

**Specifications: typical @ 25°C ± 5° C**  
**5601 Stereo Converter**

**Inputs**

video (unterminated) 1 Vp-p @ 75 ohms  
audio 1 Vp-p @ 10 K-ohms

**Outputs**

video(loop thru) 1 Vp-p @ < 1K-ohms  
audio

**Power Supply**

output 15VDC / 300mA  
input 105 to 125VAC  
consumption 1 watt

**MTS Audio Performance**

frequency range 20Hz to 12KHz  
s/n 65 dB  
separation 20 dB @ 1000Hz  
noise reduction dbx  
surround sound compatible with Dolby Pro Logic

**General**

width x height x depth cm 11.7cm x 2.5cm x 14.1cm  
(inches) (4.6in) x (1.0in) x (5.5in)  
shipping weight 1 lbs (12 oz)  
operating temperature -4°F to 131°F (-20°C to 55°C)



PERFORMANCE MULTI-ROOM VIDEO

# 5601 Stereo Converter

### LIMITED WARRANTY STATEMENT

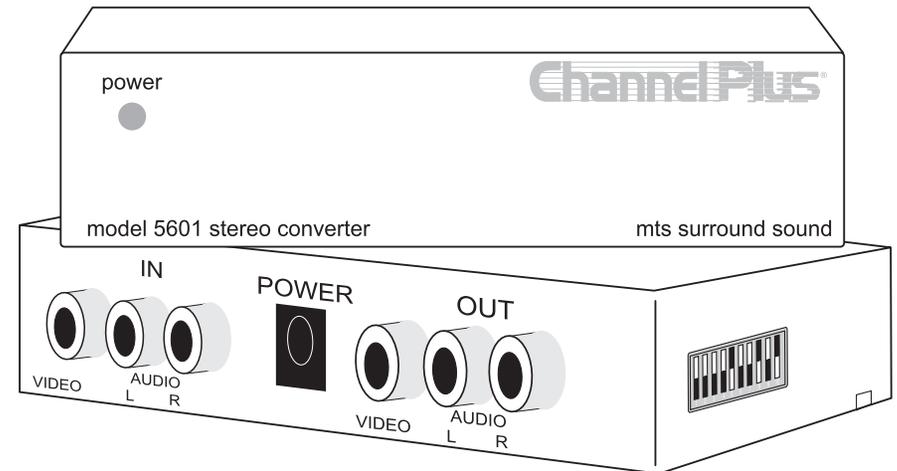
Linear LLC warrants this product to be free from defects in material and workmanship for 2 years. The time period will be measured using the date code labeled on the product. Linear LLC is not responsible for damage to the product resulting from the buyer's improper handling, stocking or warehousing of the product. Any implied warranty arising from the sale of the product including implied warranties of merchantability and fitness for purpose are limited. Linear LLC shall not be responsible for any losses, damages or expenses, whether direct, consequential, or incidental arising from the use or the inability to use the product. Some states and countries do not allow limitations or how long an implied warranty lasts or the exclusion or limitation or incidental or consequential damages, so the above exclusions may not apply. The Linear LLC warranty gives specific legal rights in addition to other rights, which may exist and vary from state to state and country to country.

The warranty is limited to repair or replacement of products returned, freight prepaid, to Linear LLC, there is NO PROVISION FOR LABOR COST OR OTHER REIMBURSEMENTS OF ANY KIND.

1. Failures due to product abuse, such as negligence, improper use, and electrical surge including damage from lightning, water damage or other damage due to natural disasters are not covered by the warranty. The most common form of product abuse is surge damage caused by lightning.
2. The warranty shall also be voided by any tampering with the date code, labels or other markings on the product.
3. Products that are damaged in transit to Linear LLC due to improper packaging or by the carrier (shipping company) will not be covered under the warranty. If the product was damaged or lost by the carrier, it is the sender's responsibility to create a claim against the carrier.
4. The user is responsible for all labor costs associated with removing, reinstalling and returning the product to Linear LLC.

Linear LLC, at its option, will repair or replace the defective product. Replacements will be made from B-Stock, if an exact replacement is not available, Linear LLC, at its option, will select the nearest equivalent product. The user is responsible for freight charges to Linear LLC. Linear LLC will return warranted repaired or replacements by UPS Ground or an equivalent service. A customer may pay the additional costs for second-day or next-day service.

All products returned for warranty service require a Return Product Authorization Number (RPA#). Contact Linear Technical Services at 1-800-421-1587 for an RPA# and other important details.



## Linear®

(760) 438-7000 USA & Canada (800) 996-5225  
Toll Free FAX (800) 468-1340  
[www.channelplus.com](http://www.channelplus.com)

The ChannelPlus model 5601 stereo converter encodes the left and right baseband audio channels from a stereo source, into the BTSC stereo multiplex format required for NTSC modulators. Putting this product in front of a normally monaural modulator allows it to transmit the audio signal, maintaining the original MTS stereo and surround sound information. DIP switches are used to set the correct pre-emphasis and modulation level for each listed modulator.

