Google TV Cable

Overview

This driver provides IP control for cable, satellite, and set-top style devices running Google TV or Android TV OS, using Google's built-in remote server. It supports discrete power, navigation with number pad, discrete volume, channel / cable-style tuning, mini apps, and voice from a Halo remote.

Requirements

- Control4 OS **3.3.0** or higher
- Google TV or Android TV streamer or set-top style device on the same LAN as the Control4 controller
- One-time pairing with the device (code shown on the screen)
- Network Standby (and the related power settings in Setup) enabled where the device offers them

Setup

Device

1. Connect the device to the network (Ethernet recommended).
2. Where available, set these (menu names vary by device):
    - **Network Standby** → **On** (**Settings → Network & Internet**)
    - **Energy Saver** → **Off** (**Settings → System → Power & Energy**)
    - **Screenless Service** → **On** (**Settings → System → Power & Energy**)
    - **Shut-Off Timer** → **Off** (**Settings → System**)
    - **HDMI CEC** → **Off** (**Settings → Display & Sound**)
    - **Wake on LAN & Wireless** → **On** (**Settings → Network & Internet**)

> Not every device offers every setting.

Driver

1. Add **Google TV Cable** in Composer Pro.
2. Choose the device in **Device Selector** so the driver follows DHCP address changes. If the device is missing, run **Rescan for Devices**, or enter **IP Address** to use a manual address. A DHCP

reservation or static IP still helps when you use **IP Address** or discovery is blocked on the network.

3. Pair the device (below).
4. Choose the power options that work for that device (**Power On Method**, **On Power On**, **On Power Off**).

Pairing

1. Run **Start Pairing**. A code appears on the device.
2. Run **Enter Pairing Code** and enter the 6-character hexadecimal code.
3. **Pairing State** should show **Paired**. The driver then connects and stays connected.

IR (OEM packages)

Some branded builds (currently **DIRECTV Streamer**) add an **IR** connection and `(IR)` choices on selected power and button-mapping properties. Control stays on IP unless you pick an `(IR)` option.

1. In Composer **Connections**, bind the driver's **IR** output to a Control4 IR emitter aimed at the device.
2. Set **Power On Method** and/or **On Power Off** to an `(IR)` option if network wake or power is unreliable.
3. Under the button-mapping properties, choose an `(IR)` option where needed.

> IR codes are specific to that OEM package. An unbound IR connection does not send codes.

Properties

Property	Description
Cloud Status	DriverCentral license status (read-only)
Automatic Updates	Allow automatic driver updates when available
Driver Version	Packaged driver version (read-only)
Log Level	Logging verbosity; resets to Off after about 1 hour when not Off
Passthrough Mode	When **On**, mini apps stay selected and pass commands through to the device; when **Off** (default), this driver is reselected
Device	Selected device name, or “Selected by IP Address” when a manual IP is used (read-only)
Device Selector	Pick a discovered device; the list clears after selection
IP Address	Optional manual address. When set, discovery stops and this address is used instead of the selected device
MAC Address	Device MAC address, used for Wake-on-LAN (read-only)
Pairing State	Not Paired or Paired (read-only)
Manufacturer / Model / OS Version / Remote Version	Device details reported after pairing (read-only)
Current App	Package name of the active app (read-only; also available as a programming variable)
Power State	On or Off (read-only)
Power On Method	**Power** (default) or **WOL**; OEM packages such as **DIRECTV Streamer** also offer **Power On (IR)** and **Power Toggle (IR)**. WOL works best over Ethernet
Power On Delay (ms)	Delay (0–15000) between receiving power-on from Control4 and sending it to the device; 0 = none
On Power On	**Do Nothing** or **Home** after the device powers on

Property	Description
On Power Off	**Do Nothing** (default), **Power**, or **Home**; OEM packages such as **DIRECTV Streamer** also offer **Power Off (IR)** and **Power Toggle (IR)**
Auto Power Rooms	When the device powers on, selects it as the video source in the chosen rooms
HOME / MENU / GUIDE / INFO / PREV Button	Remap those Control4 buttons to Home, Back, Menu, Guide, Info, Down, or Do Nothing (options vary per button; OEM IR options where offered)
FAST FORWARD / REWIND / SKIP FWD / SKIP REV Button	Remap to scan, skip, or left/right (options vary per button)
PAGE UP / PAGE DOWN Button	Remap to channel up/down or directional Up/Down
RED / GREEN / YELLOW / BLUE Button	Fire the matching programming event, or **Do Nothing**

Actions

Action	Description
Rescan for Devices	Rediscovers Google TV devices on the network
Start Pairing	Starts pairing; watch for the code on the device
Enter Pairing Code	Completes pairing with the code shown on the device
Send Key Command	Sends a remote key to the device. Not every key works on every device or app
Send App Launch Link	Opens an app or content from a deep link / URL, such as `netflix://`, `vnd.youtube://`, `https://www.disneyplus.com`, or `https://tv.apple.com`
Find My Remote	Rings the Google TV remote when the hardware supports it

Connections

Connection	Notes
Cable/Channels	Channel / cable-style source for room selection
SATELLITE	Satellite / set-top control
AVSWITCH	Audio/video switching
Video Output, **Audio Output**	Outputs to the display and audio path
Room Selection - Output	Room routing
IR	OEM packages only (for example **DIRECTV Streamer**)

Programming

Events

Event	Description
Red Button Selected	Red button pressed while its mapping is **Prog Red**
Green Button Selected	Green button pressed while its mapping is **Prog Green**
Yellow Button Selected	Yellow button pressed while its mapping is **Prog Yellow**
Blue Button Selected	Blue button pressed while its mapping is **Prog Blue**

Variables

Variable	Type	Notes
CURRENT_APP	STRING	Package name of the active app

Commands

Command	Description
Send Key Command	Sends a remote key
Send App Launch Link	Opens an app or content from a link
Find My Remote	Rings the remote

Voice

Use the microphone button on a **Halo remote** while this driver is the selected source.

