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PiecePilot

User Manual

Organise. Track. Build. Sell.

A practical guide to inventory, sets, BrickLink, eBay, shared references, images and backups.

Open PiecePilot
App: app.piecepilot.co.uk
Website: piecepilot.co.uk

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Before a large change
Download a complete backup before a restore, bulk edit or major import.

SECTION 1

Account, plans and sign-in

Open app.piecepilot.co.uk. Register with your email address, verify the email, and sign in. Use Account to view your plan, trial or subscription and to open Stripe checkout or the billing portal.

Plans

Plan	Included features
Basic - £2.99/month	Core inventory, sets, backup, BrickLink import and review, and part, colour and category references.
Plus - £4.99/month	Everything in Basic, plus advanced inventory tools, custom tables, multiple-part entry and eBay workflows.
Seller - £7.99/month	Everything in Plus, plus part and colour barcode labels with print-sheet presets.

Account controls

- Use Inventory to return to the main app.
- Use Sign out when using a shared computer.
- Use Manage billing to update payment details or cancel through Stripe.
- If you forget your password, use the reset link on the sign-in page.

Your data
Inventory belongs to your PiecePilot workspace. Other subscribers cannot see your stock, imports, settings or transaction history.

SECTION 2

Dashboard, tables and totals

Summary cards show different parts, available stock totals, total pieces, colours and low-stock lines. Select Hide summary when you need more room.

Main tables

Table	What it contains
Available Stock	Inventory lines with quantity above zero.
Out of Stock	Lines whose quantity has reached zero.
Sets	Named builds and their component parts.
Wanted	Parts you plan to obtain.
BrickLink Review	Imported BrickLink lines awaiting checking or transfer.
eBay Sales	Imported or synchronised eBay sales.
eBay Review	Unmatched sales awaiting a part and colour match.
eBay Stock	Inventory reserved for active eBay listings.
Custom tables	Plus and Seller tables, including Incoming Stock, with their own row counts.

Showing and collapsing tables

- Use the coloured table buttons to display or hide a table.
- Use Hide table buttons to hide the complete button row.
- Use a table's arrow to collapse or expand its contents.
- Select New table to create a custom table when your plan includes it.

SECTION 3

Adding and editing stock

Add an item

1. Select Add Item.
2. Enter the part number. PiecePilot checks the shared catalogue and can fill the description, category and part image.
3. Choose the colour, quantity, condition and location. Add purchase price, value, supplier, acquired date or notes when useful.
4. Select Add another colour to create more colour lines for the same part.
5. Save the item. Matching stock lines may be combined instead of duplicated.

Edit existing stock

- Change quantity directly in Available Stock. The value saves automatically.
- Select Edit for the complete record.
- Use the location control for a quick move when available.
- Select Delete to archive the record. It can be restored later.

Images and automatic details

Part images are shared by part number and colour images are shared by colour. If a new part is not yet in PiecePilot's catalogue, the configured Rebrickable API key can supply its name, category and image. Imported details are then available to the shared catalogue.

Plus and Seller subscribers can use Add multiple parts next to Add Item. Enter part numbers and review the resulting rows before saving them. See section 15 for the full workflow.

> Auto-save
> Wait for any saving indicator to finish before closing or refreshing the page.

SECTION 4

Searching, bulk actions and custom tables

Search and sort

- Use Search part... to match part number, description, category, colour, condition, location, supplier or notes.
- Select a sortable column heading to change the order where available. Select it again to reverse the order.
- Use the summary and breakdown controls to narrow the visible stock.

Bulk actions

Select individual rows or use Select all available stock. The available bulk controls can archive records or update category and location for the selected stock.

Action	Result
Find duplicates	Locates stock lines with matching identifying details so they can be merged.
Bulk category	Applies one category to all selected records.
Bulk location	Moves all selected records to one location.
Archive selected	Moves the selected records to the recoverable archive.

Custom tables

Plus and Seller subscribers can create named custom tables, add inventory records to them, edit their contents and remove tables that are no longer required. Custom tables show their stock-row counts in the tabs and are included in complete backups.

> Check the selection
> Bulk actions affect every selected row, including rows outside the visible area after scrolling.

SECTION 5

Out of Stock and Wanted Parts

Out of Stock

When an ordinary stock line reaches zero, it appears in Out of Stock. Edit it or increase its quantity to return it to Available Stock. The description, category, colour, condition and location remain attached to the record.

Wanted Parts

- Choose the wanted option when adding a part, or use the wanted workflow from the inventory interface.
- Record the desired part, colour, quantity and notes.
- Use search and sorting to plan purchases or set builds.
- Move or add obtained parts to stock when they arrive.

Using the lists together

Situation	Recommended action
A stocked part sells out	Leave the line at zero so its details remain in Out of Stock.
You intend to buy a new part	Create a Wanted record with the required quantity.
A wanted part arrives	Add it to inventory, then update or remove the Wanted record.
A set is missing components	Use Set buildability in Inventory tools to identify shortages.

Zero quantity
A normal stock line moves to Out of Stock. A zero-quantity set component may be removed from that set.

SECTION 6

Creating and managing sets

Select Add a Set to create a named set record. Add component part numbers, colours and quantities. A set can represent an official LEGO set, a custom build or any grouped stock project.

Set workflow

1. Give the set a clear name and add optional notes or an image.
2. Add component lines from stock or enter them manually.
3. Review component quantities before deducting or transferring stock.
4. Duplicate a set when building a similar version.
5. Archive a set when it is no longer active; restore it from the global archive if needed.

From stock and buildability

Use the set-from-stock workflow to form a set from selected inventory. Set buildability in Inventory tools compares requirements with current stock and highlights shortages.

Set images

Upload or import a set image where the set controls offer it. Set images are stored separately from shared part and colour references.

> Check before transfer
> Component transfers change inventory quantities. Download a backup before a large set reorganisation.

SECTION 7

BrickLink imports and review

BrickLink import and review are included in Basic, Plus and Seller. Open File and choose either Import BrickLink Purchases or Import BrickLink Inventory. Upload the complete file requested by the dialog.

Import process

1. Download the relevant XML or inventory file from BrickLink without editing its structure.
2. Upload it in PiecePilot, choose Available Stock or, on Plus and Seller, a user-created destination table, then wait for the file to be saved.
3. Known lines can transfer directly; unfamiliar or incomplete lines appear in Parts Review.
4. Check part number, description, category, colour, condition, quantity and image.
5. Select reviewed rows and add them to the appropriate table when they are correct.

References and colours

BrickLink imports can add shared part catalogue information. Colour numbers are mapped to colour names wherever a mapping is available. Use Colour Reference to inspect or correct colour information.

If the same file has been imported before, PiecePilot warns you before importing it again. Continuing adds its lines and quantities again.

If an import fails

- Use the original complete export rather than a shortened preview or copied table.
- Confirm the file finished downloading and is not open or damaged.
- Try a fresh export from BrickLink.
- Keep the review panel open until PiecePilot reports completion.

SECTION 8

eBay Sales, Review and Stock

Plus and Seller subscribers can connect eBay, import sales and synchronise listing activity when the eBay controls are enabled. Open File for connection, import and sync controls.

eBay Review

A sale that cannot be matched confidently appears in eBay Review. Match it to a PiecePilot part number and colour, check the quantity, then deduct it from the correct inventory line.

eBay Stock

- Allocate inventory to eBay Stock when it is reserved for a listing.
- Use the listing and mapping controls to associate eBay items with PiecePilot records.
- Return one line or multiple selected lines to ordinary stock when a listing ends or stock is withdrawn.
- Review synchronisation results before making manual corrections.

Area	Use
eBay Sales	Completed imported or synchronised sales.
eBay Review	Unmatched sales requiring a manual inventory match.
eBay Stock	Stock reserved for or associated with eBay listings.

Avoid double deduction
Check whether an eBay sale has already been synchronised before manually reducing stock.

SECTION 9

References, shared catalogue and images

Part, colour and category references are included in Basic, Plus and Seller. PiecePilot uses a shared catalogue for common reference data while keeping each subscriber's inventory private.

Reference	What is shared
Part	Part number, description, category and part image.
Colour	Colour name, BrickLink mapping, swatch or shared colour image.
Category	Category name and, where available, a category image.
Condition	Workspace condition choices used by inventory forms.

Managing references

- Use Part Reference to add or correct catalogue details without creating stock.
- Use Colour Reference to view names, replace images and import the shared colour library.
- Use Category Reference to add or manage category choices.
- Use Import missing images in Inventory tools to retrieve images for known part references.

Image behaviour

A stored part image can be reused across every matching part. Shared colour images and swatches are available to all subscribers and do not need to be reimported for each account. A browser may briefly show a placeholder while a newly imported image is being stored.

> Catalogue corrections
> A catalogue edit can affect how matching parts appear for other PiecePilot users. Enter verified names and categories only.

SECTION 10

Inventory tools

Select Inventory tools to open advanced maintenance and planning functions.

Tool	Purpose
Set buildability	Compare set requirements with available stock and identify missing components.
Stocktake	Count physical stock and reconcile recorded quantities.
Undo Centre	Review and reverse supported recent operations.
Location labels	Prepare labels for storage locations.
Part barcodes	Seller: enter part numbers and print barcode labels with available descriptions.
Colour barcodes	Seller: enter colour names and print barcode labels.
Part images	Import missing part images for catalogue references.
Data quality	Find incomplete, inconsistent or duplicate inventory data.

Recommended maintenance

- Run Data quality after a large BrickLink or eBay import.
- Use Stocktake periodically to confirm physical quantities.
- Import missing images after adding a large group of new part references.
- Use Undo Centre immediately after a supported accidental action.

> Undo is not a backup
> Undo Centre covers supported operations only. Keep regular complete backup files for disaster recovery.

SECTION 11

Settings and dropdown lists

Open Settings to manage defaults and lookup values used by forms. Settings are saved to your workspace and included in complete backups.

