



DB RECORDS · STUDIO TOOLS

# dB Batch

## Reference Guide

Batch-rename a folder of masters to a delivery spec — **UPC + ISRC** naming, FUGA and P&E Wing presets, tag-driven templates — then write a **checksum manifest** so the drop is verifiable. A read-only **metadata inspector** shows everything embedded in each file. All processing runs locally; renames are journaled and reversible with one Undo.

MACOS APP

WINDOWS 11 APP

FREE



## 01 The workflow & the file list

### Four steps per drop

- 1 Drop the folder** onto the window, or click **Choose folder**. The audio files are listed in natural order and the new names preview live.
- 2 Set the pattern.** Pick a preset or type a template. Paste the UPC and the ISRCs (one per line, in track order); set a suffix.
- 3 Rename.** Rows sweep amber → green as they are processed. The rename is two-phase and reversible with one **Undo**.
- 4 Checksum.** Write a `checksums.md5` (or SHA-256) manifest. Turn on **Auto** and it regenerates whenever a file is replaced.

### Reading a row

LIVE PREVIEW · ORIGINAL → PLANNED NAME · STATUS

|              |   |                                      |         |
|--------------|---|--------------------------------------|---------|
| Track 01.wav | → | 5901234567890_PLA012600001_24-96.wav | PENDING |
| Track 02.wav | → | 5901234567890_PLA012600002_24-96.wav | DONE    |
| Track 03.wav | → | 5901234567890_PLA012600002_24-96.wav | DUP     |

**Audio only** filters the list to audio files. **Drag any row** to change the order the ISRC list maps onto. The ⓘ button on each row opens the metadata inspector (section 05).

### Row statuses

#### ● pending

Queued for rename. The new name is valid and unique.

#### ● same

The new name equals the current name. Nothing to do.

#### ● dup

Two files would get the same name. Blocked until you fix it.

#### ● no isrc

The template needs an ISRC but none was given for this row.

#### ● >255

The full path would exceed 255 characters (P&E Wing limit).

#### ● done

Renamed in this batch.

### Safety model

Renaming is two-phase and journaled: files move to temporary names first, then to their targets. If anything fails mid-way, every file is restored. **Undo** reverts the whole last batch. Collisions with existing files are blocked before any moves.

## 02 Templates & tokens

A name is built from a **template**: literal text plus tokens in braces. The file extension is always kept. The default is `{upc}_{isrc}{suffix}` — with UPC `5901234567890`, ISRC `PLA012600001` and suffix `_24-96`, the first track becomes `5901234567890_PLA012600001_24-96.wav`. The UPC is constant across the album; the ISRC list maps line-by-line to the rows.

### DELIVERY TOKENS

|                       |                                                        |
|-----------------------|--------------------------------------------------------|
| <code>{upc}</code>    | The constant UPC / barcode you type in the UPC field.  |
| <code>{isrc}</code>   | The ISRC for this track. One per line, in track order. |
| <code>{suffix}</code> | The fixed suffix (e.g. <code>_24-96</code> ).          |
| <code>{n}</code>      | Track number, no padding (1, 2, ... 12).               |
| <code>{nn}</code>     | Track number, zero-padded to 2 digits (01, 02).        |
| <code>{nnn}</code>    | Track number, zero-padded to 3 digits (001).           |
| <code>{orig}</code>   | The original file name without its extension.          |

### TAG TOKENS — READ FROM EACH FILE'S METADATA

|                         |                                                                         |
|-------------------------|-------------------------------------------------------------------------|
| <code>{artist}</code>   | Artist, from the file's audio tags.                                     |
| <code>{title}</code>    | Title, from tags.                                                       |
| <code>{album}</code>    | Album, from tags.                                                       |
| <code>{track}</code>    | Track number from tags, zero-padded.                                    |
| <code>{year}</code>     | Year, from tags.                                                        |
| <code>{bpm}</code>      | Tempo in BPM, from tags.                                                |
| <code>{key}</code>      | Musical key, from tags.                                                 |
| <code>{isrc-tag}</code> | ISRC from the file's tags (distinct from the <code>{isrc}</code> list). |

Tag tokens read the same data shown in the inspector. In files with no tags they resolve to empty.

## Transform — post-processing after the template

### Find & Replace

Plain text or a regular expression.

### Case

Keep as-is, lowercase, UPPERCASE or Title Case.

### Fold diacritics

ä→a, é→e, ð→l. Required by broadcast and P&E delivery specs.

### Strict delivery charset

AES TD1002 / P&E Wing: only A–Z a–z 0–9 . \_ - ; spaces inside tokens become CamelCase; paths over 255 chars are flagged.

