

## Specifications::

Antenna Inputs	1
Modulator Inputs	2
RF Outputs	12
4 outputs 0'-100'	15dB
4 outputs 100'-200'	20dB
4 outputs 200'-300'	25dB
Antenna Input Max.	28dB
Modulator dB In	28dB
Antenna Amp.	15dB
Gain Amp.	15dB
Power Requirements	117VAC, 60Hz
Bandpass	40-1000MHz
Impedance	75Ω
Response	+/-1dB<900MHz
Cabinet	Steel
Color	Powder Coated White
Dimensions	19"(H) x 14"(W) x 3 7/8"(D)

# Channel Vision Limited Warranty

Channel Vision Technology will repair or replace any defect in material or workmanship which occur during normal use of this product with new or rebuilt parts, free of charge in the USA, for two years from the date of original purchase. This is a no hassle warranty with no mail in warranty card needed. This warranty does not cover damages in shipment, failures caused by other products not supplied by Channel Vision Technology, or failures due to accident, misuse, abuse, or alteration of the equipment,. This warranty is extend only to the original purchaser, and a purchase receipt, invoice, or other proof of original purchase date will be required before warranty repairs are provided.

Mail in service can be obtained during the warranty period by calling (800) 840-0288 toll free. A Return Authorization number must be obtained in advance and be marked on the outside of the shipping carton.

This warranty gives you specific legal rights, and you may have other rights (which vary from state to state). If a problem with this product develops during, or after, the warranty period, please contact Channel Vision, your dealer, or any factory-authorized service center.



# CHANNEL VISION™

## DP-3/12-II

# Distribution Panel Instructions



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## Description:

Channel Vision's Distribution panels are designed to provide you with a high quality, balanced, and amplified RF signal throughout the house. Inputs for antenna and two modulators are provided. These signals are balanced, amplified, and distributed to 12 outputs with three different signal strengths. Four outputs are 0' to 100', four are 100' to 200' and four more are 200'-300'. 75Ω terminators, 3dB & 6dB in-line attenuators are provided for fine adjustments. Custom configurations will be designed at your request.

## Instructions:

- Step 1:** Choose location near antenna/cable input to the home.
- Step 2:** Measure & cut drywall in-between studs.
- Step 3:** Run RG6 quad cable to all TV locations, two to a power outlet, and install "F" connectors. Part# 2104QS (Note distance to each TV & mark cable.)
- Step 4:** Run cable from modulator location to the distribution panel input.
- Step 5:** Make connections to antenna/cable input, modulator inputs, and TV outputs.
- Step 6:** Terminate unused output ports with a 75Ω terminator. Part #2101 (Included)
- Step 7:** Confirm a quality picture at each TV. Make all changes prior to flush mounting in the wall.
- Step 8:** Mount in wall and secure into stud on each side.
- Step 9:** Install front panel.
- Step 10:** Plug in power to 117VAC

### Warning

To prevent fire or shock hazard, do not expose this appliance to rain or moisture.

## Trouble Shooting:

- 1) Plug in amplifiers transformer & confirm 12VDC to amps.
- 2) Check RF output connections, verify outer braid is NOT touching center conductor.
- 3) If Grainy Modulated Picture:
  - A) Evaluate dBmV loss for cable length and splitters in the system. Use 30dBmV starting output from modulator.
  - B) Adjust attenuator on the back of the modulator to 0. (att to 0.)
  - C) Check RF output connections, verify outer braid is not touching center conductor.
  - D) Disconnect modulator from system, look at the channel you want to modulate on and verify good, clean snow with no interference or lines from the cable company.
  - E) Check output power with frequency spectrum analyzer. Verify 30dBmV. (If not available-step 3-F)
  - F) Place TV directly in line to modulator eliminating all components in the system I.E. Splitters, amps, cable TV service. Verify that it is working.
  - G) Call Tech. Support @ 800/840-0288
- 4) If Grainy Antenna Picture & Good Modulated Picture
  - A) Remove modulator from the system and hook cable directly to all TV's to verify if it's a good signal.
  - B) Check for proper connection going into antenna/cable input of distribution panel.
  - C) Confirm both transformers are plugged into 120VDC.
  - D) Use 200' or 300' cable outputs.
  - E) Check output connectors, verify outer braid is not touching center conductor.
  - F) Connect frequency spectrum analyzer or test TV on incoming cable to eliminate all components in system
    - G) 1. If still bad, call cable company for

## Wiring Schematic:

