

Preset Search Replace

Introduction

Preset Search Replace searches a chosen Sequence for stored Preset references and replaces found references with another Preset. Hard Preset Data and Recipe Data can be searched separately or together, across the Cues and Cue Parts of the chosen Sequence.

The plugin also provides a Clean Up Raw Data function. This identifies attributes with Raw Data values and suggests up to 5 Presets that could replace those values with Preset references. You can review each row, choose another Preset, Remove the Raw Data values or leave them unchanged.

Scan and Preview Report allow you to review a replacement before applying it to the chosen Sequence.

This guide covers Preset Search Replace v1.0.0.0 for grandMA3 software 2.4 and 2.5.

First Time Use

When using this plugin for the first time, you will be required to activate your Licence Key provided to you at the time of purchase. You will need an internet connection to do this, either using MA onPC on a computer with an internet connection or on a console with a wired internet connection.

There are two types of Licence you can purchase. USB bound License Keys or Device bound License Keys.

For USB Licenses, you will need a USB drive connected to your grandMA3 system to authenticate as your USB drive holder for your Licence Key. You can use the same USB drive to hold all of your Matt Jones LD Plugin Licence Keys.

For Device License, you are able to authorise a MA Lighting grandMA3 console as the holder of your Device License. grandMA3 onPC systems, including grandMA3 onPC Command Wing XT systems are not available to be registered with a Device License.

It is possible to Remotely register and deregister a console using grandMA3 onPC connected in sessions with the console intended to be the Device Licence holder.

Once licenced, the plugin will open and you will be able to start using Preset Search Replace with your Licensed USB connected or on a Licensed grandMA3 Device.

More information on the Device Licence procedure is documented at the end of this User Guide.

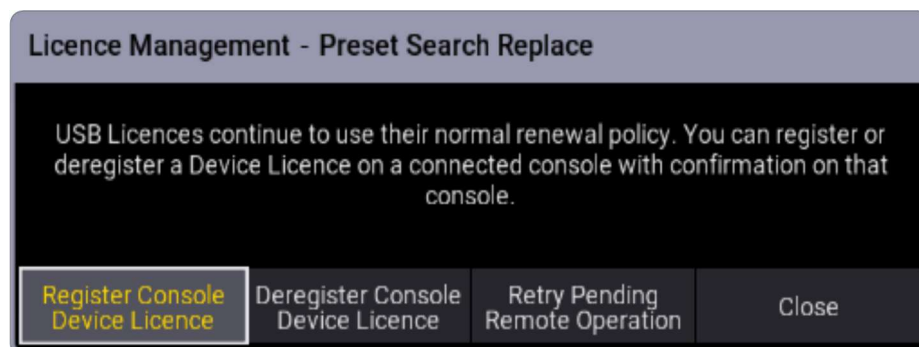
Note: Before applying changes, save your show and confirm the Sequence and Presets you intend to use. The plugin writes to the original Sequence. Backup Source Data is off by default.

Licence Options and Management

USB Bound Licence: A USB Licence registers a USB drive for plugin operation. Keep the chosen USB drive connected while using Preset Search Replace. The same USB drive can hold Licence Keys for multiple Matt Jones LD plugins. An internet connection is required to activate a Licence or when prompted to renew a Licence registration.

Device Bound Licence: A Device Licence is registered directly to eligible grandMA3 console hardware. Device Licences are not eligible for grandMA3 onPC systems. A Device Licence does not require a USB drive with a Licence to use Preset Search Replace. Internet connectivity is required to register or deregister the Plugin.

Licence Management: The Settings icon in the Main UI title bar to opens Licence Management. Use the available controls to manage a Device Licence before transferring it to another eligible console. Closing Licence Management returns to Main when the Licence permits operation.



Recheck Authentication: If a Licence has been restored or renewed, connect the console or onPC station to the internet and select Recheck Authentication when offered in the Licence message.

Date and Time: It is important to keep the console or computer Date and Time accurate. If the Licence dialog reports a Date Mismatch, correct the Date and Time and follow the instructions shown before trying again.

Getting Started

For a Preset replacement, choose a Sequence by either entering a Sequence number or choosing a Sequence from the pick list. Enter the Find Preset and Replace Preset, either by entering a Preset Pool object (eg. 1.1 for Dimmer Pool object 1) or by using the Preset picker, select either Hard Data and/or Recipe Data, then select Scan.

