

Masthead Billboard

Billboard Component – User and Developer Guide

Overview

The **Billboard** component displays a series of slides (image or video) within a masthead area of a page.

It supports different display behaviors like **static**, **randomized order**, and **carousel/slideshow** mode.

The JavaScript automatically initializes billboards based on the selected configuration and ensures smooth loading, proper randomization, and performance optimizations.

How the Billboard Code Works

The JavaScript file (`billboard.js`) handles:

- **Initializing billboard groups** dynamically on page load and after AJAX changes.
- **Supporting multiple billboards** (e.g., slides of different images/videos).
- **Supporting single billboards** with internal multiple slides (e.g., a gallery).
- **Randomizing** the order of billboards or internal slides if the `Randomize` option is enabled.
- **Building a carousel** using Slick.js when "Carousel" is selected as the display type.
- **Saving slide order** between page loads using `localStorage` , safely handling environments where storage might be blocked.

Functions are modular, including:

- `set()` , `initMultipleBillboardController()` , `initCarouselForBillboards()` , `renderRandomBillboardSlide()` , etc.
 - Safe `localStorage` access via `safeLocalStorageGet()` .
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How to Use the Billboard Component (Content Editor Instructions)

1. Add Billboards

- Go to the page you want to edit.
- In the **Masthead** section under "Billboards," click **Add new content block** or **Add existing content block**.
- Each block typically represents a different image or video to display.

2. Display Settings

Field	Purpose
Limit	Restricts how many billboards will show at once. For example, setting a limit of 3 shows only the first 3 billboards.
Display Type	Choose between normal (-None-) static display or Carousel .
Randomize	When enabled, the order of billboards will be randomized at page load.
Maximize Height	Expands the billboard to fill the viewport height for more visual impact.

3. Save the Page

- Click **Save** once you're done editing.
 - The billboards will automatically apply the settings on the frontend.
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Technical Behavior (Behind the Scenes)

Setting	Behavior
Limit	Only the top N billboards (after randomization if enabled) are rendered.
Randomize (on)	Billboards or internal slides will shuffle randomly before display.
Display = Carousel	Initializes Slick carousel with dots, arrows, adaptive height, and smooth transitions.
Display = None	Displays selected billboards without a carousel, optionally randomized.

Performance optimizations include:

- Using `requestAnimationFrame` for initializations.
- Using `setTimeout` to delay carousel setup slightly for smoother rendering.

- Avoiding redundant re-initializations with `billboard__js--init` marker.
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Important Notes

- **Multiple Billboards:** If there are multiple items, they can either show all at once or be limited and/or randomized based on settings.
 - **Single Billboard:** If only one billboard exists, it can still have multiple internal slides (images/videos) that rotate/fade.
 - **LocalStorage:** Used safely to track which slide to show next for sequential (non-randomized) setups across sessions.
 - **AJAX Compatibility:** The billboard re-initializes after any Drupal AJAX operation automatically.
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Related Files

- `docroot/themes/custom/temple_base/js/billboard.js`
 - `docroot/themes/custom/temple_base/js/app.js` (for general site-wide JS, optional)
 - Slick Carousel library (dependency)
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Quick Troubleshooting

Problem	Solution
Slides not randomizing	Make sure Randomize toggle is ON and at least two slides exist.
Carousel not appearing	Ensure Display Type is set to Carousel .
Billboard not appearing fully	Enable Maximize height or check image size ratios.
Page errors	Check browser console for missing Slick.js dependency or JavaScript errors.