




PaintManager® XI Quick Reference Guides for LIC

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Color Search

- 1 From the Dashboard enter the search criteria or scan a barcode.
- 2 Select the desired formula.
- 3 Choose the formula for the desired resin quality.
- 4 Select **+Reduction** to add reduction components if needed.
- 5 Choose **Pour Target** Base/Total, and **One/Two** step mix. 
- 6 Enter the desired **Quantity** and **Unit of Measure**.
- 7 Adjust **Tint Load** if needed.
- 8 Review **Cost** and add **Margin %**.
- 9 **Send** formula to a **Label** and/or **Paper** printer for mixing.

Optional: Save as a Custom Formula (Editable)

- 10 On the **Tools** menu select **Save as a Custom Formula**.
- 11 On the **Vehicle Information** tab, enter a contact or company name.
- 12 Add a reading from a sprayout produced on the **Readings** tab.
- 13 **Save** and select **To Formula and Mixing**.

OR

Optional: Save as a Customer Formula (Non-Editable)

- 14 On the **Tools** menu select **Save as a Customer Formula**.
- 15 Select a job or choose **+Job** to create a new one adding a company and description.
- 16 Add a reading from a sprayout produced on the **Readings** tab.
- 17 **Save** and select **To Formula and Mixing**.

Optional: Add to a Job—Record VOC and HAPS Information

- 18 On the **Mix Session** tab choose:
 - ⇒ **Mix** if a scale is connected to the software.
 - ⇒ **Record as Mixed** if no scale is connected to the software.
- 19 Select a **Job** or choose **+Job** to create a new one adding a company and description.

Custom Formula—From Scratch

- 1 From the **Dashboard** select **Custom Formulas**.
 - 2 Choose **+Formula**.
 - 3 Select the desired **Paint System**.
 - 4 Choose **Save**.
 - 5 Enter the required **Color Description** and searchable **Color Code**.
 - 6 Select and add the desired **Toners** and **Resin**.
 - 7 Enter the **Values** for each formula component.
 - ⇒ Note calculated **Amount** and **Tint Load** values.
 - ⇒ **Adjust Resin** quantity to reach desired formula amount and tint load.
 - 8 Place the components in the desired **Order**.
-

Optional Information:

- 9 On the **Details** tab add additional information.
 - ⇒ **Additional Color Code** searchable from the Dashboard.
 - ⇒ Pick a **Color Family**
 - ⇒ Add **Notes**.
 - 10 On the **Vehicle Information** tab, enter a contact or company name.
 - 11 On the **Reading** tab add a reading of a sprayout if available.
 - ⇒ This will allow the formula to be available for a **Wildcard search**.
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- 12 **Save**.
- 13 Select to **Formula and Mixing** to choose an amount to **Mix & Print label**.

Custom Formula—From Existing Formula

- 1 From the **Dashboard** search for and select the desired formula.
 - 2 Select the formula for the desired **Resin**.
 - 3 Chose the desired **Quantity** and **Unit of Measure** .
 - 4 Make changes to the **Tint Load** if desired. (**Optional**)
 - 5 Review **Cost** and **Margin** information if needed. (**Optional**)
 - 6 Choose the **Tools** menu and pick **Save as Custom Formula**.
 - 7 **Adjust** values of components and/or **Add** new components if needed.
 - ⇒ Note calculated **Amount** and **Tint Load** values.
 - ⇒ **Adjust Resin** quantity to reach desired formula amount and tint load.
 - 8 Place the components in the desired **Order**.
-


Optional Information:

- 9 On the **Details** tab add additional information.
 - ⇒ **Additional Color Code** searchable from the Dashboard.
 - ⇒ Add **Notes**.
 - 10 On the **Vehicle Information** tab, enter a contact or company name.
 - 11 On the **Reading** tab add a reading of a sprayout if available.
 - ⇒ This will allow the formula to be available for a **Wildcard search**.
-

- 12 **Save**.
- 13 Select **To Formula and Mixing** to choose an amount to **Mix & Print label**.

