

UK Sky Guide Driver Installation and Usage Guide



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Change Log

Version 20260707 - 07-JUL-2026

- Added GUIDE button as mappable button. Defaults to home command.
- Added IR binding for power on command. This is required for older 2024/2025 models as they do not respond to wake on lan commands. Sending Wake on lan to these models can also sometimes crash the Sky Stream devices.

Version 20260706 - 06-JUL-2026

- Added Sky Stream IP controlled driver. Note the driver requires a security certificate which is embedded in the driver. This certificate expires yearly. As such please enable auto update so the driver gets updated when a new certificate is made available

Version 20250815 - 15-AUG-2025

- Fixed issue with info button for sky stream driver

Version 20250723 - 23-JUL-2025

- Added Sky Glass (infra-red only) driver. Note this driver does not have HDMI switching commands
- Added SEARCH, CHANNEL UP, CHANNEL DOWN buttons to Sky Stream Driver
- Fixed issue with power on command on matrix installations.

Version 20250715 - 15-JUL-2025

- Fixed three dots for Sky Stream driver

Version 20250713 - 14-JUL-2025

- Added Sky Stream Driver (infra-red only)
- Updated Sky Channels Driver to handle Sky Stream Channels

Version 20241001 - 01-OCT-2024

- Improve Licencing
- Fix Driver Anomaly (Channels)

Version 20240806 - 06-AUG-2024

- Support for Chowmain Licencing
- Improved Troubleshooting
- Performance Improvements

Version #20221212 - 12-DEC-2022

- Upgrade to new Diagnostics system with Submit Diagnostics, and automatic troubleshooting

Version #20220824 – 24-AUG-2022

- Improved timer handling based on reports of timer leaks for OS 2.10.x.

Version #20220803 - 03-AUG-2022

- Improve Troubleshooting and Diagnostics
- Fix Minor Intermittent Crash which occurs when IP has not been set

Version #20220727 – 27-JUL-2022

- Fixed issue where a single channel returned nil value for channel name causing channel imports to stop.

Version #20210128 – 28-JAN-2021

- Fixed issue caused by remotes with bad wifi / zigbee failing to send STOP_LEFT/RIGHT/UP/DOWN/ETC commands

Version #20201023 – 23-OCT-2020

- Code optimisation.
- Updated driverCentral licencing.

Version #20201005 – 05-OCT-2020

- Fixed issue with broken guide data.

Version #20200822 – 22-AUG-2020

- Reverted to Pause as the default.

Version #20200821 – 20-AUG-2020

- Fixed issue that broke the Sky Channels driver (Genre endpoint not working anymore). Had to revert to hard coded genres.

Version #20200311 – 11-MAR-2020

- Fixed on event firing multiple times when called from a distributed video solution.
- Improvements for Neeo remote (won't auto select leaf node due to addition of new list_no_autoselect capability).

Version #20191203 – 03-DEC-2019

- Added ability to delay the power on macro. This is to resolve issues with sync/hdcp/edid issues
- Added TVGUIDE option for menu button mapping. Note this only works on Sky+ HD. For SkyQ please use the HOME mapping.

Version #20190704 – 04-JUL-2019

- Fixed icon resolution on onscreen navigator.

Version #20190617 – 17-JUN-2019

- Re-added command to play specific channel in room (this was removed in the 3.0.0 version of the driver).
- Added in PROGRAM_A, PROGRAM_B, PROGRAM_C, PROGRAM_D and a few other commands in the programming commands section.

Version #20190531 – 31-MAY-2019

- Fixed Sky Channels Genres.
- Removed Info and added it so that when channels are selected it automatically brings up the info.

Version #20190529 – 29-MAY-2019

- Upgraded Sky Channels driver to support OS 3.0 favoriting

Version #20180628 – 28-JUN-2018

- Fix for channels not playing when programmed via programming tab. This issue was introduced in version #20180612.

Version #20180613 – 13-JUN-2018

- Fix for channels not selecting right channel

Version #20180612 – 12-JUN-2018

- Added optional now playing synopsis page with now playing image, show title, ratings, duration and more. This is enabled by default but can be disabled in the driver's properties page.

Version #20180521 – 21-MAY-2018

- Updated Sky Channels to new online endpoint. This should resolve limited channels returned for regions.
- Genres are now dynamically generated rather than hard coded. Means channels numbers will fit in dynamically to their respected genres nicer.

Version #20180409 – 09-APR-2018

- Modified so that if Sky Q IP Address is entered it will use the channel numbers available from the Sky Q Box and will obtain the meta data online based on the channels returned from the box.
- If Sky Q box offline it will revert to using the online endpoint. Note online endpoint does not have the full range of available channels.

Version #20180404 – 04-APR-2018

- Updated Sky Channels to new online endpoint.

Version #20180308 – 08-MAR-2018

- No changes. Just updated to keep version number inline with sky+ hd / q driver.

Version #20180303 – 03-MAR-2018

- No changes. Just updated to keep version number inline with sky+ hd / q driver.

Version #20180103 – 01-JAN-2018

- Added ability to pull channel info from Sky Q Box.

Version #20170927 – 27-SEP-2017

- Issue wasn't driverCentral's code but Control4's lua library. Changed to JSON4lua library which fixed the problem.

Version #20170921 – 21-SEP-2017

- Fixed issue caused by driverCentral tonumbering code for Sky Channels.

Version #20170901 – 01-SEP-2017

- No changes. Just updated to keep version number inline with sky+ hd / q driver.

Version #20170710 – 10-JUL-2017

- Migrated to driverCentral.

Version #20170628 - 28-APR-2017

- Fixed issue where channels would sometimes not turn on if the box was off.

Version #20170517 - 17-MAY-2017

- Added ability to programmatically select channels in composer
- Fixed issue effecting flash based navigators

Version #20170509 - 09-MAY-2017

- Added User High Res Images option. This is used to speed up image downloading for navigator first run and also resolve crashes on devices like iPad due to exceeding cache limitations.

Version #20170427 - 27-APR-2017

- Initial Version

Overview

Sky UK Limited (formerly British Sky Broadcasting and BSkyB) is the UK's leading telecommunications provider, delivering television, broadband internet, fixed-line and mobile services to both consumers and businesses. With approximately 9.1 million pay-TV subscribers in the UK as of June 2023, Sky remains the nation's largest pay-TV broadcaster.

Chowmain offers an IP-based driver for Sky Stream, Sky+ HD, Sky Q and Sky Q mini set-top boxes, eliminating the need for external IR emitters and providing seamless network control. Recognizing Sky Stream's lack of IP control, we've also developed a dedicated infrared-only driver that uses discrete IR commands for power, menu navigation and direct channel selection, ensuring full integration even when IP is unavailable.

All of our Sky drivers leverage the RF_SKY cloud service to enrich your experience with high-definition cover art, detailed "now playing" metadata and optimized channel surfing. The "now playing" feature continuously retrieves broadcast schedules and EPG data, displaying current program titles, episode descriptions and artwork directly within the Control4 interface. Combined with automatically updated channel lists—tailored by region and HD availability—users can preview live content, scroll through upcoming shows and jump instantly to any channel without manual imports or list maintenance. This seamless integration ensures that channel surfing feels intuitive and always up to date.

Features

Sky+HD / SkyQ Driver

- IP control over;
 - Sky+ HD
 - Sky Q
 - Sky Q Mini
- Power On / Power Off functionality
- Auto mapping of intuitive buttons to remote.
- Ability to choose which non intuitive buttons are mapped to the non used buttons (eg custom 1, 2, 3)
- Custom defined buttons for non intuitive buttons
- Automatic Channel metadata / icon import from Sky website.
- Channel selection and playback
- 3-10 times faster than IR control
- No more IR buds means no more IR bleeding or buds dropping off.
- Automatic Channel list update
 - Always have upto date channels on your Control4 navigator. Never be effected by channel number changes or when Sky adds or removes a channel again.
 - Select your region and have all the Sky channels automatically import periodically for your area.
 - Select your period
 - Hourly
 - Daily
 - Weekly
 - Fortnightly
 - Monthly
 - Can also manually update via programming action (tie it to a custom button or experience button).

