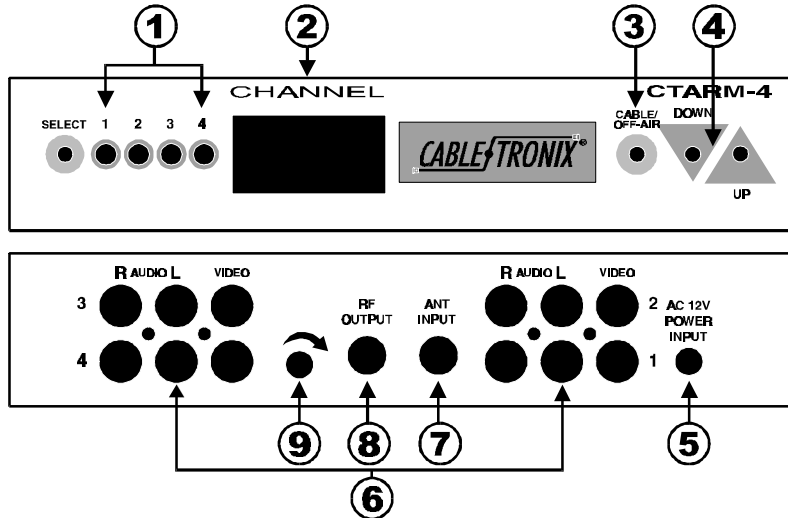

Installation Manual

1. This Package Contains:

- One CTARM-4 modulator
- One power adapter
- One installation manual

If any of the contents listed above were not included with your CTARM-4 modulator, please call us at (610) 429-1511.

Product Diagram and Description:



1. Quad modulator selector
2. LED channel display
3. CATV / Off-Air toggle button
4. Channel up /down button
5. AC power jack
6. 4 Audio (right & left) & video inputs for each modulator
7. Antenna or CATV input ('F' jack)
8. RF output (combined with antenna input)
9. RF gain control

The 4 modulators (designated 1,2,3,4) are independent and have separate audio/video inputs, corresponding to the modulator that has been selected on the front panel. You may use any or all modulators as needed. This feature allows for easy future expansions and upgrades.

Hardware Connection:

1. Connect the RCA cable from the video source (e.g. satellite receiver, DVD, VCR, video camera) to the yellow RCA input jack on the CTARM-2LT modulator.
2. Connect the RCA cable from the audio source to the red/white RCA jack(s) on the CTARM-4 modulator. Use red and white jacks for dual input, or either one for single input.
3. If you want to combine your signal with off-air or CATV signal, connect the coaxial cable from the OFF-AIR antenna or CATV to the antenna input port.
4. Connect the RF output from the CTARM-4 to your RF distribution system , or directly to a television set.

Channel Selection and Power Adjustment:

1. Use the SELECT button on the front panel to select modulator 1,2,3 or 4
2. Push the UP or DOWN button to set the desired channel. **The UP/DOWN switches will only affect the selected modulator.** You can select either CATV compatible channels or OFF-AIR compatible channels by pushing the CATV/OFF-AIR toggle button. After 15 seconds the channel will be automatically stored in the modulators memory. In the event of a power outage, the channel will be saved memory
3. To adjust the signal output of the CTARM-4 modulator, use a screwdriver to gently rotate the knob on the back of the unit. Rotate the knob clockwise to increase the output, counter-clockwise to decrease the output.