

USER MANUAL

Sticky-Stacking Effect for Mobirise

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1. What is the Sticky-Stacking Effect?

The Sticky-Stacking Effect is a modern scroll animation where multiple content blocks are stacked on top of each other and appear sequentially as the user scrolls down the page.

Visual Result:

- Block 1 is visible when the page loads
- When scrolling, Blocks 2, 3, 4... appear sequentially from bottom
- The blocks 'stick' to the top of the screen (sticky)
- When scrolling up, blocks disappear again

2. Requirements

Software:

- Mobirise Website Builder (any version)
- Basic knowledge of Mobirise (adding blocks, editing HTML)

Required Files:

- The Sticky-Stacking JavaScript (provided in this manual)
- At least 2 Mobirise blocks/sections on your page

3. Step-by-Step Guide

3.1 Add HTML Attributes to Sections

For each block that should participate in the stacking effect, you need to add a **data attribute**.

Step 1: Open the Block

7. Click on the desired block in Mobirise
8. Click on the `</>` icon (Code Editor)
9. The HTML code of the block will open

Step 2: Insert data Attribute

Find the opening `<section` tag (usually in lines 1-3)

Add the following attribute:

```
data-stack-block="1"
```

IMPORTANT: The number must be different for each block!

- Block 1: `data-stack-block="1"`
- Block 2: `data-stack-block="2"`
- Block 3: `data-stack-block="3"`
- etc.

Example - Before:

```
<section data-bs-version="5.1"          class="article01 syncm5"
group="Article">
```

Example - After:

```
<section data-bs-version="5.1"          class="article01 syncm5"          data-
stack-block="1"          group="Article">
```

Step 3: Repeat for All Blocks

Add the `data-stack-block` attribute to every block that should be stacked. Don't forget to adjust the number!

3.2 Insert the JavaScript Script

Method 1: Site Settings (Recommended)

10. Click on the gear icon in Mobirise (top left/right)
11. Go to "Site Settings"
12. Scroll all the way down
13. Insert the script in the "End of Body" section
14. Save and publish the page

The Complete Script:

Copy this entire code block:

```
<script> document.addEventListener('DOMContentLoaded', function() { console.log('🔵 Sticky Stacking M5 (SMART) initializing...'); // Find ALL sections with data-stack-block attribute
const allSections = document.querySelectorAll('section.article01.syncm5[data-stack-block]'); const
stackBlocks = []; allSections.forEach(function(section) { const blockNumber =
section.getAttribute('data-stack-block'); if (blockNumber) {
stackBlocks.push(section); console.log('✅ Found: Block ' + blockNumber); } });
if (stackBlocks.length >= 2) { console.log('✅ ' + stackBlocks.length + ' blocks found!');
// IMPORTANT: Save background color BEFORE moving blocks! stackBlocks.forEach(function(block) {
const computedStyle = window.getComputedStyle(block); const bgColor =
computedStyle.backgroundColor; if (bgColor && bgColor !== 'rgba(0, 0, 0, 0)') {
block.style.backgroundColor = bgColor; } else { block.style.backgroundColor =
'#000000'; } }); // STEP 1: Create wrapper const wrapper =
document.createElement('div'); wrapper.className = 'sticky-stack-wrapper';
wrapper.style.position = 'relative'; wrapper.style.width = '100%'; wrapper.style.minHeight
= (100 + (stackBlocks.length * 50)) + 'vh'; const parent = stackBlocks[0].parentNode;
parent.insertBefore(wrapper, stackBlocks[0]); stackBlocks.forEach(function(block) {
wrapper.appendChild(block); }); // STEP 2: Set sticky properties const
baseTop = 90; stackBlocks.forEach(function(block, index) {
block.style.position = 'sticky'; block.style.top = (baseTop + (index * 5)) + 'px';
block.style.zIndex = index + 1; block.style.transition = 'opacity 0.6s ease, transform 0.6s
ease'; if (index > 0) { block.style.opacity = '0';
block.style.transform = 'translateY(50px)'; block.style.pointerEvents = 'none';
} console.log('Block ' + (index + 1) + ' configured'); });
// STEP 3: Scroll event const revealDistance = 200;
window.addEventListener('scroll', function() { const scrollTop = window.pageYOffset ||
document.documentElement.scrollTop; const wrapperRect = wrapper.getBoundingClientRect();
const wrapperTop = wrapperRect.top + scrollTop; const scrollProgress = scrollTop - wrapperTop;
stackBlocks.forEach(function(block, index) { if (index === 0) return;
const triggerPoint = index * revealDistance; if (scrollProgress >
triggerPoint) { block.style.opacity = '1'; block.style.transform =
'translateY(0)'; block.style.pointerEvents = 'auto'; } else {
block.style.opacity = '0'; block.style.transform = 'translateY(50px)';
block.style.pointerEvents = 'none'; } }); }, { passive: true });
console.log('🟢 STACKING ACTIVATED!'); } else { console.log('🔴 Only ' +
stackBlocks.length + ' block(s) found!'); } }); </script>
```

