

Roomate installation instructions

By: Neil Betterton

Purpose of Roomate:

The Roomate is a device that can be used to allow standard remote controls to be used to control the NEW user interface.

The basic operation from the point of view of the guest is as follows:

1. Roomate monitors the remote controls sent by the guest and when it decodes a “Trigger” key it generates a call to the NEW.
2. When Roomcast receives message from trigger key, it will automatically change the TV input to the HDMI port its connected to (when HDMI-CEC is enabled on in the TV settings).
3. While the TV is displaying the Roomcast screens, the Remote control standard Navigations keys including up,down,left,right and Select/OK key are redirected to the Roomcast for its own Navigation.
4. When the Roomcast returns the TV back to normal programing, the Navigation keys will no longer be received by the Roomcast.

Roomcast can decode multiple remote control protocols, currently it is set to work with Most Cable boxes (regardless of provider), Sonifi (formerly Lodgenet), Samsung and LG TVs (when using their standard remote controls).

Roomate Installation:

REQUIRED CONNECTIONS

1. HDMI Connection to Roomcast
2. HDMI Connection to the TV
3. IR Sensor or MTI-IR Cable

An IR Sensor is required if the TV in question is not a Hospitality TV or if the MTI/MPI port (RJ11) is already in use. The Roomate will come standard with a MTI-IR Cable. Below image shows IR prism connected (3). The MTI/MPI cable plugs to TV with RJ11 type connector.

Note:

There is another Stereo jack input on the Roomcast (RCST) side - which should be capped off - please do not use this port.



REQUIRED ITEMS

1. TV (pre-qualified for use with Samsung and LG hospitality TV's)
2. Roomcast unit with accessories
3. Roomate unit with accessories
4. Samsung Remote, LG Remote, Cable Remote, Sonifi Remote

INSTALLATION

Step 1 - Test Roomcast to TV Auto-Input-Switching (via HDMI-CEC feature)

1. Connect Roomcast to TV as it would be normally installed and used
2. Enable HDMI-CEC on the TV (Samsung trade name for the feature is AnyNet+, LG trade name for the feature is Simplink)
3. Once Roomcast is fully booted up and you see the Welcome screen... change the input of the TV to a different input (after booting it may automatically switch itself off of Roomcast. if not do it manually).
4. Now press the Select key on the Roomcast remote to test that the input will switch to Roomcast.
5. Confirm the auto-input-switching operation is working with the standard Roomcast Remote Control that ships with the product. This is a pre-requisite to using Roomate.

note: to check or enable Simplink on LG you must access the installer menu. To do this press the menu button on the LG remote repeatedly until it stops responding. Then press 9,8,7,6,enter/ok. You will see a textual menu overlay. navigate up or down until you reach Simplink (item #41). Ensure it is set to 001 (enabled).

Step 2 - Connect the Roomate remote control adapter:

1. Remove the HDMI cable connecting Roomcast to TV (on the TV side).
2. Connect the HDMI cable from Roomcast (HDMI TV port) should now plug into Roomate (RCST port).
3. A short HDMI cable supplied with Roomate should go from Roomate (TV port) to the any HDMI port of your choice on the TV.
4. Connect the communications cable to the Roomate (aux jack next to the TV port) and the other end to the TV's MPI/MTI port. If the TV does not support MPI/MTI then connect the IR prism to Roomate instead.
4. Using the **Roomcast Remote control again**, confirm that the operation has not been compromised. Return to normal TV.

Step 3 - Test the Roomate remote control adapter

1. Using the Samsung Remote control press the "D" blue button, this is the trigger key to call the Roomcast. The Roomcast screen should appear, and navigation should be possible using the Samsung Remote controls.
Exit the Roomcast and return back to normal TV
2. Confirm that when on normal TV, the "SELECT/OK" key does not trigger the Roomcast.