Typical settings

- Default condition, category or storage location for new items.
- Dropdown values that match the way you organise stock.
- Rebrickable API key for looking up unknown parts and importing images.
- Display and workflow preferences offered by the current app version.

Rebrickable key

Create a personal API key in your Rebrickable account, then paste only the key value into PiecePilot Settings. The key is stored as a protected workspace setting and is used by server-side lookup routes.

Dropdown management

Change	Effect
Add an option	Makes a new value available in matching forms.
Hide an option	Removes it from normal selection without changing existing records.
Rename or replace	Use reference managers where available; check existing stock afterward.
Restore defaults	Reintroduces standard choices without deleting inventory.

Keep keys private
Never share API keys, Stripe keys, webhook secrets or account passwords in screenshots or support messages.

SECTION 12

Archive and Transaction History

Archive

The archive is a global recovery window. Open it from Help using Recover items, or from any archive control shown in the app. Archived stock, set parts and supported records can be reviewed and restored.

- Archiving removes an item from its active table without immediately destroying it.
- Restore a record to return it to its appropriate active area.
- Check quantities and locations after restoring older records.
- Use a backup for recovery beyond what the archive retains.

Transaction History

Select Transaction History to review recorded inventory changes. Entries can help explain when stock was added, edited, transferred, deducted or restored.

App notices

Dismissed administrator notices are saved with the date and time they were dismissed. Open Help and choose App notices to read the archive.

Use the archive when...	Use history when...
You need to restore a deleted or archived record.	You need to understand what changed and when.
An active table is missing an item you removed.	You are checking a quantity or transfer discrepancy.

Recovery order
Check the archive first, then Undo Centre, then restore a complete backup only when broader recovery is required.

SECTION 13

File, backup, restore and export

Open File for imports, external connections and backup controls.

Complete backup

A complete backup contains inventory, sets and components, references, conditions, custom tables, image references, hidden options, archives, BrickLink and eBay records, settings, history and supported undo data.

Create and restore a backup

1. Choose the complete backup download and save the file somewhere secure.
2. Do not edit the backup file by hand.
3. Before restoring, download a fresh backup of the current workspace.
4. Choose restore, select the correct file and read the confirmation carefully.
5. Wait for completion, then refresh and check totals, tables, images and settings.

Export and import safety

- Keep dated backup copies before major changes.
- Treat exported files as sensitive business data.
- Use the exact file format requested by each BrickLink or eBay importer.
- Do not close the browser while a large file is uploading or being processed.

> Restore replaces data
> A restore can substantially change the current workspace. Confirm the file and account before continuing.

SECTION 14

Help and troubleshooting

Select Help for shortcuts to Add stock, Available Stock, Sets, BrickLink, the archive, Settings, App notices and this manual. A downloadable PDF is also available from piecepilot.co.uk/help/.

Problem	What to check
Part image flickers or is missing	Wait for storage to finish, refresh once, confirm the reference image exists, then try Part images in Inventory tools.
Description or category is blank	Confirm the Rebrickable API key, check the part number, then add or correct the shared Part Reference.
Colour image is missing	Open Colour Reference and import the shared colour library or replace that colour's image.
BrickLink file will not import	Use a new complete export, keep the original format and wait for upload completion.
Stripe checkout reports no price	An administrator must verify the live Stripe secret and live price IDs in Cloudflare.
A table is missing	Use the table buttons, restore the hidden button row, then expand the table.
A deleted item is missing	Open Help, choose Recover items and inspect the archive.

Browser checks

- Use the latest version of Chrome, Edge, Firefox, Safari or Opera.
- Try a hard refresh after a deployment or major update.
- Allow app.piecepilot.co.uk through VPN, proxy, firewall and privacy filtering if requests are blocked.
- When reporting a problem, include the action, exact error text and approximate time, but remove all secrets.

Support
Visit piecepilot.co.uk for contact details and current product information.

SECTION 15

Multiple parts and barcode labels

Add multiple parts (Plus and Seller)

1. Select Add multiple parts next to Add Item.
2. Enter up to 100 LEGO part numbers, one per line. Repeated part numbers are kept as separate review rows.
3. Select Review. PiecePilot looks up descriptions, categories and images where available.
4. In Parts Review, choose a colour and quantity for each row. Use Add colour when one part needs an additional colour row.
5. Select the completed rows, choose Add selected to table, and pick Available Stock or a user-created table. Check the destination before saving.

Print part barcodes (Seller)

- Select rows in a stock or review table, then choose Print barcodes. Alternatively, open Inventory tools and enter part numbers in Part barcodes.
- One label is prepared for each unique part number in the selection. The barcode encodes the LEGO part number only.
- The part number and description appear under the barcode when the label has enough printable space.
- In the preview, choose A4, A5 or US Letter paper and a plain grid or a compatible Avery label-sheet preset. Check the preview against the physical sheet before printing.

Print colour barcodes (Seller)

Open Inventory tools, choose Colour barcodes, and enter the colours to label. Preview the sheet layout and print as you would for part labels.

> Printer alignment
> Use your printer's actual-size or 100% setting for pre-cut label sheets. Test one page on ordinary paper first.