KURV 1.0 SEARCH REMOTE 🔍

Remote Pairing Operation

STB / Remote IR – RF Mode Conversion

For customers who wish to place the STB in a non-line of sight position (with respect to the remote control) the remote must operate in RF mode. As the remote operates in IR mode by default the user will have to convert the remote operation from IR mode to RF mode by the following sequence:

- While in the same room with the STB, press and hold **Set** on the remote for approximately 3 seconds. The remote LED will initially display red.

- After 3 seconds the remote LED will turn green. Immediately press the home button (⌂).

- A 3-digit code will be displayed on the TV screen.

- Enter the 3-digit code shown on the TV.

- If successful, "Connected" will be displayed on the TV screen and the remote now operates via RF mode.

If "Connected" is not displayed, wait 3 minutes, then try the above procedure again.

Once successfully paired (Connected), the STB may be placed in a non-line of sight location such as behind the TV or in a cabinet.

To return the remote to the line of sight IR mode of operation, perform the following steps:

- On the remote press and hold **Set** for 3 seconds, until the LED turns green.
- On the remote Press **9** **8** **1** .
- Successful completion is signaled by 2 green blinks.

If the remote at any time fails to pair, or is not functioning properly, factory reset the remote using the **Set** **9** **8** **1** sequence above, then re-pair remote.

TV / Remote Programming

Prior to programming remote control to control volume on TV/Power Bar, ensure that volume on those devices is fully turned up. This will yield the widest audio dynamic range when remote is used to control volume on those devices.

By default, the remote controls the Volume and Power on the STB. To program the remote to the TV, such that remote Master Power key presses adjust Power and Volume on the TV by Infrared commands directly follow the instructions below:

- Press and hold the **Set** key until the remote LED turns green.
- Enter the 5-digit code as shown in **Appendix A**.
- Successful programming is indicated by two green blinks of the LED.
- Unsuccessful programming is indicated by two red blinks of the LED.

Ecosystem Setup Recommended for the Correct Audio Behavior

It is **strongly** recommended to program the KURV remote to allow the TV or Audio System control the sound. This will ensure that any channels encoded with Dolby Surround operate as expected. If the STB is allowed to control the sound, channels encoded with Dolby Surround may render with no audio.

Programming codes for TV's and Audio Systems are found in Appendices A and B.

NOTE: When entering TV programming codes, ensure the code used has the ability to control both Power and Sound. Some codes may control Power alone and some Audio alone. Use the code that controls both Power and Sound to process Dolby Surround as expected. When the TV code has been programmed, confirm the volume key on the remote brings up the TV sound level indicator, not the STB sound level indicator.

It is also **strongly** recommended that any TV sound leveling technology be disabled. This technology is generally used to squelch advertisement audio that is increased intentionally. This technology may cause unintended variations in sound levels.

TV Code Auto-Search Method

If a code cannot be located in Appendix A or B, use this method to find control programming:

- Press and hold the **Set** key for 3 seconds, until the LED turns green.
- On the remote Press **9** **9** **1** .
- Press the **CH** **∧** sequentially until the TV turns off.
- Press the **OK / SELECT** key to enter this control into the remote.
- Successful programming is indicated by two green blinks of the LED.

Volume and Mute Controlling Device Link

By default, the remote controls the Volume and Mute on the STB. To program the remote to control Volume and Mute on the TV follow the instructions below:

- Press and hold the **Set** key until the remote LED turns green.
- Press the **VOL** **∧** key.
- Successful programming is indicated by two green blinks of the LED.
- Unsuccessful programming is indicated by two red blinks of the LED.

To return remote to default for Volume and Mute control on the STB, follow the instructions below:

- Press and hold the **Set** key until the remote LED turns green.
- Press the **VOL** **∨** key.
- Successful programming is indicated by two green blinks of the LED.
- Unsuccessful programming is indicated by two red blinks of the LED.

Remote Behavior

If the remote has been programmed to the TV as described on the previous page, the Remote's TV power button (TV⏻) will control the TV power only.

This will not affect the powered state of the STB. The "all devices" power button (⏻) will control the TV power as well as the STB power states if remote has been fully programmed with TV and Audio system.

The "all devices" power button (⏻) may be used in two ways while system is fully powered on:

Short Press: Will turn off TV and put the STB into a standby mode.

Long Press: User will be prompted if they want STB to be powered down (non-standby) mode. If OK is selected, the TV and STB will all be powered down. The STB will be fully powered down and not be in standby mode.

NOTE: To prevent the STB and the "all devices" power button (⏻) user input reactions from becoming unsynchronized (i.e. the "all devices" power button (⏻) turns the TV Off while turning the STB On, or vice versa) it is recommended to use only Short Presses of the "all devices" power button (⏻) .

If a Long Press of the "all devices" power button is used to Power Off the TV, it **MUST** be followed by a Long press to turn the TV back On. If a Long Press to turn the TV Off is followed by a Short Press to turn TV On, the TV and STB may become unsynchronized with the respect to being On or Off at the same time.

If the TV and STB become unsynchronized with respect to power button presses, power cycle (i.e. Remove power) to the STB, while the TV is On. This will re-synchronize the TV and STB power.

KURV 2.0 VOICE REMOTE

Remote Pairing Operation

STB / Remote IR – RF Mode Conversion

For customers who wish to place the STB in a non-line of sight position (with respect to the remote control) the remote must operate in RF mode. As the remote operates in IR mode by default the user will have to convert the remote operation from IR mode to RF mode by the following sequence:

- While in the same room with the STB, press and hold **Set** on the remote for approximately 3 seconds. The remote LED will initially display red.

