

# Watch DVDs, Satellite TV and More, From Any TV in the House!



Enjoy a complete whole-house video system that allows you to watch your DVD player, security cameras, satellite receivers, or any other A/V component from any TV in your house. Setting it up is easy. Start by connecting two runs of RG-6 coaxial cable to each room: one bringing signals into the room, and another taking signals out.

To distribute A/V signals, you'll need an external modulator. For example, if you connect a DVD player in Room A to a modulator that outputs to channel 70, you'll be able to watch it from Room B on channel 70. The same goes for video signals from VCRs, security cameras, cable boxes, etc.

When modulating a video signal onto a specific channel, select a range of channels that don't have any signals on them. If you can't find any, use a low pass filter to remove existing channels above a certain point and allow modulated channels to be placed on the cable without interference. The filters also keep modulated channels from traveling to your neighbor's TV.

In homes where cable runs from the main distribution panel are approximately the same length, you can use a relatively simple distribution panel. However, you will most likely have runs of cable with vastly different lengths. Outputs to longer runs need more amplification than shorter runs. Most commonly, people add amplifiers ahead of the splitters (either passive or amplified) to get more signal strength. But this method invites some potential problems. On shorter runs, many of the channels will be over amplified (for example, when you hear a buzzing sound when there's white print superimposed on the screen). To fix this problem, install Signal Strength Attenuator Pads on the coax line. Another problem, which occurs on longer runs, causes lower channels to look good, while higher channels are noticeably weak. To fix this problem, install a Tilt Compensator.

You can purchase distribution panels that have the short and long run inputs and outputs ready for connection. Some panels are pre-engineered for cable runs of 100, 200 or 300 feet. These panels install in a central location and can be flush mounted between two wall studs, or surface mounted. You can also customize your own distribution system with a selection of amplifiers, tilt compensators and splitter/combiners.

For more technical tips and FAQs, visit our help desk online at [smarthome.custhelp.com](http://smarthome.custhelp.com)

## Which Modulator Should You Choose?

ITEM NUMBER	MANUFACTURER	ANALOG	DIGITAL	BUILT-IN RF COMBINER	S-VIDEO OUTPUTS	ADJUSTABLE GAIN	LED DISPLAY	IR SUPPORT
7781C	Theater		■	■				■
7781B	Theater		■	■				■
7701RM	ChannelPlus		■					■
7704CM	ChannelPlus		■					■
7702A	ChannelVision		■			■	■	
7702F	ChannelVision		■			■	■	
7702C	ChannelVision		■			■	■	
770201	ChannelVision		■				■	
7762	Netmedia		■					
7760	Netmedia		■					
7715A	Holland		■					
7764	Holland		■					■
7702ST1	ChannelVision		■			■	■	
7764T	Terk		■		■			
77041	Terk		■		■			
7780AD	Theater		■					■
7781D	Theater		■	■				■



### An All-In-One Video Distribution System Perfect for Most Homes

- Monitor any room from anywhere in the house
- Watch satellite channels from your bedroom

Watch cable, satellite, DVDs or live camera images from any TV in your home with this integrated, dual-source video distribution system with built-in modulation capability. Just connect two video source outputs (i.e. cable, DVD player, satellite receiver, etc.) to the main unit, and you'll have five coaxial outputs that can be connected to five TVs in your home via coaxial cable (two within 35-ft, and three within 150-ft). The video signals appear on user-selected channels in the 14-64 UHF or 65-94/100-125 cable TV range. When using an antenna feed, we suggest using an amplifier (#7709).

You can add the ability to control your equipment from other rooms with an optional infrared target that senses commands from your existing remote and sends them to the distribution system via coaxial cable. Optional emitters subsequently send commands to the original A/V equipment. Multiple IR Targets may be used, provided each is attached to a coaxial cable that comes from the video distribution system. We recommend using RG-6 coaxial video cable to transfer video from room to room. Video cables connecting the source components to the modulator are also sold separately.

- 7717 Multi-Room Video Distribution System with Modulators \$159.99
- 7709 18dB Fixed-Gain Amplifier (45dB max out) \$79.99
- 7718 IR Target \$59.99
- 8170S Mini IR Stick-On Emitter \$5.99

