

# HTV Emulator-1 Setup Guide for Samsung HQ60A TVs

## Installation of the HTV Emulator-1

1. Secure the HTV Emulator to the back of the TV using the Velcro dot. It can be located near the side connector panel, with the Pillow Speaker jack FACING DOWN
2. Plug the audio cable from the VARIABLE AUDIO IN jack to the TV's VARIABLE AUDIO OUT jack. **DO NOT PLUG THIS INTO THE HTV EMULATOR'S AUDIO IN JACK.**
3. Plug the DATA Cable from the DATA jack to the TV's 3.5mm DATA jack to control the TV's actions.
4. Plug in the nurse call or pillow speaker cable to the Pillow Speaker jack. This is a 3.5mm jack and might require adapter cables for the various types of nurse call system implementations that are available. See Page 2 for optional available cables.
5. Plug in the power cable from the PWR jack to the TV's USB port, to provide power the device.
6. IMPORTANT STEP - Secure the nurse call or pillow speaker cable to the TV with the included zip tie and anchor.

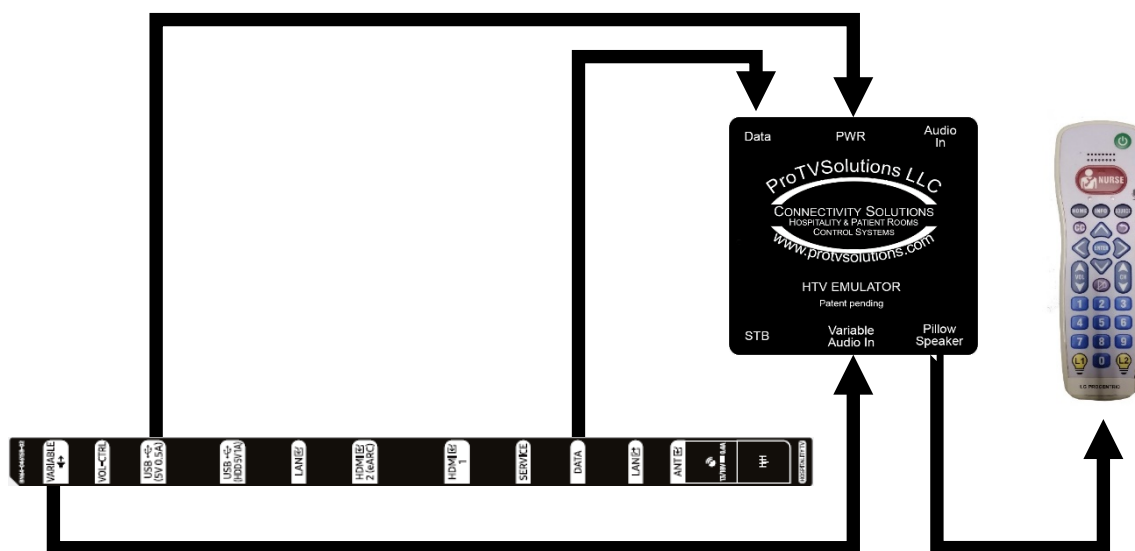
2. Using the wizard that should appear, select US, then Factory Menu.
3. Select the option "SI Vendor" and set it to "SSCP".
4. Select Bathroom Speaker –
  - a. Set SubAmp Mode = 3
  - b. Set SubAmp Volume = 4
 Note: If you can't select SubAmp Mode = 3, then the TV's firmware needs to be updated with the latest firmware!
5. Select the "Virtual Standby" option and turn it ON. This option allows the Internal USB power to be available when the TV is in standby.
6. Installers may change other settings as necessary at this time.
7. H-BROWSER can be either ON or OFF, depending on the installation.
8. Exit the factory menu by powering off the TV.

## Configure the HTV Emulator for the HQ60A TV

1. Temporarily disconnect the USB cable from the TV.
2. Push and hold the "1" key on the pillow speaker while plugging the USB cable back into the TV.

## TV settings using the Samsung Hospitality Menu

1. Starting with a new or just factory reset TV, power on the TV.



## Troubleshooting





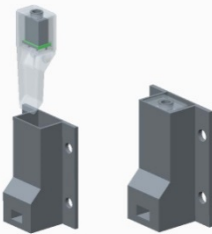
NO CONTROL of TV – Confirm pillow speaker is setup for either Zenith or Samsung protocol. Instructions typically included with pillow speaker.

