

HTVE-U in combination with Digital to Analog converter

Summary:

The HTVE-U interface main operation requires a Headphone audio output to supply sound to the Pillow speaker, some consumer TVs may not have a Headphone output, in most of those cases, the TV supports a digital optical audio output. Digital to analog converters provide a fixed level of audio; to implement volume control, it is necessary for the HTVE-U interface to internally increase and decrease the volume level, (Internal Volume control).

To set the HTVE-U interface in internal volume control:

1. Recycle power to the HTVE-U, The HTVE-U LEDs will blink a number of times.
2. Using the TV Remote control send the command "VOLUME DOWN". The HTVE-U will blink a number of times depending on the brand of TV:

TV Brand	Number of Blinks
Insignia, TCL, Onn, Hisense	1
LG, VIZIO, RCA (new)	2
Samsung	3
RCA (old)	4

Once the HTVE-U interface is set for Internal Volume Control, when the Pillow speaker is used, the volume will be increased or decreased, but there will be no On screen display.

Installation:

1. USB connection to power the Digital to Analog converter. Connect to the TV's USB port, this will avoid requiring another USB power supply.
2. Digital cable SPDIF connects to the TV's digital port. Make sure that the TV's audio options are set to select the digital output instead of the Internal TV speakers.
3. Headphone output from the D/A converter to the HTVE-U Headphone input
4. USB connection to power the HTVE-U, normally it must be connected to a power supply, but in the case of some Samsung TVs their USB ports can be used by setting the "Virtual Standby" option on the factory menu. Those TV's have two USB ports, and therefore can support both the D/A converter and the HTVE-U
5. Connection from the HTVE-U to the Pillow speaker, normally it will be a connection to the back of the Wall, behind the TV.

