

HTV Emulator-1 Quick Setup for Samsung HGxxNT690U TV's

CUT PLASTIC HERE. DO NOT CUT OVER CABLES.

Installation of the HTV Emulator-1

1. The HTV Emulator can be secured to the back of the TV using the included Velcro dot. It can be located in the TV's connector inset just above the TV's product label, with the Pillow Speaker, Variable Audio In, and STB jacks 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 micro USB cable from the PWR jack to the TV's USB port to provide power the device.
4. Plug the flat cable from the DATA jack to the TV's DATA jack to control the TV's actions.
5. 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.
6. **IMPORTANT STEP** - Secure the nurse call or pillow speaker cable to the TV with the included zip tie and anchor.

Standalone or H-Browser Installation Configuration

For Standalone Configuration (Channel ring or REACH)

1. Unplug the USB cable from the TV.
2. Plug USB cable back into the TV.
3. Within 5 seconds PUSH 0 on the pillow speaker.
4. The HTV Emulator is now configured for a Standard Installation.

For H-BROWSER Configuration

1. Unplug the USB cable from the TV.
2. Plug USB cable back into the TV.
3. Within 5 seconds PUSH 1 on the pillow speaker.
4. The HTVE is now configured for H-BROWSER installations.

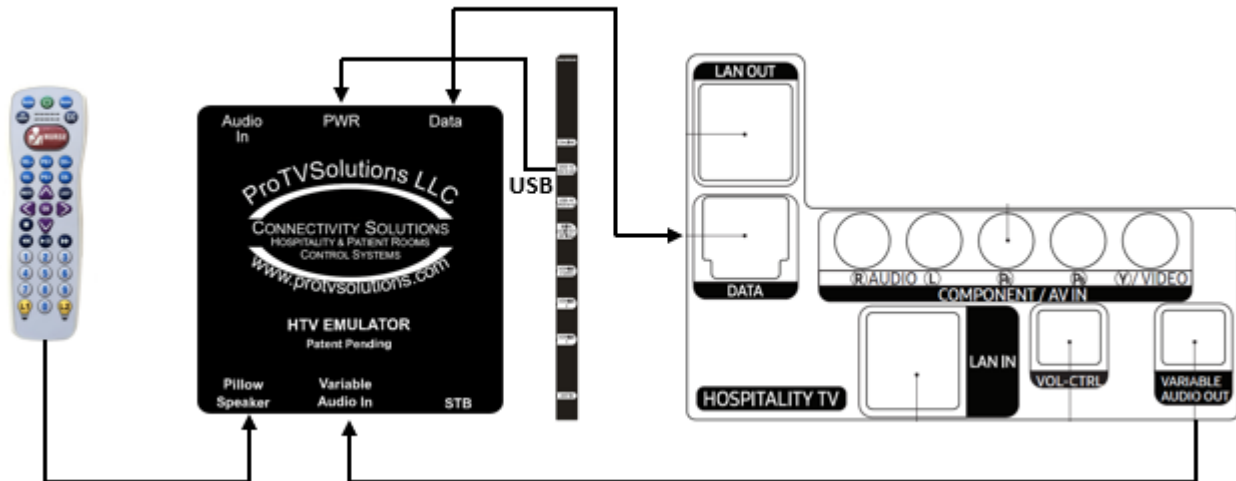
TV settings using the Samsung Hospitality Menu*

1. Turn the TV On. Using the remote control enter the TV's **Main Menu**.
2. Select SOUND, and set the Sound Output to External speakers.
3. Enter the Configuration menu (MUTE, 1, 1, 9, SELECT)
4. 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.
5. Select the option "SI Vendor" and set it to "SSCP".
6. Select Bathroom Speaker, set SubAmp Mode and Volume –