- **On-device voice:** press the microphone button to open the device's assistant (Google Assistant or Gemini).
- **In-app search:** in a compatible app (for example YouTube), open search and select the in-app microphone control, then press the Halo microphone button.

Troubleshooting

Symptom	What to try
Device not in **Device Selector**	Run **Rescan for Devices**, confirm the device is on and on the same LAN, or enter **IP Address**
Pairing fails	Confirm the device is on and reachable and Android TV Remote Service is enabled, then run **Start Pairing** again. **Pairing State** should change to **Paired** once the code is accepted
Power on fails	Try **Power On Method** = **WOL** (Ethernet) or **Power**; enable Network Standby and Wake on LAN; add a **Power On Delay (ms)**; on DIRECTV Streamer try an `(IR)` option
Channel tuning does not work	Confirm the device is paired and the channel app is available on the device; submit a support ticket with the device model if it persists
IR does nothing	Bind the **IR** connection to an emitter aimed at the device and choose an `(IR)` option
Mini app fails or opens the wrong app	Confirm the app is installed and signed in on the device; submit a support ticket if it persists
Need more detail	Set **Log Level** to **Trace** and check the Lua output

Support

If you have questions or issues with this driver, contact us at support@solidified.co or call/text +1 (561) 444-9960. You can also submit a support ticket at DriverCentral.

Changelog

v20261105 - 2026-11-05

Added

- Added optional IR command mapping on the DirecTV Streamer for power and selected buttons when IP control is unreliable.

- Added input switching support for Sylvox TVs.

v20261026 - 2026-10-26

Changed

- Changed remote key remapping options to the keys that work reliably; existing projects update automatically.

v20261015 - 2026-10-15

Added

- Added Google TV Cable driver for Channels / cable-style tuning on streamers and set-top style devices.
- Added SKIP FWD and SKIP REV button remapping properties.
- Added Down as an option for the PREV Button remapping property.
- Added Skip Fwd and Skip Rev as options for the FAST FORWARD and REWIND button remapping properties.
- Added RED, GREEN, YELLOW, and BLUE button remapping properties.
- Added programming events when the Red, Green, Yellow, or Blue buttons are pressed.

Changed

- **Breaking:** Changed the DirecTV Streamer branded variant to Google TV Cable (replaces the Media Player DirecTV variant).
- Improved mini app compatibility for additional streaming services.

v20261008 - 2026-10-08

Added

- Added Auto Power Rooms property to select this device as the video source in chosen rooms when the TV powers on.
- Added PAGE UP and PAGE DOWN button remapping properties.

v20260913 - 2026-09-13

Added

- Added device discovery with Device Selector; manual IP Address remains available as an override.

- Added discrete volume control support for Google TV and Media Player drivers.
- Added Current App property and programming variable for the active foreground app.
- Added Find My Remote action and programming command to ring the Google TV remote.
- Added support for voice search in streaming apps where available.

Changed

- Improved voice control reliability and recognition quality.
- Improved pairing reliability and error handling.

v20260825 - 2026-08-25

Added

- Added Send App Launch Link action and programming command.

Fixed

- Fixed support for various mini apps after a Google TV OS update.

Changed

- Updated driver icons.

v20260706 - 2026-07-06

Fixed

- Fixed pairing reliability when re-pairing a device or retrying after a failed attempt.

v20260618 - 2026-06-18

Added

- Added PREV button support with remapping property.

v20260617 - 2026-06-17

Added

- Added support for Passthrough Mode to the Google TV Media Player driver.
- Added TCL TV and DirecTV Streamer branded driver variants.

v20260526 - 2026-05-26

Added

- Added support for colored Program A/B/C/D (Red/Green/Yellow/Blue) buttons.
- Added Down as an option for the INFO Button remapping property.

v20260520 - 2026-05-20

Added

- Added FAST FORWARD and REWIND button remapping properties.

Fixed

- Fixed long press on OK/Select (Enter) for context menu support.

Changed

- Improved performance and fixed miscellaneous bugs.

v20260305 - 2026-03-05

Added

- Added support for voice control.

v20260217 - 2026-02-17

Added

- Added Send Key Command action for testing and programming.
- Added Power On Delay functionality, configurable in advanced properties.

v20260213 - 2026-02-13

Added

- Added support for RECORD and DVR/PVR buttons.

v20260127 - 2026-01-27

Changed

- Improved compatibility with older Control4 OS versions.

v20260123 - 2026-01-23

Changed

- Improved handling of connection failures.

v20260116 - 2026-01-16

Changed

- Improved mini app compatibility for additional streaming services.

v20260112 - 2026-01-12

Added

- Initial release.