In the Replacement Targets window, review the matched items, deselect Attributes you wish to exclude and/or deselect Recipes you want to retain and open Preview Report. Preview Report will summarise the Presets and/or Recipes that will be affected.

You will then have the option to Set Backup Source Data if required. Select Apply and confirm the operation.

For raw-value cleanup, choose a Sequence and select Clean Up Raw Data. The 'Find Preset' and 'Replace Preset' fields are not required for this workflow.

Review the suggested Presets before choosing a row action or continuing to the replacement preview.

Main UI

Sequence: Enter a Sequence number or select it with the adjacent picker icon. The field displays the number and object name when the entry is validated.

Find Preset: Enter the pool and slot number of the Preset reference to find, such as 1.9, or use the adjacent picker. Confirm the displayed Preset name.

Replace Preset: Enter or pick the replacement Preset, such as 1.6. This is the Preset to assign to the selected matching references.

Hard Data: Searches directly stored Preset references in the chosen Sequence's Cue and Cue Part data. The 'Hard Data' option is selected by default. This option does not search for numerically similar raw values or Recipe Value references.

Recipe Data: Searches Recipe Line Values in the chosen Sequence for the Find Preset. This replaces a matching Preset reference in the Value field and does not change the Recipe Selection or other ingredients.

Both data options can be selected together, or either can be selected alone. At least one must remain selected to proceed.

Scan: Searches the chosen Sequence and opens the Replacement Targets dialog. Scanning alone does not apply Preset replacements.

Restore from Backup: Becomes available when a restorable backup has been prepared in the current plugin session. See Restore from Backup before relying on this control.

Clean Up Raw Data: Opens the raw-value assessment and cleanup workflow for the selected Sequence.

Close: Closes the plugin. Complete any required Restore from Backup operation before closing it. Closing the plugin before performing a Preset swap or Raw Data Clean Up will leave data unchanged.

The screenshot shows the 'Preset Search Replace' plugin window. At the top, there's a title bar with a double arrow icon, the text 'Preset Search Replace', and icons for settings (gear) and close (X). Below the title bar, a message reads: 'Choose Hard Data and/or Recipe Data; at least one is required. Sequence DataPool: Default scan makes no changes.' The interface has three main input fields: 'Sequence' with a dropdown menu showing '501 - Kylie Minogue', 'Find Value' with a text input field, and 'Replace Value' with a text input field. Each field has a menu icon (three horizontal lines) to its right. Below these fields, there are two radio buttons: 'Hard Data' (checked) and 'Recipe Data' (unchecked). Below the radio buttons, a message states: 'Restore from Backup becomes available after replacement files have been backed up.' Below this message, there are two progress indicators: 'Overall progress: 0%' and 'Ready - 0%'. At the bottom, there are four buttons: 'Restore from Backup', 'Scan', 'Close', and 'Clean Up Raw Data'.

Using the Pickers

The Sequence picker allows you to search for a Preset or Sequence in the displayed list and a DataPool selector allows you to choose data from a different DataPool.

Select the DataPool that contains the Sequence, then find it by number or name.

The Preset fields use the native Recipe Value picker. Select a Preset from the required pool.

Replacement Targets

Replacement Targets shows what the current search found and what is selected for replacement. When both data types are included, Hard Data Attributes appear first, followed by Recipe Line Values.