IMPORTANT: Don't forget the <script> and </script> tags at the beginning and end!

4. Customizing the Script

If you're using different block types (e.g., not `article01 syncm5`), you need to customize the script.

4.1 Identify CSS Classes

Open your block's code editor and look at the first line:

```
<section class="gallery05 themem5" ...>
```

The classes are: `gallery05` and `themem5`

4.2 Adjust Script Line

Change **line 7** in the script:

Before:

```
const allSections = document.querySelectorAll('section.article01.syncm5[data-stack-block]');
```

After (with your classes):

```
const allSections = document.querySelectorAll('section.gallery05.themem5[data-stack-block]');
```

IMPORTANT: Classes are connected with a DOT (.), WITHOUT spaces!

5. Troubleshooting & Common Errors

Problem	Solution
Nothing happens at all	1. Open browser console (F12) 2. Check if "🔍 Sticky Stacking..." appears 3. If not: Script not loaded 4. If yes: Check CSS classes in script
Background color is gone	Make sure you're using the LATEST version of the script (with backgroundColor preservation)
Only 1 block is found	Check: 1. Do ALL blocks have data-stack-block? 2. Are CSS classes correct? 3. Do all blocks have the SAME CSS classes?
Blocks don't stack correctly	Numbers in data-stack-block must be in correct order (1, 2, 3, ...)

5.1 Using the Browser Console

The browser console is your best friend for debugging!

15. Press F12 on your website
16. Click on the "Console" tab
17. Reload the page (F5)

What you should see:

- 🔍 Sticky Stacking M5 (SMART) initializing...
- ✅ Found: Block 1
- ✅ Found: Block 2
- ✅ 2 blocks found!
- 🎉 STACKING ACTIVATED!

6. Best Practices

6.1 Number of Blocks

- Recommended: 2-5 blocks for optimal user experience
- Maximum: Up to 10 blocks possible
- For many blocks: Increase revealDistance (see below)

6.2 Adjust Scroll Speed

By default, a new block appears every 200px. You can change this:

Find this line in the script:

```
const revealDistance = 200;
```

Value Recommendations:

- 150 = Fast appearance (less scrolling needed)
- 200 = Standard (balanced)
- 300 = Slow appearance (more scrolling needed)
- 400+ = Very slow (for storytelling)

6.3 Design Tips

- Use high-contrast backgrounds between blocks
- Keep blocks similar in height (recommended: 60-100vh)
- Test on mobile devices
- Use meaningful content in each block

Quick-Start Checklist

Use this checklist for new projects:

☐	Blocks created in Mobirise
☐	data-stack-block="1" added to Block 1
☐	data-stack-block="2" added to Block 2
☐	Additional data-stack-block attributes added
☐	CSS classes of blocks identified
☐	Script adjusted in line 7
☐	Script inserted in Site Settings → End of Body
☐	Page published
☐	Browser console checked (F12)
☐	Effect tested on desktop
☐	Effect tested on mobile

Support & Questions

For questions or problems, please contact:

- Your IT department
- The project administrator
- The Mobirise community

End of User Manual