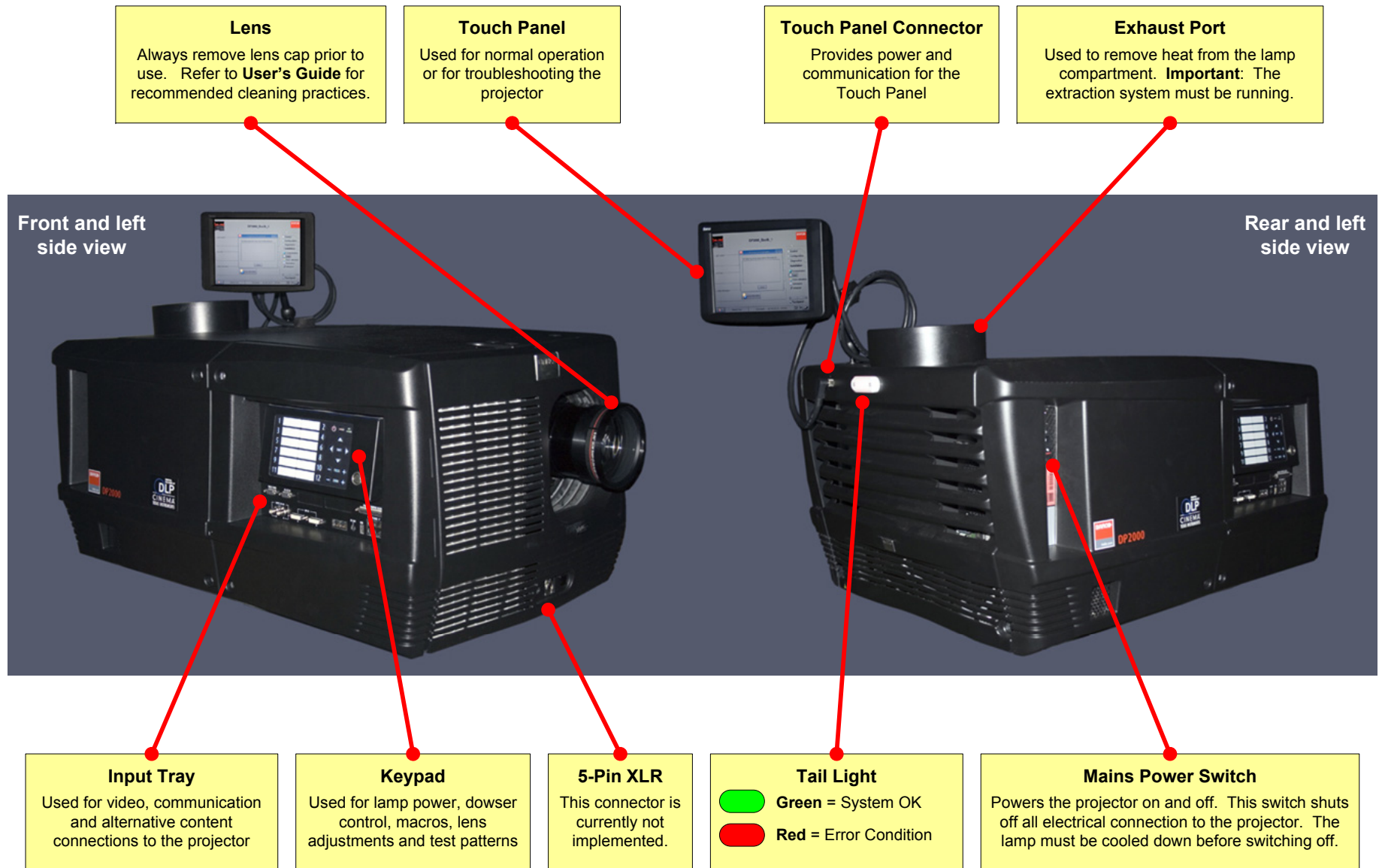


DP-1500 / DP-2000

Operations Quick Start Guide

Digital Cinema Projector Components



Features

Macro Buttons

Used to preset the projector configuration for each show ☆

Lens Adjustment

Positions the image on screen. Used for manual override.