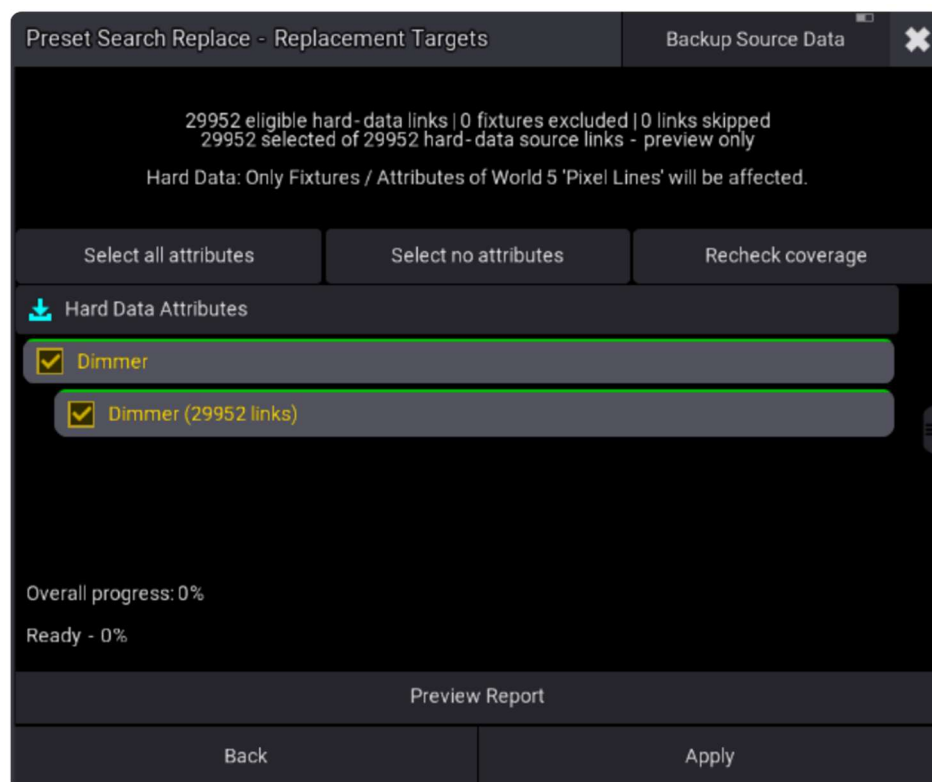
Hard Data Attributes: The list groups matched attributes by feature group. Checked attributes are included in the operation. Deselect an attribute, or its feature group, to retain those references.

Select all attributes and Select no attributes: Select or deselect the Hard Data attribute controls. These buttons do not change the individual Recipe Line selections.

Recheck coverage: Reassesses whether the replacement Preset can be used for the matched fixture data. Review Preview Report again after changing the selection or rechecking coverage.

Recipe Line Values: The summary identifies the number of Cues, Cue Parts and matching Recipe Lines. Each matched Recipe Line has a checkbox and identifying information. All are checked by default; unchecked lines are excluded from replacement.

Back: Returns to the Main UI without applying the prepared replacements.



Preview Report

Select Preview Report to review the proposed changes. The report identifies the Sequence number and name, Original Preset and Replacement Preset. Hard Data entries show affected Cues and Cue Parts and the number of fixtures included. Cues with no planned replacements are omitted.

Recipe entries identify the Cue, Cue Part and Recipe Line and are marked with the cooking icon. Its colour distinguishes Standard and Phaser Recipes in the same way as grandMA3. Unchecked Recipe Lines are not included in the planned replacements.

Excluded Fixtures: Where present, this section explains why fixture data could not be included, such as missing replacement coverage or an unsupported stored-data combination. These are compatibility exclusions, rather than a separate manual fixture-selection list.

Close the report to return to Replacement Targets. The preview does not apply changes. If you adjust the selected attributes or Recipe Lines, review the updated report before applying.

Preset Search Replace - Preview Report		
Sequence 501 - Kylie Minogue		
Original DataPool 1 Preset 1.9 - 40 Replacement DataPool 1 Preset 1.11 - 50 Planned replacements - no changes applied; recipe Values: 0		
Planned replacements - Cues (13)		
Cue / Part	Name	Fixtures
Cue 901	Slow - Beat Intro	2304
Part 0	Slow - Beat Intro	2304
Cue 1113	'Toot Toot'	2304
Part 0	'Toot Toot'	2304
Cue 1116	'Toot Toot'	2304
Part 0	'Toot Toot'	2304
Cue 1119	'Toot Toot'	2304
Part 0	'Toot Toot'	2304
Cue 1122	'Toot Toot'	2304
Part 0	'Toot Toot'	2304
Cue 1125	'Toot Toot'	2304
Part 0	'Toot Toot'	2304
Cue 1128	'Toot Toot'	2304
Part 0	'Toot Toot'	2304

Backup Source Data

Replacement Targets and Clean Up Raw Data each provide a Backup Source Data switch in the title bar. The switch starts off for a new workflow. With it off, the operation follows Skip Backup: no source backup is created and Restore from Backup is unavailable for that operation.