PARAMETER	STANDALONE	H-BROWSER
SubAmp Mode	2	1
SubAmp Volume	4	3

7. Installers may change other settings as necessary at this time.
8. Exit the factory menu by powering off the TV.

* See the Samsung TV Setup Guide on how to access the Hospitality Menu



HGxxNT690U WIRING DIAGRAM

Troubleshooting



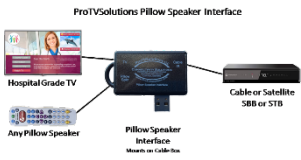

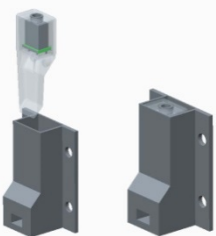
NO CONTROL of TV – Confirm pillow speaker is setup for either Zenith or Samsung protocol. Instructions typically included with pillow speaker.

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 2, and that the Volume is set to 4 for standalone installation or SubAmp Mode is set to 1, and that the Volume is set to 3 for HBROWSER applications.

NO VOLUME OR MUTE INDICATOR - Volume and mute button presses are not visible on the TV screen on standalone mode as these parameters are being controlled outside the TV. But if the installation is on a HBROWSER setup then make sure that the SubAmp Mode is set to 1. On Standalone mode you should be able to hear the volume increasing, decreasing and muting even without visual displays.

TV WON'T TURN ON WITH PILLOW SPEAKER – Check that Virtual Standby is enabled in the Samsung Hospitality Menu. If Virtual Standby is not available, use an external power supply to power the HTV Emulator.

ProTVSolutions Healthcare Product and Accessory Line Card

PRODUCT	IMAGE	KEY FEATURES	REQUIREMENT
Adapters and Cables for Healthcare Products		<ul style="list-style-type: none"> • 3.5mm Male to 3.5mm Male 1M cables for Samsung TV's • 6-pin Male to 3.5mm Male, for LG TV's • 6-pin Female 30 3.5mm Male, for LG TV based installations • 1/4" Male to 3.5mm Male cables or adapters needed for many installations • 1/4" Female to 3.5mm Male Adapter, for various pillow speakers • 1/4" Female to 3.5mm Male cable, for various pillow speakers • Others available as well, all high quality at reasonable prices 	
HTV Emulator Part# HTV Emulator-1		<ul style="list-style-type: none"> • Hospital TV Emulator – Why buy expensive Healthcare TV's? • Offers pillow speaker control & audio with non-healthcare TV's and STB's • Works best with Samsung and LG hospitality televisions • Communicates through MPI or SSCP protocols • No IR blasters, direct wired communication to TV and STB 	<ul style="list-style-type: none"> • TV must have analog audio • TV must have MPI or SSCP protocols • Some STB protocols may need to be added
Pillow Speaker Interface (PSI) Part# PSI-ADB-2		<ul style="list-style-type: none"> • Control hospital grade TV AND Set Top Box with a standard Pillow Speaker • Supports a wide range of STB's including Cable, Satellite, and IP • Patients can enjoy a home like viewing experience • Compatible with almost any hospital grade TV • Pillow Speaker buttons can be mapped for any function on TV or STB • Can be combined with IR2USB for boxes without an IR input 	<ul style="list-style-type: none"> • TV's and Pillow Speakers must support Zenith, Philips or Pro:Centric protocols • Hospital grade TV • STB or SBB with IR input
Pillow Speakers		<ul style="list-style-type: none"> • Pillow speakers that have the right keys to work well with cable and satellite STB's • Anacom Medtek and Crest line available 	
Remote Prism Tunnel Part# RP Tunnel		<ul style="list-style-type: none"> • Designed to eliminate IR interference between adjacent TV's • Great for multiple beds in clinics, senior living and hospitals • Also designed for bars, restaurants and fitness centers • Easy to install, installs in less than 1 minute • Includes Remote Prism, 3m cable and mounting hardware • Can be combined with IR2HID for boxes without an IR input 	<ul style="list-style-type: none"> • STB or SBB with IR input • Multiple TV's