



# What connections do I use?





Determining how you want to connect your new unit to your TV and what cables you will use to connect to your TV is the first step to getting set up and enjoying the world of HD television and the use of your Set Top Box or PVR unit.

## What is best for my TV?

*Note: Older TVs will not have HDMI input connections and in most cases do not have Component input either and as such must use Composite input to connect your Set Top Box or PVR. Most new TV's will offer HDMI, Component and Composite inputs which gives you flexibility to decide which inputs to use.*

Display Type	Image	Description	Best Option(s)
<b>Standard Definition TV</b>		All CRT TV's, Non HD Ready Rear Projection TV's, Non HD Ready LCD and Plasma TV's	RCA Composite is the recommended connection type for all standard definition TV's.
<b>High Definition TV</b>		HD Ready LCD and Plasma TV's, HD Ready Rear Projection TV's, Digital Projectors	HDMI is the recommended and best connection type for any HD TV that supports it. If your HD TV does not have HDMI, RCA Component should be used which provides a similar level of quality

## Cable Types:

Cable Type	Image	Description
<b>RCA Composite</b>		Red, Yellow and White RCA cables which deliver standard definition audio and video. Generally used on lower definition (up to 576i PAL resolution) TVs or those without component or HDMI input. Composite is the most basic and commonly used means of connection.
<b>RCA Component</b>		Red, Blue, Green RCA video cables provides a high definition picture (up to 1080i PAL) however component cables do not carry audio signal and as such need a second cable(s) in order to output audio. The easiest way to do this is with the white and red cables that are part of the composite cables. Component cables are generally used to achieve HD video output for a TV that does not support HDMI.
<b>S-Video</b>		The single S-Video cable provides higher definition picture (up to 576i PAL) than Composite, but lesser than Component and HDMI. Like component there is no audio channel in the cable and as such a second cable(s) is required to provide audio output from the unit. The easiest way to do this is with the white and red cables that are part of the composite cables. S-Video is commonly used when HDMI and Component cannot be used for video output.
<b>HDMI</b>		The HDMI cable provides full high definition (up to 1080p PAL) resolution with high definition audio all through the one cable. HDMI provides better audio and video quality than all other connection means and is the ideal output for high definition TVs that support HDMI. HDMI cables are generally used when your TV can support HDMI input.