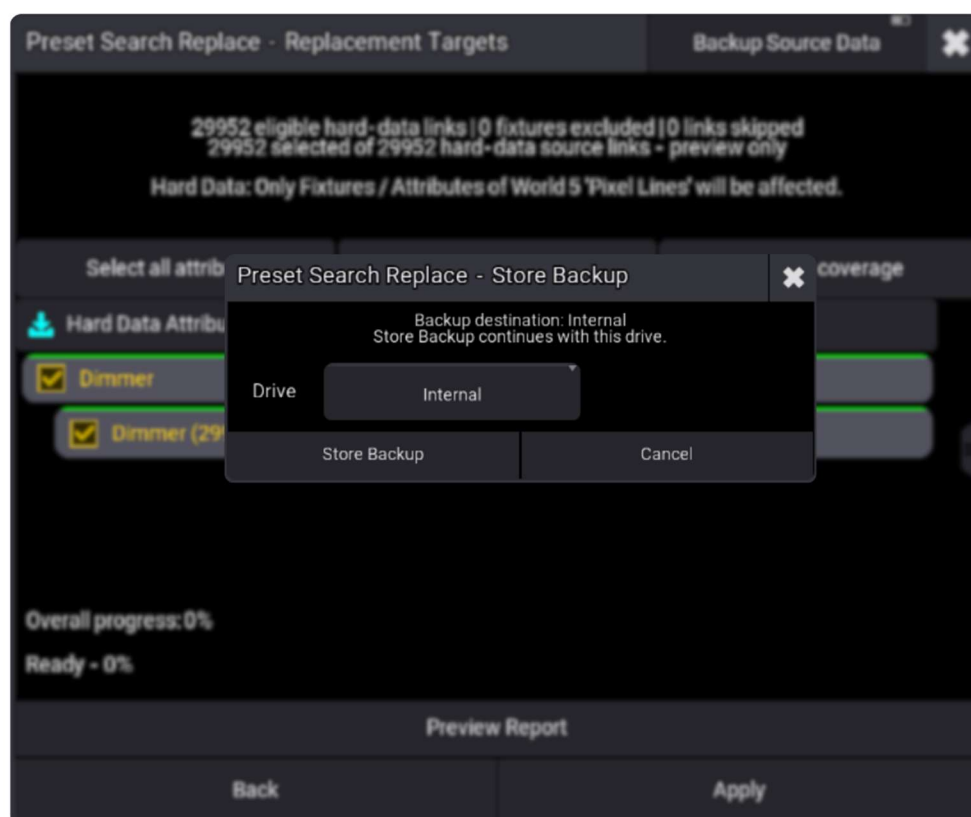
Turn the switch on: The Store Backup dialog opens. Choose Internal or a connected USB drive using the Drive selector, then select Store Backup. The backup is kept in a dedicated Matt Jones LD Plugins folder on that destination.

Skip: Continues without a backup. The Backup Source Data switch remains off.

Cancel: Closes the backup options without selecting a destination. Review the switch state before applying changes.

The backup choice applies to actions within that workflow. In Clean Up Raw Data, one source backup covers the row actions in that cleanup session; you are not asked to choose a backup for every row. The backup choice is fixed once changes have started.

Note: A plugin source backup is separate from saving your complete show. If you skip backup, later turning the switch on cannot recover changes already made without one.

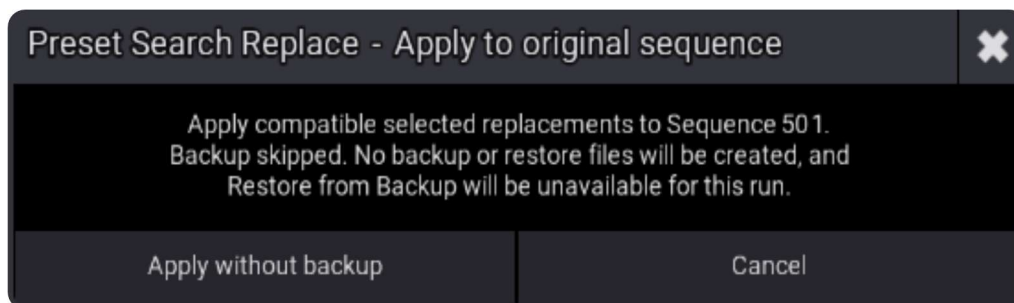


Applying Replacements

After reviewing the targets and Preview Report, select Apply. A confirmation message will show, and if you have chosen to not backup the source data you will be asked to confirm this. You will have two options - 'Apply without backup' will proceed with the Preset replacement. Cancel will abort the prepared changes.