Sky Stream Driver (IR)

- IR control over:
 - Sky Stream
- Discrete Power On / Power Off
- Ability to choose which non intuitive buttons are mapped to the non used buttons (eg custom 1, 2, 3)
- Custom defined buttons for non intuitive buttons
- Channel selection and playback

Sky Stream Driver (IP)

- IP control over:
 - Sky Stream
- Discrete Power On / Power Off

- Ability to choose which non intuitive buttons are mapped to the non used buttons (eg custom 1, 2, 3)
- Custom defined buttons for non intuitive buttons
- Channel selection and playback

Sky Glass Driver

- IR control over:
 - Sky Glass
- Discrete Power On / Power Off
- Volume Up / Down / Mute Toggle
- Youtube + Netflix button mapping
- Ability to choose which non intuitive buttons are mapped to the non used buttons (eg custom 1, 2, 3)
- Custom defined buttons for non intuitive buttons
- NOTE: The Sky Glass does not have IR codes for HDMI inputs. As such HDMI Inputs are not supported

Sky Channels Driver

- Chowmain Sky Channel Cloud alternative provides
 - No importing needed
 - Always up to date
 - HD artwork
 - Now playing meta data for all channels (means easy channel surfing)
 - OS 3.0 favouriting compatible

Setup

Hardware Setup

Before installing the driver you will need to disable the standby mode on the Sky+HD / Sky Q box (by default this is on). See information via the following url on how to do this.

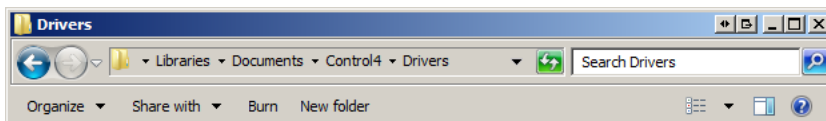
Sky+HD: <https://skypeginfo.co.uk/HowToGuides/Standby-Modes.php>

Sky Q: <https://www.sky.com/help/articles/using-the-standby-settings>

Sky Stream: We have provided both IR and IP drivers for the product. For IP control please ensure that you have auto update enabled in the driver's properties as the driver requires a security certificate which expires yearly. The driver will be updated with the newest certificate when it becomes available.

Driver Installation

1. The driver you have downloaded will be in a zip file. Double click on this file to open it in your preferred zip program (WinZip, WinRar, etc.).
2. Extract the c4i file to the My Documents\Control4\Drivers directory. If you are using Windows 7 or 8 this will be extracted to the Libraries\Documents\Control4\Drivers directory.

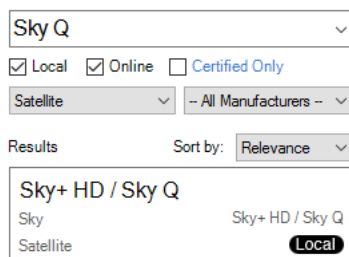


3. You are now ready to add and configure the driver via the Composer Pro software.

Sky+ HD / Sky Q: Adding the driver to your project

IMPORTANT – Before undertaking the installation of the driver please follow the licencing steps outlined at the end of this document.

1. Launch the Composer Pro application and connect to your project
2. In the 'System Design' page select the 'Search' tab on the right hand side.
3. Type in 'Sky Q' in the search bar and press enter



4. Double click on the 'Sky+ HD / Sky Q' driver to add it to your project

5. Highlight the 'Sky Receiver' driver on the left hand side.

6. The driver will prompt you for the IP Address of the Sky Box. Please enter this in.

NOTE: You will need to set the Sky box to a static IP address or setup a DHCP reservation to ensure communications is not disrupted by IP changes.

Sky IP	
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7. Select the box model you are controlling from the Sky Box Type dropdown.

NOTE : The driver will automatically rename itself to SkyQ or Sky+ HD when you do this. You can rename it afterwards to your own preference if desired.

Sky Box Type	Sky+ HD
Allow Power Off	Sky+ HD
	Sky Q

8. If you want the box to remain always on set Allow Power Off to False. Note that this box will not turn back on if it has accidentally has been turned off if this option is set to False.

Allow Power Off	True
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9. This driver also has the ability to automatically download the channel meta data from the sky website. Select the frequency of the data import.

Note: This reoccurring timer is of driver initialisation. If you want more control over when you want to schedule it we recommend using the scheduler agent with programming action.

Important: If you are running multiple instances of the driver only set this up for the first instance as all other instances share the same data.

AUTO IMPORT FREQUE!	DAILY
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10.Set the region for the data you want to automatically import

REGION	London HD
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11.We have mapped all the intuitive buttons to the logical place on the remote. There are some non intuitive buttons that need to be mapped. We have made some suggestions but we recommend that you customise this to your customers preferences.

