



## RF Troubleshooting

### 1. I'm not getting a picture.

Make sure that the video source is on and is sending out a video signal.

Make sure the TV and the modulator are set to the same channel. e.g. If the modulator is set UHF channel 12, make sure the TV is on UHF 12, the TV can not be set to CATV. Cable channels operate on different frequencies than over-the-air UHF frequencies.

### 2. The channel seems fuzzy.

First make sure you are connected to the proper input on the TV, usually labeled either ANT or UHF. The channel that you are modulating to might have a weak signal. Several things can be used to remedy this. You can try an in-line amplifier to boost the signal if it is a long cable run or you might be receiving interference from a local FM station. If this is the case, a simple FM trap can be used to filter out the FM frequencies.

### 3. I'm seeing diagonal lines in the picture.

The diagonal lines are called herringbone interference. This is caused by a channel that is not completely free. Remote UHF signals might be un-viewable; however, they will cause interference if you modulate a signal to that channel. To solve this problem move the modulated channel to another UHF channel. It is always advisable to use a low pass filter to remove unwanted UHF noise.

### 4. I have diagonal lines on several channels.

Most likely this is caused by strong signals overpowering the others. A variable attenuator can be used to pinpoint the signal where the interference begins to disappear. If one channel is the problem, only use an attenuator for those specific frequencies. If you attenuate all signals then the less powerful stations will become even weaker and introduce snow into the picture. Also see tips under "the channel seems fuzzy".

### 5. The audio seems low.

The Wired Home modulators combine the left and right audio inputs into a mono output. Make sure to use both right and left inputs. If you are using a mono audio source, use a simple "Y" adaptor to send the audio signal to both the right and left inputs.

### 6. I'm getting intermittent color or no color at all.

The most common cause is a loose or improper connection. Make sure that all cables are tight, and connected properly.