

Driver – Sony K-55XR70 Flat Panel Display IP

This release note is for the Crestron driver FlatPanelDisplay_Sony_K-55XR70_IP

Notes and Recommendations

- Sony has identified a situation in which high resource utilization within the display could cause the service the driver uses to disconnect for a random period of time. The driver will eventually reconnect once the service has restarted. The driver is now able to send a restart to the display at 3am, if the display is powered off. This will help to prevent the service restart and loss of control via the driver.
- Several Custom Commands were added to control power saving usage. Changing these levels did not seem to affect connectivity. The default value should be SetPowerSavingModeLow.
- The Menu command is supported via two commands. A standard Menu command which requires an additional Select be pressed in the pop-up and a Media Service app with Friendly Name, MenuSettings

System Requirements and Dependencies

Requires driver framework/SDK version - 23.x

A list of platforms with specific SDK versions can be found in the specifications section of <https://www.crestron.com/Products/Control-Hardware-Software/Software/Development-Software/SDK-CD>.

Installation/Upgrade Instructions

- Follow the on-screen prompts to configure the driver.
- Apps need to be installed on the TV, so they can be controlled as a media service.

End-User Experience

N/A

Limitations/Known Issues

- After the SetChannel command is sent, a delay of 1 second is enforced to prevent sending too many commands within a short period of time to prevent incomplete responses.
- If the display loses power and then regains power it will take a couple of minutes after regaining power before it will allow the driver to control it.

Supported Features

- Power
 - Power Feedback
 - Discrete Power
 - Toggle Power

- Warm Up Time
 - Cool Down Time
- Volume
 - Volume Percent Feedback
 - Set Volume
 - Change Volume
 - Mute
 - Discrete Mute
 - Mute Feedback
- Inputs
 - Input Feedback
 - Set Input Source
 - Video Input Feedback
 - Set Video Input Source
 - Audio Input Feedback
 - Set Audio Input Source
- Navigation
 - Arrow Keys
 - Exit
 - Home
 - Menu
 - Select
- Channel
 - Change Channel
 - Channel Feedback
 - Guide
 - Set Channel
- Keypad
 - Enter
 - Keypad Number
 - Period
- Color Keys
 - Color Buttons
- Energy Star
 - Discrete Energy Star
 - Energy Star Feedback
 - Toggle Energy Star
- Media Transport
 - Play
 - Pause
 - Stop
 - Forward Scan

- Reverse Scan
- Forward Skip
- Reverse Skip
- Back
- Media Transport Info
 - Info
- Device Inputs
 - HDMI 1
 - HDMI 2
 - HDMI 3
 - HDMI 4
- Available Media Services
 - ABC
 - ABC News Live
 - Amazon Music
 - Amazon Prime Video
 - AMC+
 - Apple TV
 - BraviaNotifications
 - BritBox
 - CBS
 - CBS News
 - CNN
 - Crunchyroll
 - DAZN
 - deezer
 - DirecTV Stream
 - Discovery+
 - Dish Anywhere
 - Disney+
 - DisneyNOW
 - EcoDashboard
 - ESPN
 - Fandango
 - Food Network
 - FOX Local
 - FOX NEWS
 - FOX Sports
 - Freevee
 - Fubo TV
 - FXNOW
 - Google Play

- Help
- HGTV
- Hulu
- iHeartRadio
- Kodi
- LivingDecor
- Max
- Media Player
- MenuSettings
- MGM+
- MLB.TV
- Music
- My BRAVIA
- NBA
- NBC
- NBC News
- NBC Sports
- Netflix
- NFL
- NHL
- Now Thats TV Plus
- Pandora
- Paramount+
- PBS
- PBS Kids
- Peacock
- Peloton
- Play Games
- Play Movies & TV
- Play Store
- Plex
- Pluto TV
- PS Remote Play
- Red Bull TV
- SiriusXM TV
- Sling TV
- Smart TV
- Sony Pictures Core
- Sony Crackle
- Sony Select
- Spotify

- STARZ
- TBS
- TIDAL
- TNT
- Timers
- Tubi
- TuneIn Radio
- TV
- Twitch
- UFC
- Viki
- VLC
- VRT MAX
- YouTube
- YouTube Kids
- YouTube Music
- YouTube TV
- Custom Commands
 - SetPowerSavingModeOff
 - SetPowerSavingModeLow
 - SetPowerSavingModeHigh
 - SetPowerSavingModePictureOff
 - GetMediaServices

Test Environment

Crestron Software

- Crestron database - 227.00.003.00
- Crestron Home - 4.03

Devices Used for Testing

- Sony Bravia 7 K-55XR70 (FW: "BRAVIA_AE2_NA-user 12 STT2.231117.001 624070 release-keys")

Supported Models

K-55XR70	K-65XR80C	Y-65XR80
XRJ-65A95L	K-55XR80	Y-55XR80
XRJ-55A95L	K-55XR80C	Y-85XR90
K-85XR70	K-85XR90	Y-75XR90
K-75XR70	K-75XR90	Y-65XR90
K-65XR70	K-65XR90	K-65XR83
K-75XR70C	K-77XR83	K-65XR84

K-65XR70C	K-77XR84	Y-85XR70
K-77XR80	K-55XR83	Y-75XR70
K-77XR80C	K-55XR84	Y-65XR70
K-65XR80	Y-77XR80	Y-55XR70

Supported Platforms

4-Series

Contact Information

Contact Crestron TrueBlue support for assistance with this driver.

Version History

1.0000.0011 - 10/31/2024

- Initial driver release

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