Wildcard Search from Dashboard

(Default Light Source from Settings.)

- 1 Read the sample with your LIC spectrophotometer.
- 2 From the **Dashboard** select the **Color Accurate™** tile.
- 3 Add a reading name by selecting **Reading, Edit, then Save and Close.**
- 4 Make sure **Solid** finish is selected, then choose your **Paint Line** and **Resin.**
- 5 **Search** for a match.
- 6 Choose a match. (5 or less is blendable for solid colors)
- 7 Select **+Reduction** to add reduction components if needed.
- 8 Choose **Pour Target** Base/Total, and **One/Two** step mix. 
- 9 Enter the desired **Quantity** and **Unit of Measure.**
- 10 Adjust **Tint Load** if needed.
- 11 Review **Cost** and add **Margin %.**
- 12 **Send** formula to a **Label** and/or **Paper** printer for mixing.

Optional: Save as a Custom Formula (Editable)

- 13 On the **Tools** menu select **Save as a Custom Formula.**
- 14 On the **Vehicle Information** tab, enter a contact or company name.
- 15 Add a reading from a sprayout produced on the **Readings** tab.
- 16 **Save** and select **To Formula and Mixing.**

OR

Optional: Save as a Customer Formula (Non-Editable)


- 17 On the **Tools** menu select **Save as a Customer Formula.**
- 18 Select a job or choose **+Job** to create a new one adding a company and description.
- 19 Add a reading from a sprayout produced on the **Readings** tab.
- 20 **Save** and select **To Formula and Mixing.**

Optional: Add to a Job—Record VOC and HAPS Information

- 21 On the **Mix Session** tab choose:
 - ⇒ **Mix** if a scale is connected to the software.
 - ⇒ **Record as Mixed** if no scale is connected to the software.
- 22 Select a **Job** or choose **+Job** to create a new one adding a company and description.

Wildcard Search from a Job

(Light Source selection available.)

- 1 Read the sample with your LIC spectrophotometer.
- 2 Navigate to the **Job** screen and select a job or **+Job** to add a new one.
- 3 Choose **+Reading** to add the reading.
- 4 Select **Wild Card Search**.
- 5 Make sure **Solid** finish is selected, then choose your **Paint Line** and **Resin**.
- 6 **Search** for a match.
- 7 Choose a **Match** (5 or less is blendable for solid colors)
- 8 Select **+Reduction** to add reduction components if needed.
- 9 Choose **Pour Target** Base/Total, and **One/Two** step mix. 
- 10 Enter the desired **Quantity**, **Unit of Measure**, and **Tint Load**.
- 11 Review **Cost** and add **Margin %**.
- 12 **Send** formula to a **Label** and/or **Paper** printer for mixing.

Optional: Save as a Custom Formula (Editable)

- 13 On the **Tools** menu select **Save as a Custom Formula**.
- 14 On the **Vehicle Information** tab, enter a contact or company name.
- 15 Add a reading from a sprayout produced on the **Readings** tab.
- 16 **Save** and select **To Formula and Mixing**.

OR

Optional: Save as a Customer Formula (Non-Editable)

- 17 On the **Tools** menu select **Save as a Customer Formula**.
- 18 Select a job or choose **+Job** to create a new one adding a company and description.
- 19 Add a reading from a sprayout produced on the **Readings** tab.
- 20 **Save** and select **To Formula and Mixing**.

Optional: Add to a Job—Record VOC and HAPS Information

- 21 On the **Mix Session** tab choose:
 - ⇒ **Mix** if a scale is connected to the software.
 - ⇒ **Record as Mixed** if no scale is connected to the software.
- 22 Select a **Job** or choose **+Job** to create a new one adding a company and description.