The plugin replaces the selected compatible references in the original Sequence. Other Preset definitions are not changed. Progress is displayed while the operation runs. Allow it to finish before editing the affected Cues, Cue Parts or Presets.

When the result message is closed, Replacement Targets closes and the Main UI returns. Review the Sequence in your grandMA3 Tracking Sheet before proceeding with another operation.



Using Worlds to Filter Attributes and Selections

It is possible to use Worlds to limit the scope of Preset Search Replace, in the same native manner in grandMA3.

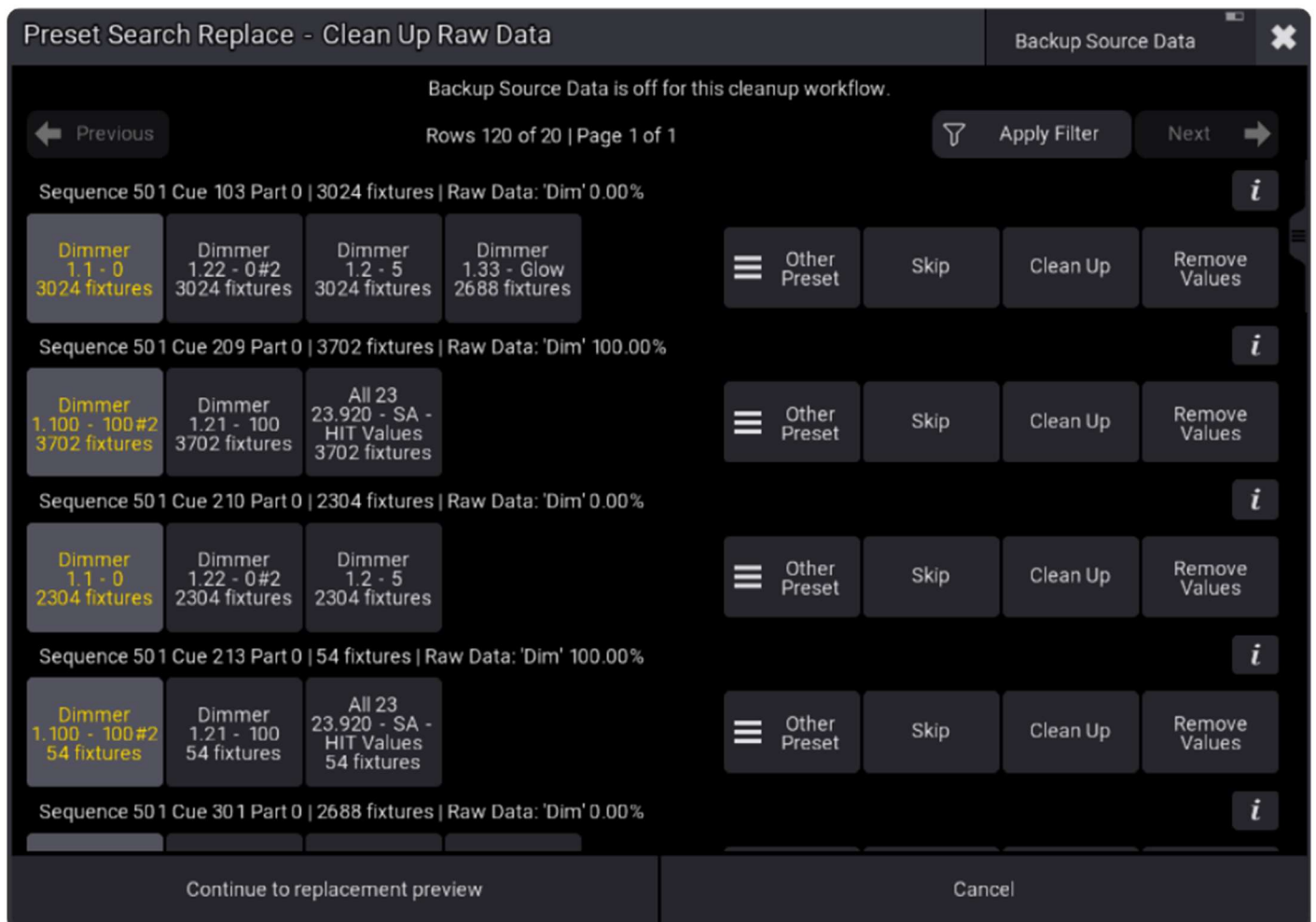
If you are in a World other than the default World 1, the Search and Replacement and Clean Up functions will be limited to the contents of that World, that same way World work natively.

