

# Vestaboard



## Compatible Control4 Systems:

Designed to work with OS 3.2.4+

## Compatible Hardware

This driver works with the Vestaboard messaging display

## Driver Download, Change Log & Documentation:

<https://drivercentral.io/platforms/control4-drivers/utility/vestaboard>

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## Overview/Features

Vestaboard brings the best of digital and analog together into a beautiful piece of split-flap display hardware. Control the board from anywhere using the Control4 driver, and have your messages appear in a satisfying mechanical performance, making your home or office feel more personal and interactive.

- Allows you to update the board's text from anywhere with the Control4 webview
  - The webview will automatically update when the board's message has been changed, even if it was changed by other interfaces
  - Create events that trigger upon the board's message being changed
  - Three different icon styles to personalize the Control4 interface. There is the Vestaboard logo, or black or white Vestaboard displays
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## Dealer Notes

- The driver requires you to get the Read/Write API key for the Vestaboard which can be got through the app or web portal
  - The driver can only control one Vestaboard at a time, and does not send a message to multiple Vestaboards
  - Device is considered offline after three failed polling attempts
  - Colors that are on the board will NOT display on the webview. It only will display the text
  - The driver checks the board's message on poll. So if you set the poll interval to 30 secs in the driver settings, it will check the boards message and update the driver/webview if needed every 30 seconds
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## Driver Setup

1. Add driver to project
  2. Configure the Vestaboard per device's documentation
  3. Go to the Vestaboard's app/webportal > Settings > Advanced Settings > Enable Read/Write API
  4. Input the Vestaboard's Read/Write API key into the driver
  5. Under the "Driver Actions" Property, select "(01) Download Latest App" to update to the newest webview
  6. Set up driver programming as needed
  7. Refresh Navigators
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## Driver Properties

- *Cloud Status*: Displays driver license state
  - *Driver Status*: Displays driver related information
  - *Driver Version*: Displays driver version
  - *Driver Actions*:
    - *(01) Download Latest App*: Downloads the latest webview app if a newer version is found
    - *(02) Test Communication*: Tests connection to Vestaboard
    - *(03) Clear Board*: Clears the board of any messaging
  - *Automatic Updates*: Toggle on or off the ability for the driver to automatically update to newest version
  - *Debug Mode*: Displays additional information on the Lua tab for debugging purposes
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## Vestaboard Properties

- *API Key*: Input the Vestaboard Read/Write API key here
  - *Write Message*: Send a text message that will be auto-formatted to center itself on the board (Does not support colors)
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## Polling Properties

- *Polling Timer*: Set in seconds how often you want to poll the board
  - *Device Connection*: Displays connection status to the Vestaboard
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## UI Properties

- *UIButton: Single Tap*: Sets the action that will happen if clicking the icon once (By default it launched the webview)
  - *UIButton: Double Tap*: Sets the action that will happen if clicking the icon twice (By default it does nothing)
  - *Icon Style*: Allows you to select from three different icon styles. (By default it is set to the standard logo type)
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## Programming Events

The Vestaboard driver has one event:

### Vestaboard Message Changed

- When the message on the Vestaboard has been updated to a different one
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## Device Actions

There are two kinds of Device Action Commands:

- *Send Message To Board*: Send a text message that will be auto-formatted to center itself on the board (Does not support colors)
- *Advanced Command*: Allows you to send a completely custom message where you can manipulate each individual square on the board and even include colors (Colors will not display on the webview however)
  - Messages must be sent in the format of an array of six arrays, with each array consisting of 22 characters for a total of 132 characters





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