Lamp

Press once to turn the lamp on. Press once to turn the lamp off.

Dowser Control

Press once to open the dowser. Press once to close the dowser.

Test Pattern

Press to enable and cycle through the test patterns ☆

Focus

Adjusts primary image focus

Keypad

Input Tray

NOTE

☆ When the **Test Pattern** or **Macro** button is used, it will first light up "purple" while in transition, and then turn "red" when completed.

Dallas Key

Security feature for Dallas Key receiver (secure function authorization)

Zoom

Increases or decreases image size

SMPTE 292 BNC Connectors

Accepts an encrypted content data stream from the server

DVI-D Connectors

Accepts data signals from alternative content devices such as ACS-2048

Ethernet

Used for communication from the projector to the content server and theater management system



Daily Procedures

1. Power Up

Procedure

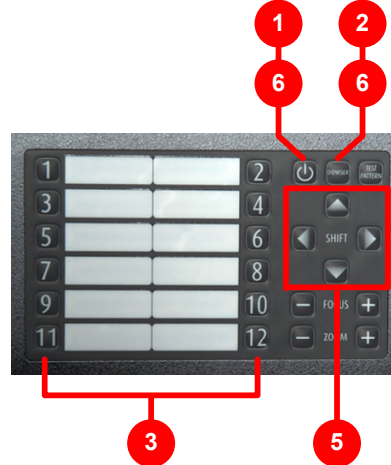
- 1 Ensure that the extraction system is on.
- 2 Switch on the **Mains Power**. Allow up to one minute for the projector to finish the boot-up sequence.
- 3 If the projector's tail lights turn red, refer to the **Troubleshooting** section in this guide.
- 4 Remove the lens cap (if applicable).



2. Pre-operation Setup

Procedure

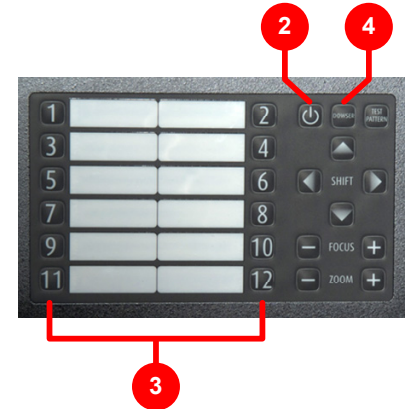
- 1 Press the **Lamp** button to strike the lamp.
- 2 Press the **Dowser Control Button** to open the dowser.
- 3 Press the desired scope or flat **Macro** required for the next show playing in auditorium. Allow up to one minute for the lens to move into position. The image may appear off screen at first.
- 4 Play movie from the server and check the image to ensure that it is properly aligned with the screen masking.
- 5 If the image is not aligned with the screen masking, use the **Lens Adjustment Buttons** to correct the image on screen. Notify the theater technician.
- 6 Turn the lamp off and close the dowser until "showtime" nears.



3. Play a Movie

Procedure

- 1 During normal operations, the server should start the projector automatically. If the projector is not automatically started by the server, follow the steps below.
- 2 Press the **Lamp** button. Wait five seconds between each step.
- 3 Select the appropriate **Macro**. Wait five seconds between each step.
- 4 Press the **Dowser** button.
- 5 Start the movie from the server.
- 6 Check the content on screen for the proper alignment and color.



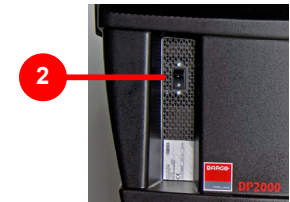
4. Power Down

Procedure

- 1 If the lamp is on, press the **Lamp** button and allow the lamp to cool for 10 minutes prior to electrical power down.
- 2 After the 10 minute cool down period, switch off the projector's **Mains Power**.

Important

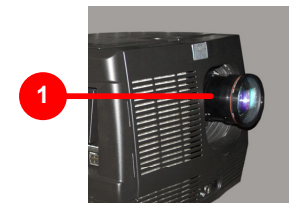
Not allowing the lamp to cool will result in lamp damage!