### 03 Presets & CSV mapping

Presets bundle a template and its transform settings. Built-ins cover the common delivery targets; save your own with the **+** button.

|                                       |                                       |                                                                             |
|---------------------------------------|---------------------------------------|-----------------------------------------------------------------------------|
| <b>dB delivery — UPC_ISRC</b>         | <code>{upc}_{isrc}{suffix}</code>     | The house delivery scheme: UPC, ISRC, suffix.                               |
| <b>FUGA — UPC_disc_track</b>          | <code>{upc}_1_{nn}{suffix}</code>     | Matches FUGA's delivery filename pattern; folds diacritics, strict charset. |
| <b>P&amp;E Wing — strict delivery</b> | <code>{artist}_{title}{suffix}</code> | AES TD1002 / P&E Wing: A–Z a–z 0–9 . _ - only, CamelCase, no diacritics.    |
| <b>Sample pack — Name_BPM_Key</b>     | <code>{orig}_{bpm}_{key}</code>       | Marketplace-ready sample naming with tempo and key.                         |
| <b>Tags — NN Artist - Title</b>       | <code>{nn} {artist} - {title}</code>  | Human-readable, driven entirely by embedded tags.                           |
| <b>Clean — numbered original</b>      | <code>{nn}_{orig}</code>              | Number and tidy the existing names.                                         |

#### CSV mapping — names from a spreadsheet

When names come from a spreadsheet, paste an explicit map under **CSV mapping**: one `old name, new name` pair per line (comma, semicolon or tab). A matched row overrides the template; the extension is added if you omit it.

##### EXAMPLE

```
Track 01.wav, 5901234567890_PLA012600001_24-96.wav
Track 02.wav, 5901234567890_PLA012600002_24-96.wav
Track 03.wav; 5901234567890_PLA012600003_24-96
```

#### Checksums & Verify

Generate an **MD5** or **SHA-256** manifest. It is written as `checksums.md5` / `checksums.sha256` in the folder, in the standard `md5sum -c` format, so any tool can verify it.

##### Verify

Re-hashes the folder against the manifest and marks each file **ok**, **mismatch**, **missing** or **unlisted**, then jumps to the first failure.

##### Auto on replace

Watches the folder; when a master is swapped it waits for the copy to settle, then regenerates the manifest.

##### After rename

If a manifest already exists, it is refreshed automatically once files are renamed.

## 04 Metadata inspector

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Click the ⓘ on any row to open the inspector, a read-only view of the metadata embedded in that file. Press **Esc** or **×** to close. While it is open, clicking another row switches the view to that file.

### Format

Container, codec, sample rate, bit depth, channels, duration, bitrate, encoder.

### QC identifiers

ISRC, UPC, BWF Originator / Originator Reference, Time Reference, Integrated Loudness, Max True Peak, ReplayGain.

### Broadcast Wave (bext)

Description, Originator, Originator Reference, dates, Time Reference (shown as samples + timecode), loudness, UMID, Coding History.

### RIFF INFO

Legacy WAV info: title, artist, date, engineer, software.

### ID3 · Vorbis · iTunes

Full frame/comment/atom lists for MP3, FLAC/OGG and M4A, with readable names beside the raw frame id.

## Working in the panel

- Each field shows a readable name beside the raw frame id (for example **bext.originatorReference**).
- Loudness values are converted to **LUFS/dBTP**; Time Reference to **samples and timecode** at the file's rate.
- The **filter box** searches across all fields.
- Copy any single value, or **Copy all as JSON** for a QC report.
- **Reveal in Finder / Explorer** jumps to the file on disk.
- Embedded cover art is shown inline.

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The inspector never writes to files — it is a QC view, not a tag editor. iXML production chunks are not parsed in this version; bext and RIFF INFO cover the delivery QC fields.

## 05 Updates, compatibility & troubleshooting

### Platforms

macOS 12+ (Apple Silicon) · Windows 11 (x64). Install by dragging to Applications, or run the Windows installer / portable .exe.

### Auto-updates

The app checks its release feed shortly after launch and every few hours. A new version downloads in the background and installs when you choose **Restart now**, or at the next quit.

### Formats read

WAV/BWF, AIFF, FLAC, MP3, M4A, DSF/DFP.

### Processing

Local. The only network call is the update check.

### macOS refuses to open the app

- Right-click the app and choose **Open** once.
- If that fails, run `xattr -dr com.apple.quarantine "/Applications/dB Batch.app"` in Terminal.

### Windows SmartScreen warns about an unknown publisher

- Choose **More info** → **Run anyway**.

### The inspector says "No embedded metadata"

- That file carries no tags, only technical format info (sample rate, bit depth). Raw exports often stay like this until a mastering or tagging step writes ISRC/bext.

### A row shows ">255" / can I undo a rename?

- **>255**: the folder path plus the new name would exceed 255 characters, which some delivery targets reject. Shorten the suffix or move the folder higher up the disk.
- **Undo**: yes. If anything fails mid-way, every file is restored automatically. The Undo button reverts the whole last batch.

Latest download and support at [dbapps.co](https://dbapps.co) · full reference online at [dbapps.co/guide/db-batch](https://dbapps.co/guide/db-batch).