This is helpful to limit the scope of Preset Search Replace actions.

Clean Up Raw Data

Select a Sequence in Main, then choose Clean Up Raw Data. The plugin assesses supported raw fixture values stored in its Cues and Cue Parts and suggests Presets that could replace them with Preset references. This workflow does not require Find Preset or Replace Preset.

Raw data means an eligible stored attribute value without an absolute Preset reference. For cleanup, the value must be supported as a single-step absolute value. The display value Min is treated as 0%. Relative, cooked, integrated or other unsupported data may be skipped or restricted.



Row organisation: Rows are organised by Cue, Cue Part, attribute and raw value. A Cue Part can therefore appear more than once when different attributes or values contain raw data within the same Cue or Cue Part. Each row identifies its fixture count and attribute, such as Raw Data: Dim 0.00%.

Preset suggestions: Up to five suggestions are shown for a row. Each tile identifies the Preset Pool type, Preset number and name and the number of matching fixtures it can cover. A Preset may cover only part of the row.

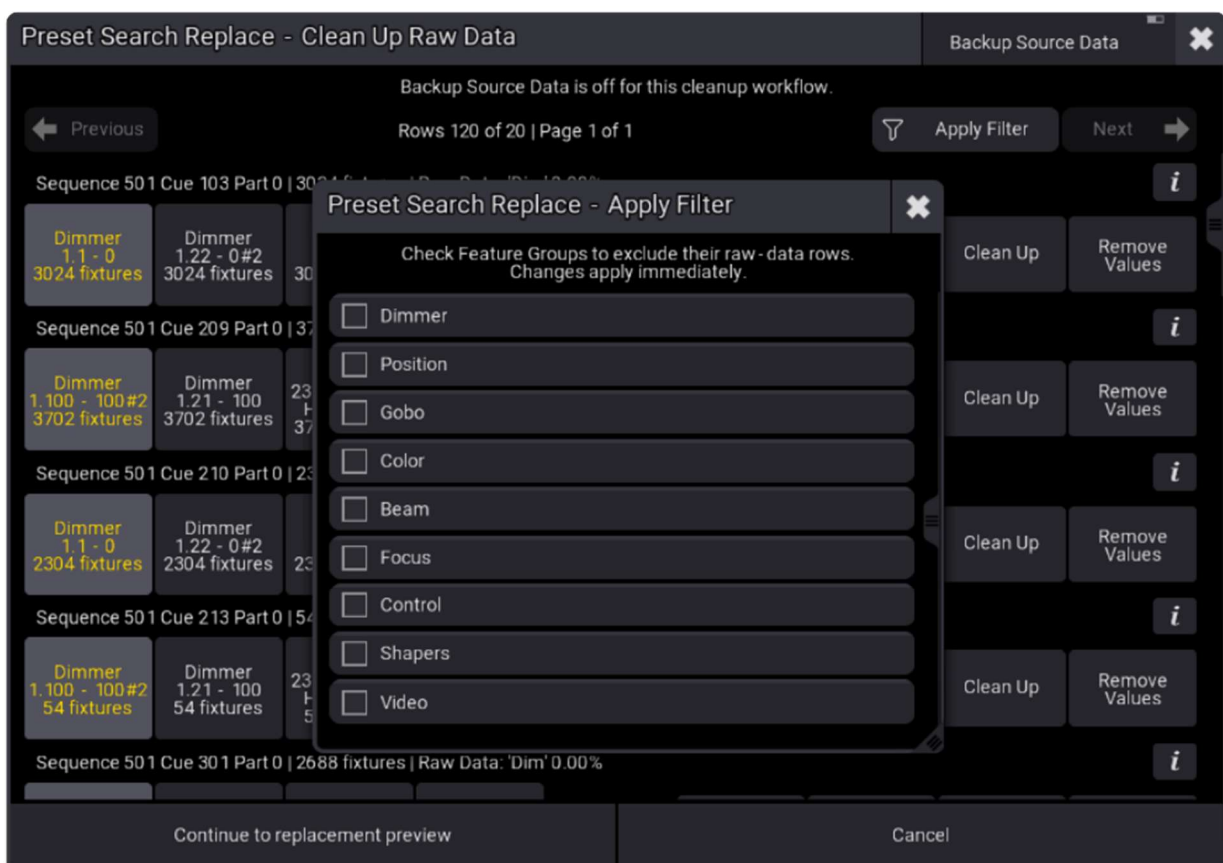
Matching tolerance: Automatic suggestions use a tolerance of plus or minus 5 percentage points on the attribute percentage scale. For example, a raw value of 50% can match a suitable Preset value from 45% to 55%. A suggestion can therefore produce a small change in output.