DISTORTED AUDIO - If the audio is distorted, confirm that the connection to the emulator is made to the VARIABLE AUDIO IN jack. Also confirm that the SubAmp Mode is set to 3 and that the SubAmp Volume is set to 4.

TV WON'T TURN ON WITH PILLOW SPEAKER –Virtual Standby may not have been enabled in the Samsung Hospitality Menu. You can confirm that Virtual Standby is on, by looking to see if the SPDIF shows a red light when the TV is OFF. If not, set Virtual Standby to ON.

Additional support, videos and guides are available at - [www.protvsolutions.com/htve-support.html](http://www.protvsolutions.com/htve-support.html)  
You may also Email us at [info@ProTVSolutions.com](mailto:info@ProTVSolutions.com), or phone 888.866.9981

# ProTVSolutions Healthcare Product and Accessory Line Card

PRODUCT	IMAGE	KEY FEATURES	REQUIREMENT
<b>Adapters and Cables for Healthcare Products</b>		<ul style="list-style-type: none"> <li>• Samsung TRRRS to RJ12 data cable, 40cm. Short for clean installations!</li> <li>• 3.5mm Male to 3.5mm Male 1M cables for Samsung TV's</li> <li>• 6-pin Male to 3.5mm Male, for LG TV's</li> <li>• 6-pin Female 3.5mm Male, for LG TV based installations</li> <li>• 1/4" Male to 3.5mm Male cables or adapters needed for many installations</li> <li>• 1/4" Female to 3.5mm Male Adapter, for various pillow speakers</li> <li>• 1/4" Female to 3.5mm Male cable, for various pillow speakers</li> <li>• Others available as well, all high quality at reasonable prices</li> </ul>	
<b>HTV Emulator</b> Part# HTV Emulator-1		<ul style="list-style-type: none"> <li>• Hospital TV Emulator – Why buy expensive Healthcare TV's?</li> <li>• Offers pillow speaker control &amp; audio with non-healthcare TV's and STB's</li> <li>• Works best with Samsung and LG hospitality televisions</li> <li>• Communicates through MPI or SSCP protocols</li> <li>• No IR blasters, direct wired communication to TV and STB</li> </ul>	<ul style="list-style-type: none"> <li>• TV must have analog audio</li> <li>• TV must have MPI or SSCP protocols</li> <li>• Some STB protocols may need to be added</li> </ul>
<b>Pillow Speaker Interface (PSI)</b> Part# PSI-ADB-2		<ul style="list-style-type: none"> <li>• Control hospital grade TV AND Set Top Box with a standard Pillow Speaker</li> <li>• Supports a wide range of STB's including Cable, Satellite, and IP</li> <li>• Patients can enjoy a home like viewing experience</li> <li>• Compatible with almost any hospital grade TV</li> <li>• Pillow Speaker buttons can be mapped for any function on TV or STB</li> <li>• Can be combined with IR2USB for boxes without an IR input</li> </ul>	<ul style="list-style-type: none"> <li>• TV's and Pillow Speakers must support Zenith, Philips or Pro:Centric protocols</li> <li>• Hospital grade TV</li> <li>• STB or SBB with IR input</li> </ul>
<b>Pillow Speakers</b>		<ul style="list-style-type: none"> <li>• Pillow speakers that have the right keys to work well with cable and satellite STB's</li> <li>• Anacom Medtek and Crest line available</li> </ul>	
<b>Remote Prism Tunnel</b> Part# RP Tunnel		<ul style="list-style-type: none"> <li>• Designed to eliminate IR interference between adjacent TV's</li> <li>• Great for multiple beds in clinics, senior living and hospitals</li> <li>• Also designed for bars, restaurants and fitness centers</li> <li>• Easy to install, installs in less than 1 minute</li> <li>• Includes Remote Prism, 3m cable and mounting hardware</li> <li>• Can be combined with IR2HID for boxes without an IR input</li> </ul>	<ul style="list-style-type: none"> <li>• STB or SBB with IR input</li> <li>• Multiple TV's</li> </ul>