

## New 2002 ChannelPlus Catalogs are Here!



The 2002 ChannelPlus catalog features several exciting new products including the new 19" rack mountable

S-Video Stereo Modulators, Point-to-Point S-Video Distribution System, Multi-Room Audio System, and the 19" rack mountable structured wire grid. The catalog also includes new diagrams and updated technical information.

Contact your local sales representative to receive a 2002 ChannelPlus catalog. New OpenHouse catalogs will be available in March.

## Welcome Emma



Join us in congratulating Kevin and Kris Klotzbach on their new baby daughter. Kevin works for Marketing Alternatives and is one of our sales representatives for North Dakota, South Dakota,

Minnesota, North West Wisconsin

## Product News

### New! Save Money, Save Time With 5555 Distribution Starter Kits



(5) 2501- Filters



(3) 2100A- IR Component



(2) 2171- IR Control



### Starter Kits are a Great Value

We've done the planning for you! Each 5555BID or 5555HHR kit includes enough products to provide:

- 4 channels of modulation (1) 5545
- 8 Rooms of distribution (1) DA-550HHR or DA-550BID

- 3 Rooms with IR interface, expandable to 8 Rooms (3) 2100A and (5) 2501
- IR control of 4 video sources (2) 2172

## NEW! S-Video Modulators with Stereo Sound and 19" Rack Compatibility



### Coming in May

The new SVM series consists of a two and four channel stereo modulator that accepts output from any S-Video or composite video source and modulates it to an unused channel. The SVM series is compatible with Dolby Pro Logic<sup>®</sup> and will pass stereo sources to remote television locations. In addition, the new units offer S-Video connectors and composite adapters.

Eliminating the need for jumpers or specialized "Y" adapters, each audio/video input incorporates active termination loop-outs. Each input senses when an audio/video interconnect is plugged into the output and automatically activates the loop feature. The loop-out does not affect the quality of the audio/video signal. Overall, the loop-out allows for

quick integration into complex systems as well as simplifying the systems' wiring needs by eliminating the use of multiple video interconnects.

Look for the new SVM22 and SVM24 to ship in May.

## NEW! ChannelPlus Notch Filter



*In stock and shipping now.*

Tired of looking for empty channels to modulate on? With a ChannelPlus NF-469 notch filter you can insert modulated channels by blocking CATV channels 64-70 and UHF 14-19. This allows you to create three modulated channels (65,67,69) on CATV and three channels (14,16,18) on UHF.

## Product Transition Notice:

The 5425 & 5445 series are no longer available and have been replaced by the 5525 & 5545.

## Model 5545 and 5525

- IR 12volt capability **New!**
- Look identical to the 5400 series
- Performs all functions of the 5400s

- 2 and 4 channels of modulation
- Push-button programming
- Non-Volatile memory
- IR emitter jacks
- Can remotely power the DA-550 series
- Gold RCA connectors
- Tuning range UHF 14- 64 and CATV 65- 125
- Compact size 7.9" x 1.5" x 5.5"



## International Export News

## Multiplex to Exhibit at CEDIA UK

Look for ChannelPlus to have its own "stand" at CEDIA UK Expo in June this year. Now in its 6<sup>th</sup> year, the CEDIA (Custom Electronic and Installation Association) UK EXPO brings together leading custom installation companies from all over Europe. Exhibiting at CEDIA UK Expo will enable ChannelPlus to expand its participation internationally in an enhanced learning and commercial decision-making environment.

## Trainings & Tradeshow



March 7-9 EH Expo Booth 534

June 17-20 CEDIA UK

June 26-28 Pacific Coast Builders Conference, San Francisco, CA



## CEDIA Regionals

Mark your calendar now for the CEDIA regional Education and Product Showcase. The new regionals offer three times more CEDIA classes plus a chance to meet with ChannelPlus and other leading manufactures.

ChannelPlus will be teaching a free crash course in RF and structured wire design. The course will cover the basics of wire choice and installation practices. We will also discuss HDTV distribution, data systems, telco systems, modulation, video distribution, music distribution and new Cat 5 video systems. We hope to see you there. For more information contact CEDIA at 800-669-5329 or [www.cedia.org](http://www.cedia.org)

### Expo Dates

March 3-4  
Miami, FL

April 21-22  
Philadelphia, PA

## Factory Training

Training on basic RF distribution and new products is offered every other month at our factory. The cost is \$25.00 and includes a continental breakfast and lunch.

Classes fill up fast so sign up early.

### Factory Training Dates

- April 18
- June 20
- August 8
- October 17
- December 5



### Glossary of RF & Data Terms

**Adjacent Channels** - Two television channels having video carriers 6 MHz apart, or two FM channels having carriers occupying neighboring channel allocations.

**Amplifier** – A device used to increase the power and voltage level of a signal.

**Attenuator** – A passive device used to reduce signal strength.

**Baseband** – A data signal that has not been modulated onto a carrier (i.e. Hi-Fi Audio NTSC Video or RS-232 Data.)

### Letters to Larry



Dear Larry:

I am installing a DA-550HHR and have a question about the inputs. Is input B for a powered modulator only? Also, can 3015 or 3025 modulators be used on the A & B inputs?

Dear Installer,  
It is possible to connect a non-powered modulator to the B port of the DA-550HHR, however, the 3015/3025 should not be connected to this distribution panel. The DA-550HHR is expecting to receive a 25 dBmV signal level from the modulator, which the 3015/3025 cannot supply. The 3015/3025 maximum power level of 15.5 dBmV is sufficient for long coax runs, but will leave you underpowered by 10 dBmV when using a DA-550HHR. I recommend using two 5425 modulators.

Dear Larry:

I just bought a 3025 All-in-One for my existing video distribution system. I would like to improve my reception at a remote TV location, and insert an internal channel but I cannot get my existing IR system to work when the 3025 is hooked up. My existing IR system includes a Xantech 291 IR receiver and a CPL-10 coupler to inject the signal onto the cable. Any idea what I can do to make this work?

Dear Installer,  
The Xantech components are designed for use with a 12 volt system. The 3025 utilizes a 5-volt, system and will only work

with 5-volt targets such as the ChannelPlus 2133 target.

Dear Larry,

I have been hearing a lot about the new Category 5e cable. What is the difference between cat-5 and cat-5e? Are all products compatible with cat-5e?

Dear installer,  
The difference between cat-5 and cat-5e is very slight. They both support the same bandwidth (100MHz) and speeds up to (100Mbps) but the cat-5e has tighter specifications for crosstalk (crosstalk is the unwanted introduction of signals from one channel to another). Both types of cat 5 can easily carry hi-speed Internet and network signals. In residential applications you will probably never notice the difference. All of our products are tested and designed to handle either cat-5 or cat-5e.

**Letters to Larry** is taken from actual letters we receive on our web site. If you have technical questions please contact us at [info@channelplus.com](mailto:info@channelplus.com) or call our technical support line toll free at 800-999-5225 M-F 8am-5pm(PST).

## Sample School System by John Rivera