BUTTON CONFIG__	
Custom 1 Button	Un-mapped
Custom 2 Button	DISMISS
Custom 3 Button	INTERACTIVE
Hash Button	SIDEBAR
Star Button	HELP
Menu Button	SERVICES
Cancel Button	SEARCH
	BOX OFFICE
	HOME
	TEXT
	Un-mapped
	SIDEBAR
	BACK UP

12. Click on the Connections tab.



13. Highlight the 'Sky' driver on the left hand side.

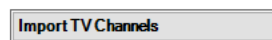


14. Bind the audio/video outputs to the relevant connections.

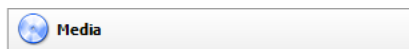
Name	Type	Connection	Input/Output	Connected To
Audio/Video Inputs				
Cable In	Video	RF_SKY	Input	Sky Network->Sky Network Video
Audio/Video Outputs				
OUTPUT	Video	COMPOSITE	Output	Television->HDMI 1
OUTPUT	Video	HDMI	Output	
OUTPUT	Audio	STEREO	Output	
OUTPUT	Audio	DIGITAL_OPTICAL	Output	
OUTPUT	Audio	DIGITAL_COAX	Output	
Room Control				
Room Selection - OUTPUT	RoomControl	VIDEO_SELECTION	Output	Room->Video End-Point

15. Click on the actions tab.

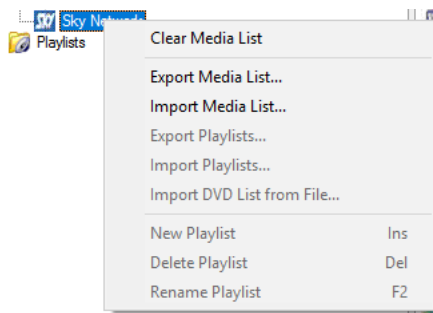
16. If this is the first time you have installed the driver and you want to automatically import the channels click on the Import TV Channels button.



17. If you want to manually import your own media lists (they may be prettier) Click on the Media tab otherwise skip to step 21



18. Right click the Sky Networks icon and click on Import Media List



19. Select the Media List for the Sky Network Channels you want to import.

Sky Network					
Channels					
Art	Channel #	Name	Description	Genre	
	101	BBC One London		Entertainment	
	102	BBC Two HD		Entertainment	
	103	ITV		Entertainment	
	104	Channel 4		Entertainment	
	105	Channel 5HD		Entertainment	
	106	Sky 1 HD		Entertainment	
	107	Sky Living HD		Entertainment	
	108	Sky Atlantic HD		Entertainment	
	109	W HD		Entertainment	
	110	GOLD		Entertainment	
	111	Dave HD		Entertainment	
	112	Comedy Central ...		Entertainment	
	113	Universal HD		Entertainment	
	114	Syfy HD		Entertainment	
	115	BBC One HD		Entertainment	
	116	BBC Four HD		Entertainment	

20. Click on the File and Refresh Navigators. Congratulations you have set up the Sky+HD / Sky Q driver.

Sky Stream (IR): Adding the driver to your project

IMPORTANT – Before undertaking the installation of the driver please follow the licencing steps outlined at the end of this document.

Note that this integration is infra-red only. You will need to run an infra-red emitter to the Sky Stream device.

1. Launch the Composer Pro application and connect to your project
2. In the 'System Design' page select the 'Search' tab on the right hand side.
3. Type in 'Sky Stream' in the search bar and press enter
4. Double click on the 'Sky Stream' driver to add it to your project
5. Highlight the 'Sky Stream' driver on the left hand side.
6. We have mapped all the intuitive buttons to the logical place on the remote. There are some non intuitive buttons that need to be mapped. We have made some suggestions but we recommend that you customise this to your customers preferences.
7. Click on the Connections tab.



8. Highlight the 'Sky Stream' driver on the left hand side.
9. Bind the HDMI outputs to the relevant connections.
10. Bind the IR connection to the IR port used.
11. Click on the File and Refresh Navigators. Congratulations you have set up the Sky Stream driver.

Sky Stream (IP): Adding the driver to your project

IMPORTANT – Before undertaking the installation of the driver please follow the licencing steps outlined at the end of this document.

Note that this integration is IP based. It requires a security certificate to connect to the Sky Stream. This certificate expires yearly. As such please ensure auto update is enabled so that the driver always has the up to date security certificate.

