Adding Parts to Fixtures and Why It's Worth Doing Right

A fixture in Sytewise is more than a name on a list. It's a container for the actual equipment that makes a space work: the controllers, panels, processors, cameras, access points, HVAC units, or whatever physical components live inside that fixture's scope. Parts are how you get that equipment into the record, and tracking parts is how the record becomes genuinely useful over time.

This article covers every way to add parts to a fixture, how to use the library system to make repetitive builds fast, and why the investment in building out accurate part records pays off every time something breaks, gets replaced, or needs to be reported on.

Why Track Parts at All

Before getting into the how, it's worth saying a word about the why, because this is the step many teams skip and later wish they hadn't.

When a fixture has documented parts, every work order that touches that fixture tells a more complete story. The technician arriving on-site sees exactly what's installed, where each component is located, the part number, manufacturer, model, and installation date. No guesswork, no calling around to figure out what brand of controller is in the rack.

Status tracking at the part level is where things get even more useful. Each part carries a green or red status. Green means operational. Red means it's a problem. When parts go red, the fixture's overall status reflects it, which feeds into survey reports, work order triggers, and dashboard counts. Over time, the history of which parts went red and when becomes a maintenance record. That record tells you which components fail most often, which fixtures need the most attention, and whether a pattern of failure suggests a systemic issue rather than random bad luck.

For AV integrators, the parts record is essentially the as-built documentation for the installation, structured in a way that survives vendor transitions, staff turnover, and the general amnesia that tends to accumulate over years of managing a complex system.

Finding the Parts Section on a Fixture

Open any fixture from the property detail page or from the Fixtures list. The fixture detail page shows a map or floor plan on the left and a column of cards on the right. The **Parts in Fixture** card is where all part management lives.

The card has a small toolbar at the top with buttons for **Save**, **Clone**, **Library**, and **New Part**, plus quick-action buttons for **Check All** and **All Green**. The part list loads below. Each part appears as a row with its part number, position, description, and a status indicator.

Adding a Part by Hand

Click **New Part** to open the part entry modal. The modal has two tabs: **New Part** and **Add From Library**. New Part is the one you want for entering a component from scratch.

Required Fields

Part No (Serial No) is required and must be unique within the fixture. This is the identifier you'll use to track this specific component. Use the actual part number, serial number, or a structured internal identifier, whatever makes sense for your workflow. Just make it meaningful because it's what you'll be searching and reporting on.

Description is required and is the plain-language name for this part. "Left Audio Processor," "Rack Controller Unit 2," "East HVAC Compressor." Keep it descriptive enough that someone unfamiliar with the installation understands what they're looking at.

Optional Fields That Are Worth Filling In

Position is a short field (up to 12 characters) for noting where this part lives within the fixture. "Rack 1," "Left Wall," "Bay 3," or coordinates if you're working with a structured grid. Position makes the parts list readable at a glance and helps anyone walking into the space orient themselves quickly.

Manufacturer and **Model Number** round out the identification of the part. These fields are what

connect a part record to a real-world product, which matters when you need to reorder, file a warranty claim, or find a compatible replacement.

Installed Date defaults to today but should reflect the actual installation date if you're backfilling records. This is the starting point for warranty tracking and age-based maintenance planning.

Warranty Expire Date and **Warranty Description** are there if you want to track coverage. A fixture with expiring warranties worth thousands of dollars is worth flagging before those dates pass.

Table Details is a flexible free-text field that displays as a structured table on the part record. Format it as one item per line with comma-separated label and value pairs. Use it for firmware versions, configuration details, IP addresses, calibration values, or any structured technical data that doesn't have a dedicated field. It's flexible by design and useful for capturing the specifics that matter for your particular type of equipment.

Click **Save** and the part is added to the fixture. Its status is set to green (operational) by default and a creation entry is written to the part history log.

Cloning a Part

When you have multiple identical or nearly identical components in the same fixture, cloning is significantly faster than entering each one by hand.

Select the part you want to clone by checking its checkbox in the parts list. With exactly one part selected, the **Clone** button in the toolbar becomes active. Click it.

The clone modal asks for two things: a new **Position** (optional) and a new **Part No** (required). Every other field, description, manufacturer, model, all the technical specifications, copies exactly from the original. The installation date is set to today and the status is set to green.

This is the right tool when you're documenting a row of identical display panels, a bank of matching controllers, or any configuration where the components share the same specs but need individual identifiers. Clone the first, give each copy a unique part number and position, and you've built out the full inventory in a fraction of the time it would take to enter each record separately.

Adding Parts from the Library

The Library is where the real portfolio-scale efficiency lives.