Create a Color

- 1 **Read** the sample with the LIC spectrophotometer.
- 2 From the **Dashboard** select **Jobs**.
- 3 Select **+Job**.
- 4 Add Description and Company then **Save**.
- 5 Choose **+Reading**.
- 6 Select the reading that was downloaded.
- 7 Choose **Edit** and add a meaningful reading name and **Save and Close** (**Optional**)
- 8 Select the desired **Light Source**.
- 9 Choose **Formulate**.
- 10 Pick a **Paint Line** and **Paint System** (Resin).
- 11 Choose **Deselect Toners**. (**Optional**)
- 12 **Save**.

-
- 13 Select **Quantity** to mix and **Unit of Measure**.

Sample Mode

4 to 8 ounces.

Add Reduction components.

Batch Mode

1 Quart or 1 Gallon

-
- 14 Adjust **Tint Load**. (**Optional**)
 - 15 Review **Cost**. (**Optional**)
 - 16 **Send** to label printer and/or paper printer.
 - 17 On the **Mix Session** tab choose:
 - ⇒ **Mix** if a scale is connected to the software.
 - ⇒ **Record as Mixed** if no scale is connected to the software.
 - 18 **Pour** the mix and document over/under pours.
 - 19 Create a **Sprayout** and proceed to the **Verify Color Match** QRG.

Verify Color Match

- 1 Select job:
 - ⇒ On **Mix Summary** screen select tethered job at top of screen
or
 - ⇒ Navigate to **Jobs** screen and select the desired job.
- 2 Select the **Tools menu** for the desired **WIP** and choose **Edit**.
- 3 **Critical: Edit** the formula components for over/under pours.
- 4 Select the **Details tab** and select a **Color Family**.
- 5 Select the **Reading** tab and add a reading of your sprayout.
- 6 **Save**.
- 7 Select the **Job** referenced at the top of the screen.
- 8 Select the **Plot** tab.
- 9 Verify **Delta** values.
- 10 Select **Edit**.

Match Acceptable

Optional: Prior to Saving

- 13 Adjust Tint Load.
- 14 Proceed to Formula and Mixing to check pricing. (Select back when done.)
- 11 Select **Save as Customer Formula**.
- 12 Select **To Formula and Mixing**.
- 15 Choose a **Quantity** and **Print Label** and/or **Paper** formula.

Color Match not Acceptable

- 16 Proceed to the **Adjust Color QRG**.

Adjust Color

Sample Mode Adjust

- 1 Select **Adjust**.
- 2 Choose **Quantity, Unit of Measure, and Tint Load**.
- 3 Add **Reduction** components.
- 4 **Send** to label printer and/or paper printer.
- 5 On the **Mix Session** tab choose:
 - ⇒ **Mix** if a scale is connected to the software.
 - ⇒ **Record as Mixed** if no scale is connected to the software.
- 6 Pour the mix and document over/under pours.
- 7 Create a **Sprayout**.

Batch Mode Adjust

- 1 **Critical:** Make sure the WIP is modified for Under/Over pours then **Save**.
- 2 Select **Adjust Batch**.
- 3 Enter **Quantity** poured to create a sprayout.
- 4 Select **Adjust Batch**.
- 5 **Review** the additions and select **Record as Mixed** or **Mix Now**.
 - ⇒ **Mix** if a scale is connected to the software.
 - ⇒ **Record as Mixed** if no scale is connected to the software.
- 6 **Critical:** **Send** to label printer and/or paper printer for pouring.
- 7 **Pour** the adjustment into the original container.
- 8 **Document** any over/under pours.
- 9 Create a **Sprayout**.
- 10 Proceed to the **Verify Color Match** QRG

PAINTMANAGER® XI

LIC Spectro Operation for X-Rite SP61

Calibration

- 1 Select the “X” button at the top of the display to return the device to the main menu.
- 2 Use the **UP/DOWN** arrow buttons to highlight **Calibration** then select the **Enter** button.
- 3 Follow the onscreen directions to read the white and black calibration plaque.
- 4 When complete the device will return to the main menu on the display.