**Contents:**

- 5601 stereo converter
- Power supply, 15VDC 300mA
- Power plug Y adapter
- Coax loop thru cable, 2 feet

**Controls & Connections**

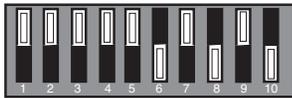
The unit consists of three baseband video and audio inputs that connect to the stereo source (IN). The three video and audio outputs (OUT) connect to the modulator.

Power is supplied from the 15VDC power cube. The 5601 consumes approximately 1 watt of power. Assuming this will not load down the existing modulators power supply, the 5601 may be powered by using the included power Y adapter. The 5601 will also run off the 12VAC power cube used with the ChannelPlus 5200 series, 3024 and 3026 ALL-In-One modulators.

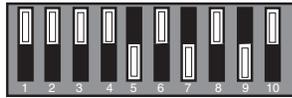
**DIP Switch Settings**

The 5601 must be set for the type of modulator it will be connected with to ensure proper stereo sound. Using the list, set the DIP switches on the 5601 to the setting for your modulator.

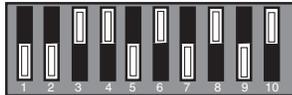
ChannelPlus  
5400 series  
(no termination)



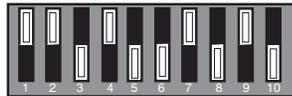
ChannelPlus  
3024, 25, 26,



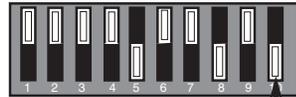
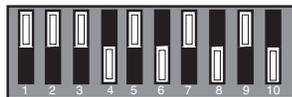
ChannelPlus  
A and D series



ChannelPlus  
5214 & 5216

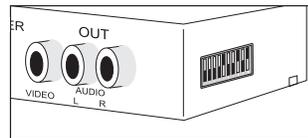


Radio Shack®  
15-1238 ch 3

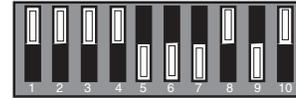


**NOTE:**  
White area  
indicates  
switch  
position

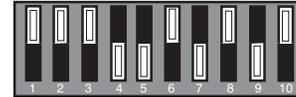
DIP switches  
located on side  
of 5601



CableVision®  
V101

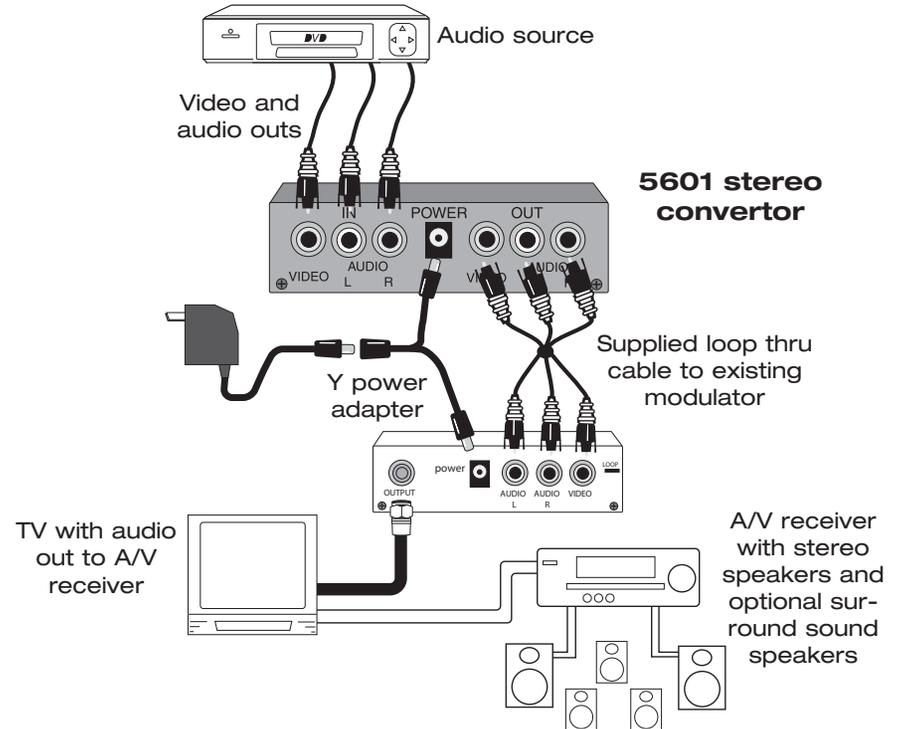


ChannelVision®  
CVT series



Net Media®  
MM70 series

**Connecting the 5601**



**Trouble Shooting**

**Hum in stereo channel:** If, at any time, there is a noticeable hum associated with the stereo channel and the power Y adapter is being used, put the 5601 on its own power supply.

**Audio Does Not Sound Correct:** Make sure the the DIP switches on the side of the of the 5601 are set according to the chart. If your modulator is not included in the chart check the ChannelPlus web site for current updates and a listing of modulators that are unable to function with the 5601. [www.channelplus.com](http://www.channelplus.com)