1. Launch the Composer Pro application and connect to your project
2. In the 'System Design' page select the 'Search' tab on the right hand side.
3. Type in 'Sky Stream' in the search bar and press enter
4. Double click on the 'Sky Stream (IP)' driver to add it to your project
5. Highlight the 'Sky Stream' driver on the left hand side.
6. Enter in the IP Address of the Sky Stream device.
7. Enter in the MAC address of the Sky Stream device (this is used to turn on the device via wake on lan). Note older 2024 models crash when sent a wake on lan packet or do not respond to the packet at all. For these models you can utilise an IR emitter to send a power on command.
8. We have mapped all the intuitive buttons to the logical place on the remote. There are some non intuitive buttons that need to be mapped. We have made some suggestions but we recommend that you customise this to your customers preferences.
9. Click on the Connections tab.



10. Highlight the 'Sky Stream' driver on the left hand side.
11. Bind the HDMI outputs to the relevant connections.
12. Click on the File and Refresh Navigators. Congratulations you have set up the Sky Stream driver.

OPTIONAL Sky Channels: Adding the driver to your project

IMPORTANT – Before undertaking the installation of the driver please follow the licencing steps outlined at the end of this document.

The Sky Channels driver delivers real-time "now playing" information across all channels available in the customer's region or on Sky Stream, directly within the Control4 navigator.

Unlike the legacy static Sky RF cloud driver, which only displayed channel artwork, this enhanced driver dynamically updates every few minutes. It automatically retrieves live channel data, including current programming details and cover art—eliminating the need for manual channel list maintenance. This ensures your system always displays accurate and up-to-date channel metadata, providing a seamless and rich browsing experience for end users

Note you only need a single instance of this driver as selection of a channel will select the box in use in that particular room or the first un-used box available.

The Sky Channels driver is optional however adds to the user experience.

1. Launch the Composer Pro application and connect to your project
2. In the 'System Design' page select the 'Search' tab on the right hand side.
3. Type in 'Sky Channels' in the search bar and press enter
4. Double click on the 'Sky Channels' driver to add it to your project
5. Highlight the 'Sky Channels' driver on the left hand side.
6. Select the REGION that you wish to import the channels from. If you are using Sky Stream please select 'Sky Stream' as the region.
7. If you have a Sky Q device put in the IP address of the Sky Q box. This limits the channels to only what is available on your customer's Sky Q subscription.
8. Click on the Connections tab.
The image shows a button with a small icon of two overlapping shapes (one blue, one green) and the word "Connections" in a sans-serif font. The button has a light gray gradient background.
9. Highlight the 'Sky Stream' driver on the left hand side.
10. Bind the RF_SKY binding to the Sky Q, Sky+ HD and Sky Stream devices you have in your project
11. Refresh Navigator

Can you give us some examples of how we could use this driver?

- The Sky Stream (IP) as well as the Sky+HD/Sky Q driver provides ip control. This means no more IR buds means no more IR bleeding and accidentally bud knocks.
- Sky Stream and Sky Glass integration is finally available via our updated driver.
- Speed up control over your customer's sky set top box.
- Your customer's sky media list will always be upto date with all the channels for their particular region.
- The Chowmain RF_SKY cloud will provide HD artwork and also updated meta data for what is currently playing on each channel thus making channel surfing even easier with Control4.

What hardware will this work on?

This driver will work for the following models. It may also work with future models.

- Sky+ HD
- Sky Q
- Sky Q Silver
- Sky Q Mini
- Sky Stream
- Sky Glass (ir only)

What makes the Sky Stream channel macro slow?

Changing channels requires navigating through Sky Stream's menu system, which can take time to load visual elements before accepting commands. In our tests, jumping directly to a specific channel via the channel list takes up to 30 seconds under optimal conditions.

Is the Sky Stream integration a free upgrade for existing Sky+HD/Sky Q driver customers?

Absolutely. If you've previously purchased our Sky+HD/Sky Q driver, simply update to the latest version to unlock the Sky Stream integration at no additional cost.

Do I need to install multiple of the Sky Channels drivers per box?

No install one instance of this Sky Channels driver only. This driver will figure out which boxes are unused that are available in that particular room and select the first unused box. If all boxes are in use it will just choose the first box.

Why does the cover art come up slowly?

Cover art is handled by navigator. As such the first time you load cover art it will pop up one by one as it loads from the internet. It will however be cached on the device which means it'll load faster next time.