What the Library Is

A library item is a saved snapshot of a part record, stored at the account level and available to any fixture across any property in your portfolio. It captures every field: part number, description, manufacturer, model, position, all technical specifications, and any structured detail data. You create a library item once and apply it to as many fixtures as you need, each time generating a fresh part record with the stored specifications and whatever installation date you set for that specific deployment.

This is the feature that transforms the difference between managing five identical fixtures and managing five hundred of them. The specs are defined once. Every fixture that uses that component type gets its part records from the same source.

Saving a Part to the Library

Before you can use the library, you need to save something to it. In any fixture, select one or more parts by checking their checkboxes. Click the **Library** button in the toolbar. The modal asks for a **Library Title**, up to 24 characters. Give it a name that will make sense when you're searching for it from a completely different fixture six months from now. "Samsung SB-1 Controller v2.3" is more useful than "Controller."

Click **Save** and the part is stored in the library with its complete field data serialized and ready to redeploy.

Applying a Library Item to a Fixture

On any fixture, click **New Part** and switch to the **Add From Library** tab. A list of all saved library items in your account appears as radio buttons. Select the one you want, set the **Parts Install Date** for this specific installation, and click **Add From Library**.

A new part record is created with all the stored specifications from the library item and the installation date you specified. The part is independent from the library item from that point forward. Changes to the library item don't affect parts already deployed from it, and changes to the deployed part don't affect the library item or other fixtures that used it.

Where the Library Shines

Consider a portfolio of retail locations, each with the same model of HVAC unit, or a chain of venues all running the same AV platform. The first time you document that equipment at one

location, you build the parts records carefully: correct part numbers, model numbers, firmware versions, all technical details accurate and complete. You save those parts to the library.

At every subsequent location, you open the fixture, click New Part, switch to Add From Library, select the part, set the install date, and move on. The record is as complete and accurate as the first one without any additional data entry. Multiply that across dozens or hundreds of locations and the time savings are substantial. More importantly, the consistency is perfect. Every location's records describe the same equipment in the same way, which makes cross-portfolio reporting and maintenance planning dramatically cleaner.

The library also serves as an institutional knowledge base. If a particular component type has specific technical details that a new team member wouldn't know off the top of their head, those details live in the library item and deploy with every new installation automatically.

Managing Part Status

Part status is the real-time health indicator for each component. Green means operational. Red means it needs attention.

You change part status directly in the parts list on the fixture page. Each part has a colored status indicator (green circle for operational, red for problem). Toggle the checkbox next to any part to flip its status. You can change multiple parts at once and then click **Save** to write all the changes to the database in a single operation.

Two quick-action buttons at the top of the parts section make bulk updates easier:

All Green sets every part in the fixture to operational status at once. Useful after a service call where everything was repaired or replaced.

Check All selects all parts, which is the first step if you want to perform any bulk action on the whole set.

When parts go red, the fixture's overall status score recalculates automatically. A fixture with three working parts out of five shows a different health status than one where all five are green. Those status calculations feed into property reports, survey summaries, and the dashboard fixture counts, which means part-level accuracy translates directly into portfolio-level visibility.

Part History

Every part carries a log of changes. In the edit modal for any part, a **Show Part Log** link at the

bottom expands a table showing every recorded event for that part: when it was created, when its status changed, when its part number was updated, and who made each change. Each entry includes the date and the admin user responsible.

This history is also available as a dedicated print view from the part detail page, showing the 100 most recent log entries alongside the part's full specifications.

The history is what turns a part record into a maintenance document. A part that has gone red three times in eighteen months is telling you something. A part that's been green since installation day is telling you something different. You can't have that conversation without the log.

Reference Articles

If your account has the Reference module enabled, parts can be linked to reference articles stored in the system. Reference articles are technical documents, installation guides, configuration references, or any documentation relevant to a specific component type. They link at the model number level and appear on the part detail page and in the fixture print report.

For AV integrators managing complex equipment, linking reference articles to part records means the technical documentation travels with the equipment record rather than sitting in a folder somewhere that only one person knows about.

A Note on the Display Grid Module

If your account uses the Display Grid module for managing LED display systems and media walls, the part form includes additional fields for controller and cabinet components: firmware versions, FPGA and Valens revisions, resolution, grid location coordinates, IP addresses, and LED batch codes. These fields support a structured hierarchy where cabinet panels are linked to their parent controller, and the whole configuration can be built using the grid builder tool or imported from CSV files exported from the display manufacturer's software.

The library system is particularly valuable for Display installations because the technical specifications for a given display configuration are extensive and consistent across deployments. Save the controller and cabinet specs to the library once and every subsequent installation of the same display system starts with a complete, accurate part record.

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