5. Pre-show Maintenance

Procedure

- 1 When needed, clean the **Lens** with a lens cloth.
- 2 When needed, clean the **Port Window**.
- 3 For full details on all maintenance activities, refer to the **Maintenance Guide**.



Troubleshooting

Problem: The lamp does not strike

Procedure Check the following potential causes:

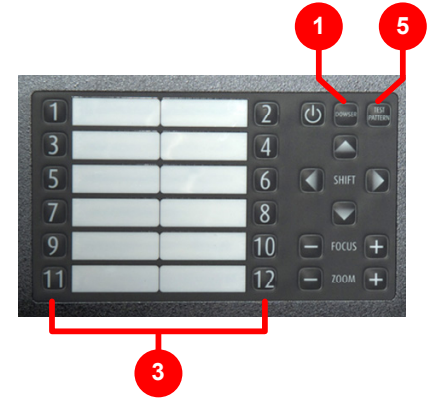
- 1 Press the **Lamp** button. Between each strike attempt, allow 10 seconds (if lamp is cold) or 1 minute (if lamp is hot).
- 2 If after the third attempt the lamp does not strike, contact the theater's technician.



Problem: There is no image on the screen

Procedure Check the following potential causes:

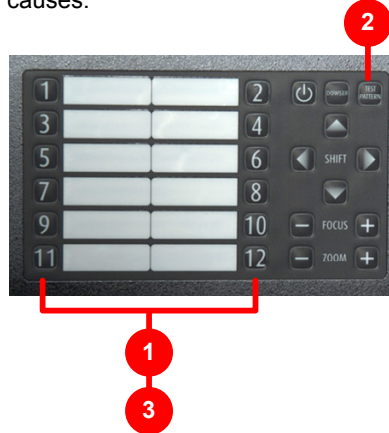
- 1 Check to see if the lamp is on and the **Dowser** is open.
- 2 Check that the **Lens Cap** is removed.
- 3 Verify that the correct **Macro** is selected.
- 4 Verify that the server is playing.
- 5 Verify the operation of the projector with a **Test Pattern**.
- 6 Check all connections from the server.
- 7 Restart the projector and the server, and try to play the movie again. Be sure to let the projector lamp cool down for at least one minute prior to restarting.



Problem: Movies or trailers are not playing with the correct color

Procedure Check the following potential causes:

- 1 Reselect the proper **Macro Button** on the projector for the current movie.
- 2 Use the **Test Pattern Button** to select the color bars test pattern. Ensure that red, green and blue can all be seen properly in the test pattern.
- 3 Reselect the proper **Macro Button** again, for the current movie.
- 4 Restart the projector and the server, and try to play the movie again. Be sure to let the projector lamp cool down for at least one minute prior to restarting.



Problem: The image appears dim

Procedure Check the following potential causes:

- 1 On the Touch Panel, select the **Control Tab** and press the "**Service**" button.
- 2 On this page, increase lamp power by moving the "**Lamp Dimming**" adjustment to the right, until the "**Current Light Output**" value indicates **14FL**.
- 3 If the "**Current Light Output**" does not indicate at least 11FL, contact the theater technician



Problem: Colors do not appear correct, or the image is distorted

Procedure Check the following potential causes:

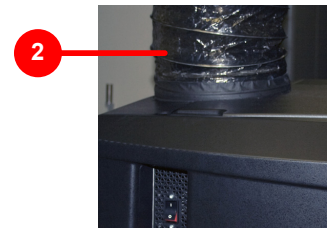
- 1 Reselect the applicable **Macro**.
- 2 Restart the projector and the server, and try to play the movie again. Be sure to let the projector lamp cool down for at least one minute prior to restarting.



Problem: Projector indicates an overheating error

Procedure Check the following potential causes:

- 1 Check the booth's ambient temperature, which must fall between:
 - 50 - 95 degrees Fahrenheit
 - 10 - 35 degrees Celsius
- 2 Check that the extraction system is operating.
- 3 Contact the theatre technician.



Problem: The projector tail lights are solid red

Procedure Check the following potential causes:

- 1 Restart the projector. If the tail lights turn green, the problem is resolved.
- 2 Check the **Touch Panel** for error messages. If you find an error, report it to the theater technician.