Perform a Reading

- 1 Select the “X” button at the top of the display to return the device to the main menu.
- 2 Use the **UP/DOWN** arrow buttons to highlight **Store** then select the **Enter** button.
- 3 Press the device down to take the measurement then release when it signals complete.
- 4 Repeat step 3 until the required number of measurements are taken to complete the reading.
⇒ Multiple readings can be stored by completing multiple sets of measurements.
- 5 Connect the device data cable to the computer with *PaintManager XI* and proceed to download.
⇒ PaintManager XI does not require a separate process for taking remote readings.

Delete Stored Measurements

- 1 Select the “X” button at the top of the display to return the device to the main menu.
- 2 Use the **UP/DOWN** arrow buttons to highlight **Store** then select the **Enter** button.
- 3 Use the **DOWN** arrow buttons to highlight **Sample** then select the **Enter** button.
- 4 Use the **UP/DOWN** arrow buttons to highlight **Delete all Samples** then select the **Enter** button.
- 5 Use the **UP/DOWN** arrow buttons to highlight **Yes** then select the **Enter** button.

Factory Reset

- 1 Unplug the device from the power supply and turn off using the black round button on back of unit.
- 2 Press and hold the **X + Down Arrow + Power** buttons until you see “**Setting have been restored**”.
- 3 Press **Enter** to accept and return to the main menu.



Enter Key



Back Key





Up or Down Keys

PAINTMANAGER® XI


LIC Spectro Operation for X-Rite CI61

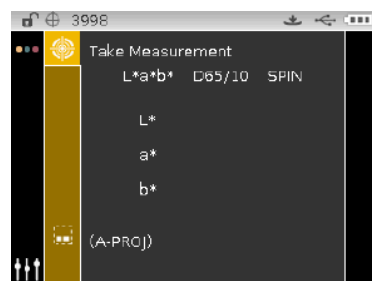
Calibration

- 1 Power on the device and highlight the 
- 2 Tap the **Select** button.
- 3 Navigate **Right** to **highlight the Arrow**. 
- 4 Tap the **Select** button.
- 5 Follow the on screen prompts to **Read** the **White** and **Black** calibration tiles..
- 6 Tap the **Select** button to finish and return to start.




Perform a Reading

- 1 From the start screen select the **Measure Icon**. 
- 2 Tap the **Select** button .
- 3 Position the **Target Window** over the sample.



Tip: Once in the Measurement screen **Lock** to disable the **Navigation** buttons.



- 4 **Press Down** on the device and hold until the measurement is complete then **Release**.
- 5 **Repeat** until the necessary measurements are finished to complete the reading.
- 6 **Navigate** left to highlight the **Main Menu Icon** and tap the **Select** button to return to start. 
- 7 **Connect** the data cable to the PaintManager XI computer.
- 8 You are ready to open PaintManager XI and **Download** your reading.

PAINTMANAGER® XI

LIC Spectro Operation for X-Rite CI61

Delete All Standards

1 From the start screen Navigate Left to highlight the **Configuration Icon**.



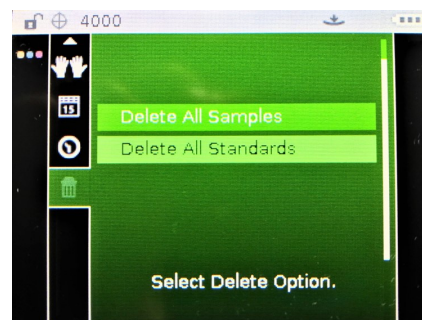
2 Tap the **Select** button to enter the **Configuration Menu**.

3 Arrow all the way to the bottom to highlight the **Delete Icon**.



4 Tap the **Select** button.

5 Use the down arrow to select **Delete all Standards**.



6 Tap the **Select** button.

7 Navigate right to highlight the **Check Mark** to confirm deletion.



8 Tap the **Select** button.

9 Navigate to the far left to highlight the **Main Menu Icon**.



10 Tap the **Select** button to return to start.

Reset

1 There is no factory reset feature for this device.

2 Begin by following the steps to **Delete All Readings**.

3 Then power the device off and remove the battery.

4 Finish by reinserting the battery and powering up the device.