The assessment focuses on relevant attribute-type Preset Pools while also considering All and special pools that may contain suitable data. Suggestions prioritise fixture coverage and then closeness of values. The first suggestion is pre-selected initially; review it before applying.

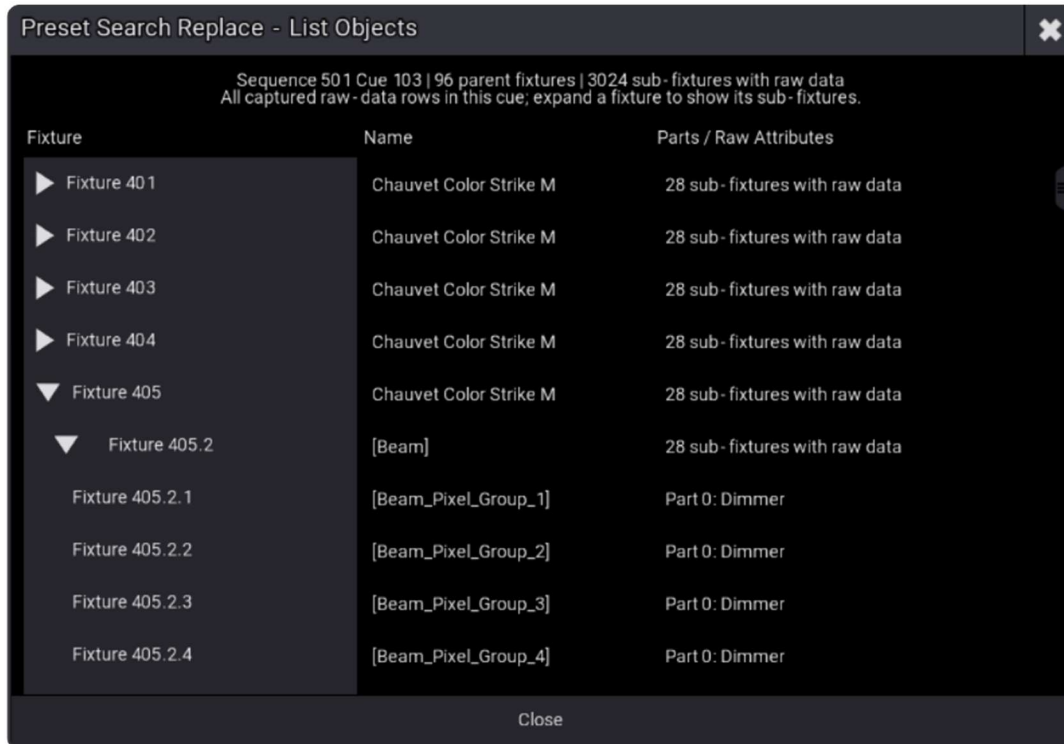
Other Preset: Opens the native Recipe Value picker so you can choose an alternative Preset. The chosen Preset is displayed on that control and deselects the other tiles on the row.

Note: A manually chosen Preset is not limited to the automatic 5-percentage-point matching tolerance. Confirm that its values and fixture coverage are appropriate before applying it

Filters: It is possible to filter the results displayed in the Clean Up Raw Data list by Feature Groups. The list of filters is dependant of the Patched fixtures in your show file.