- After 3 seconds the remote LED will turn green. Immediately press the home button (⌂).

- A 3-digit code will be displayed on the TV screen.

- Enter the 3-digit code shown on the TV.

- If successful, "Connected" will be displayed on the TV screen and the remote now operates via RF mode.

If "Connected" is not displayed, wait 3 minutes, then try the above procedure again.

Once successfully paired (Connected), the STB may be placed in a non-line of sight location such as behind the TV or in a cabinet.

To return the remote to the line of sight IR mode of operation, perform the following steps:

- On the remote press and hold **Set** for 3 seconds, until the LED turns green.
- On the remote Press **9** **8** **1** .
- Successful completion is signaled by 2 green blinks.

NOTE: The remote must be in RF Paired (Bluetooth) mode for remote Voice functionality to work correctly. If the remote at any time fails to pair, or is not functioning properly, factory reset the remote using the **Set** **9** **8** **1** sequence above, then re-pair remote.

TV / Remote Programming

Prior to programming remote control to control volume on TV/Power Bar, ensure that volume on those devices is fully turned up. This will yield the widest audio dynamic range when remote is used to control volume on those devices.

By default, the remote controls the Volume on TV, and Power on the STB. To program the remote to the TV, such that remote Master Power key presses adjust Power and Volume on the TV by Infrared commands directly follow the instructions below:

- Press and hold the **Set** key until the remote LED turns green.
- Enter the 5-digit code as shown in **Appendix A**.
- Successful programming is indicated by two green blinks of the LED.
- Unsuccessful programming is indicated by two red blinks of the LED.

Audio System - Sound Bar / Remote Programming

Prior to programming remote control to control volume on TV/Power Bar, ensure that volume on those devices is fully turned up. This will yield the widest audio dynamic range when remote is used to control volume on those devices.

By default, the remote controls the Volume on TV, and Power on the STB. To program the remote to the Sound Bar, such that remote Master Power key presses adjust Volume on the Sound Bar by Infrared commands directly, follow the instructions below:

- Press and hold the **Set** key until the remote LED turns green.
- Enter the 5-digit code as shown in **Appendix B**.
- Successful programming is indicated by two green blinks of the LED.
- Unsuccessful programming is indicated by two red blinks of the LED.

Ecosystem Setup Recommended for the Correct Audio Behavior

It is **strongly** recommended to program the KURV remote to allow the TV or Audio System control the sound. This will ensure that any channels encoded with Dolby Surround operate as expected. If the STB is allowed to control the sound, channels encoded with Dolby Surround may render with no audio. Programming codes for TV's and Sound Bars/Systems are found in Appendices A and B.

> **NOTE:** When entering TV programming codes, ensure the code used has the ability to control both Power and Sound. Some codes may control Power alone and some Audio alone. Use the code that controls both Power and Sound to process Dolby Surround as expected. When the TV code has been programmed, confirm the volume key on the remote brings up the TV sound level indicator, NOT the STB sound level indicator.

It is also **strongly** recommended that any TV sound leveling technology be disabled. This technology is generally used to squelch advertisement audio that is increased intentionally. This technology may cause unintended variations in sound levels. **13**

TV Code Auto-Search Method

If a code is not in Appendix A or B, use this method to find control programming:

- Press and hold the **Set** key for 3 seconds, until the LED turns green.
- On the remote Press **9** **9** **1** .
- Press the **CH** **∧** sequentially until the TV turns off.
- Press the **OK / SELECT** key to enter this control into the remote.
- Successful programming is indicated by two green blinks of the LED.

Volume and Mute Controlling Device Link

By default, the remote controls the Volume & Mute on the TV or Sound Bar. To program the remote to control Volume and Mute on the STB, such that remote can adjust volume on the Sound Bar by Infrared commands directly, follow these instructions:

- Press and hold the **Set** until the remote LED turns green.
- Press the **VOL** **∨** key.
- Successful programming is indicated by two green blinks of the LED.
- Unsuccessful programming is indicated by two red blinks of the LED.

To return remote to default for Volume and Mute control on the TV or Sound Bar, follow the instructions below:

- Press and hold the **Set** key until the remote LED turns green.
- Press the **VOL** **∧** key.
- Successful programming is indicated by two green blinks of the LED.
- Unsuccessful programming is indicated by two red blinks of the LED.

Remote Behavior

If the remote has been programmed to the TV and Audio Systems as described on the previous page, the remote's TV power button ( ) will control the TV power only.

This will not affect the powered state of the STB. The "all devices" power button ( ) will control the TV power as well as the STB and audio system power states if remote has been fully programmed with TV and Audio system.

The "all devices" power button ( ) may be used in two ways while system is fully powered on:

Short Press: Will turn off TV / Audio System and put the STB into standby mode.

Long Press: User will be prompted if they want STB to be powered down (non-standby) mode. If **OK** is selected, the TV, Audio system, and STB will all be powered down. The STB will be fully powered down and not be in standby mode.

NOTE: To prevent the STB and the "all devices" power button ( ) user input reactions from becoming unsynchronized (i.e. the "all devices" power button ( ) turns the TV Off while turning the STB On, or vice versa) it is recommended to use only Short Presses of the "all devices" power button ( ) .

If a Long Press of the "all devices" power button is used to Power Off the TV, it **MUST** be followed by a Long press to turn the TV back On. If a Long Press to turn the TV Off is followed by a Short Press to turn TV On, the TV and STB may become unsynchronized with the respect to being On or Off at the same time.

If the TV and STB become unsynchronized with respect to power button presses, power cycle (i.e. Remove power) to the STB, while the TV is On. This will re-synchronize the TV and STB power.