Driver – Bond Bridge Pro Platform IP

version 1.3.0

Driver

This release note is for the Crestron driver FridayForge_BondBridge.

This driver is the FridayForge platform driver for the Bond Bridge (Pro). It reads every device that is set up on the Bond over its local network API and presents them in Crestron Home: lights as Crestron lights (dimmable when the Bond supports it), and ceiling fans, shades, fireplaces and other devices as tiles.

Notes and Recommendations

Give the Bond a fixed IP address in your router before adding the driver, and set up and name your devices in the Bond Home app first. The driver uses the Bond's local token; no cloud account is used.

Bond controls devices with radio-frequency remotes and cannot read their real state. The state shown is what Bond last sent, so changes made with a handheld remote may not be reflected immediately.

Licensing. The driver works free for 2 hours after the processor starts. To keep using it, install the FridayForge License Manager and buy a licence for this driver at forgedbyfriday.com. A licensed driver keeps working only while the License Manager is installed and running on the same processor. While the driver is locked it ignores commands from Crestron Home and each tile shows “Trial ended: licence needed”.

System Requirements and Dependencies

- Crestron Home OS 4.x with a V2 Processor
- Bond Bridge (Pro) on the same network, with the local API enabled and a local token

Installation/Upgrade Instructions

Installation

- Copy the .pkg file to the Crestron Home Configurator and install it (Settings > Drivers).
- Add the device in the Configurator and fill in the installer settings below.
- The Configurator discovers the devices and adds each one under Devices; assign each to its room.
- **After you install a newer version of the driver, you do not need to remove it.** If the update adds new settings, Crestron Home asks the installer to review them before the driver comes back online. If the driver needs to resync its information, Crestron Home may also ask for a processor reboot.

Installer Settings

Setting	Description
Bond Bridge IP Address / Hostname	Address of the Bond Bridge.
Port	Default: 80.

Bond Local Token	In the Bond Home app: Settings > your Bond > Local Token (firmware 2.x also shows it under Device Info).
Status Refresh (seconds)	How often the driver re-reads the Bond device state, to catch changes made with the Bond app or a remote. Default: 10 (3–300).
Shade Reporting Mode (0, 1 or 2)	0 = tile only (default). 1 = also report each shade to Crestron as a Shade with open/closed/partly-open state. 2 = report as a garage-door style entry device (open/closed state and jam errors). After changing this, remove and re-add the shades.

Per-device settings

Per-Tile Setting	Description
Show on Room Page	Shows the tile on the room's page. Default: on.
Show on Home Page	Also show the tile on the Home page. Default: off.
Tapping the Tile Operates the Device	On: tapping the tile toggles the device. Off: tapping only opens the tile page. Not shown for sensor and person tiles.
Tile Icon (optional)	A Crestron icon name for the tile (for example icFanOn). Leave empty for the default.
Tile Page Label (optional)	Text shown at the top of the tile page.

Using Driver Events in Sequences

Shades raise **Opened**, **Closed**, **Stopped** and **Error** events in every Shade Reporting Mode, which can be used to trigger scenes.

End-User Experience

What Appears in Crestron Home

Bond device	Crestron Home device	Controls
Lights	Light	On/off, and brightness where the Bond reports dimming.
Ceiling fans	Fan tile	Off, Low, Medium, High (based on the fan's speed range), and toggle.
Shades	Shade tile (and optionally a Shade or garage-door entry, see Shade Reporting Mode)	Open, Close, Stop and Preset.
Fireplaces and other devices	Tile	On and Off.

Tile Pages

Each Bond device is a tile in its room. Tapping the tile (when Tapping the Tile Operates the Device is on) toggles it, or opens the tile page with buttons for the device type: speed buttons for fans, Open/Close/Stop/Preset for shades, On/Off for everything else.

Limitations/Known Issues

- Bond cannot read the real position or state of radio-frequency devices; state is the last command Bond sent.
- Tile pages use buttons only; there is no slider for fan speed or shade position.
- After changing Shade Reporting Mode, remove and re-add the shades.

Supported Features

- Automatic discovery of all Bond devices
- Dimmable lights
- Fan speed control
- Shade open/close/stop/preset with events
- Fireplace and generic on/off devices

Test Environment

- Crestron Home OS 4.x
- Bond Bridge Pro

Supported Models

- Bond Bridge Pro (local network API)

Contact Information

- Company: FridayForge
- Author: Aaron Johnson
- Email: aaron@forgedbyfriday.com
- Website: forgedbyfriday.com

Version History

1.3.0 2026-11-02

Changes since Last Version

New Features

- Added licensing: 2-hour trial, then a licence from forgedbyfriday.com is needed (License Manager required)

1.2.2 2026-11-02

Changes since Last Version

Improvements and Bug Fixes

- Build cleanup: removed an unused internal field (no change in behaviour)

1.2.1 2026-10-11

Changes since Last Version

New Features

- Shade reporting modes (tile, Crestron Shade, garage-door entry)
- Per-tile setup page

Licensing and Copyright Information

Certain Crestron products contain open source software. For specific information, please visit www.crestron.com/opensource

This driver is provided by FridayForge for use with Crestron Home. It is supplied as is, without warranty. Crestron, Crestron Home and related marks are trademarks of Crestron Electronics, Inc. Home Assistant, Pentair, IntelliCenter, Rachio, Bond, Ubiquiti, UniFi, Midea, MSmartHome, Levoit, VeSync, Jandy, AquaLink and iAquaLink are trademarks of their respective owners, which are not affiliated with FridayForge.