List Objects: The ‘i’ button at the end of each row presents a List Object report of the Fixtures that will be affected by each Clean Up row. The information displayed shows the Fixture ID’s and any child Sub Fixtures. In each report, the Sequence and Cue information is also summarised, alongside the Fixture data summary.



Working with Cleanup Rows

Set Backup Source Data at the top of Clean Up Raw Data before making row changes if you want a backup for the session. Selecting a Preset tile only prepares a choice; the data is changed when you use Clean Up, Remove Values or the final Apply workflow.

Clean Up: Applies the selected Preset to the compatible raw values in that row. Progress appears while the operation runs. After a successful result, the replaced data is cleared from the list. If only some fixtures could be replaced, the remaining data stays available for review.

Skip: Removes the row from this cleanup list without changing its Cue data. A later cleanup scan can find the same raw values again.

Remove Values: Removes the supported raw attribute values represented by that row, rather than assigning a Preset. This can change what the Cue outputs or allows to track from earlier Cues. Review the result in the Track Sheet and in playback.

Unavailable Remove Values: The button is disabled if the row contains a stored-data combination that cannot be removed safely by this action. For example, a channel that also contains relative data cannot be removed as an absolute-only cleanup row.

Closing an individual Clean Up or Remove Values result keeps the cleanup list open for the next row. If an action fails, its row remains available for review. Do not assume the data is unchanged just because a failure was reported.

Applying the Remaining Rows

It is possible to Clean Up Raw Data row by row or in a batch action.

Pressing 'Clean Up' on a row, cleans up the Raw Data with the selected Preset, and clears that row from the Clean Up Raw Data menu.

To process several rows in a batch action, select from the suggested Presets or choose a different Preset using the 'Other Preset' button. Once all rows have a Preset selection applied, select Continue to replacement preview. The remaining rows with a selected compatible Preset are transferred to Replacement Targets.

Use the 'Skip' button on rows to retain the Raw Data in that cue, as it. Skipped rows and data already cleared by successful Raw Data Clean Up actions are not added again.

The 'Remove Values' button removes the Raw Data Values from the cue and permits Tracked Data to flow into that Cue.

Review the selected attributes and Preview Report, then select Apply and confirm. The cleanup workflow retains its backup choice. After the bulk result is closed, the plugin returns to the Main UI.

Cancel: Closes the cleanup list without applying its remaining prepared choices. It does not undo row actions that have already completed. Use Restore from Backup from Main when a suitable backup is available.

Restore from Backup

Restore from Backup is available from the Main UI after a restorable backup has been prepared in the current plugin session. Keep the plugin open until you have checked the result and decided whether restoration is needed.

Select Restore from Backup, read the confirmation and choose Restore affected parts. The operation returns the affected stored data to its saved pre-apply state. Other Cues are left as they were. A cleanup-session backup covers the changes made under that session backup.

Note: Restoring overwrites later edits in the affected Cues and Cue Parts. Restoration may be stopped if required backup files are missing, the original target has changed or the Presets needed for restoration have changed. The button is not a general browser for backups from earlier plugin sessions.

Result Messages

A successful replacement message reports how many Preset references and/or Recipe Values were replaced and identifies the old and new Presets.

Cleanup and removal actions report the corresponding raw-value result.

Fixture totals in Preview Report are not necessarily the same as reference totals: one fixture can have more than one affected attribute reference.

If an operation stops prematurely, the popup summarises the failure and the System Monitor provides further details. Some changes may already have been applied before the stop.

Check the affected data and the backup status before retrying or restoring. The plugin does not export reports. To do so, use the Keyword 'Dumplog' and supply the exported System Monitor report to support@mattjonesld.com for review.

Practical Tips

Nothing found: Check the Sequence, its DataPool, the Find Preset and the Hard Data/Recipe Data selections. A visible value may be raw data or Recipe-generated data rather than a directly stored Preset reference. Use the workflow that matches the data you want to change.

Incomplete cleanup coverage: Review the Fixture count shown on the selected tile. A suggested Preset may not contain suitable data for every fixture (ie. the Preset is Selective or Global and cannot be applied to all Fixtures). Choose another Preset or review the remaining row after applying.

Review before applying: Confirm object numbers and names, check Preview Report and save the show before broad changes. After using Remove Values, review tracking as well as the affected Cue itself.