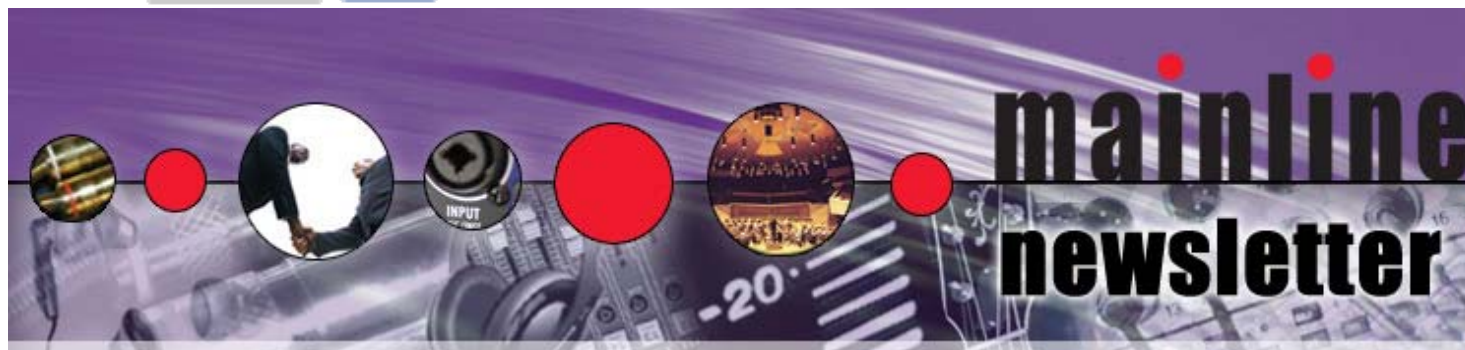


**Subject: News From Mainline Marketing**

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November 2011

**in this issue**

**Headline**

**Quick Links**

- Announcements
- Headline
- Featured Product
- Did you know.....
- Rep Samples

**TV One begins shipping the new C3-340 CORIOmatrix**



**product videos**



iLive MixPad Router Setup

TV One ships the new C3-340 CORIO@matrix, Anything In - Anything Out Modular Matrix Router. The first of many revolutionary products from the new CORIOmax product line that has begun shipping.

The C3-340 CORIO@matrix is based on TV One's exclusive CORIO@2 technology and provides high quality modular video matrix switching using CORIO@softswitch, which provides an industry first firmware based video routing, switching and video conversion platform. 16 AV universal module slots are available and the CORIO@matrix automatically recognizes the modules inserted as an input or output module. With the CORIO@matrix there are no dedicated input or output slots when using 2-Channel DVI-U or 3G-SDI modules. This flexibility allows end user configurations to be based on their own needs instead of the router forcing a certain setup and limited configuration. Additional DVI-U or 3G-SDI modules can be added later in open slots without having to re-set the router. All AV modules are hot swappable and recognized for immediate auto configuration.

The Advanced features of the C3-340 CORIO@matrix include advanced Digital

## announcements

**TV One** - [CORIOMatrix Now Shipping](#)

**Turbosound** - [Flashline - The New Large Scale Line Array](#)

**Turbosound** - [New Download Section](#)

## current promotions

Manufacturers currently running specials:

**SKB** - [Free Freight or Freight Discounts](#)

**PreSonus** - [End User Rebates](#)

Please contact us here at Mainline via [email](#) or call 321-253-2030 for more information on these promotions or log into your [RepWerks](#) account. If you do not have a log in account for Repwerks and want one, contact [Rob](#).

## quick links



[Line Card](#)

[CTS-I Practice Test](#)

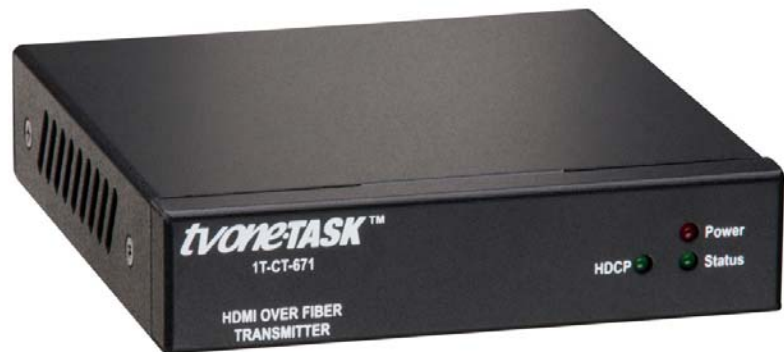
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Flicker Elimination circuitry and high 4:4:4 full bandwidth sampling rate ensuring crisp, clear images, while full bandwidth chroma sampling ensures faithfully reproduced, high resolution colors. Pixel Level Motion Adaptive Diagonal Interpolation and Noise Reduction ensures high quality de-interlacing of PAL, NTSC and 1080i signals. 3:2 Pull-down ensures proper 24 fps film extraction from NTSC and 1080i sources.

Click [here](#) for more information

## featured product

### New 1T-CT-670 HDMI Over Fiber System from TV One



Now Available from TV One, the new 1T-CT-670 series extends HDMI signals to remote display devices, using a single fiber optic cable.

The 1T-CT-670 system is the latest addition to TV One's SDI or DVI over fiber product range as well as a perfect addition to our range of HDMI Scaler, Switcher and Distribution Amplifiers. The individual components of the HDMI over fiber extender system consist of the 1T-CT-671 Transmitter and the 1T-CT-672 Receiver which constitutes a system used to transmit deep color (12 bits) v1.3 HDMI with HDCP signals at resolutions up to 1080p, plus the transmission of embedded lossless audio, over a single Fiber Optic cable. The 1T-CT-670 series can also be used to transmit encrypted, audio based, graphics data.

The system can achieve signal distribution distances of up to 1,000 meters (3,280 feet) for signals up to and including 1080p resolution. The transmitter and receiver products also feature the unique TV One-task locking power connectors to enhance overall system mechanical security.

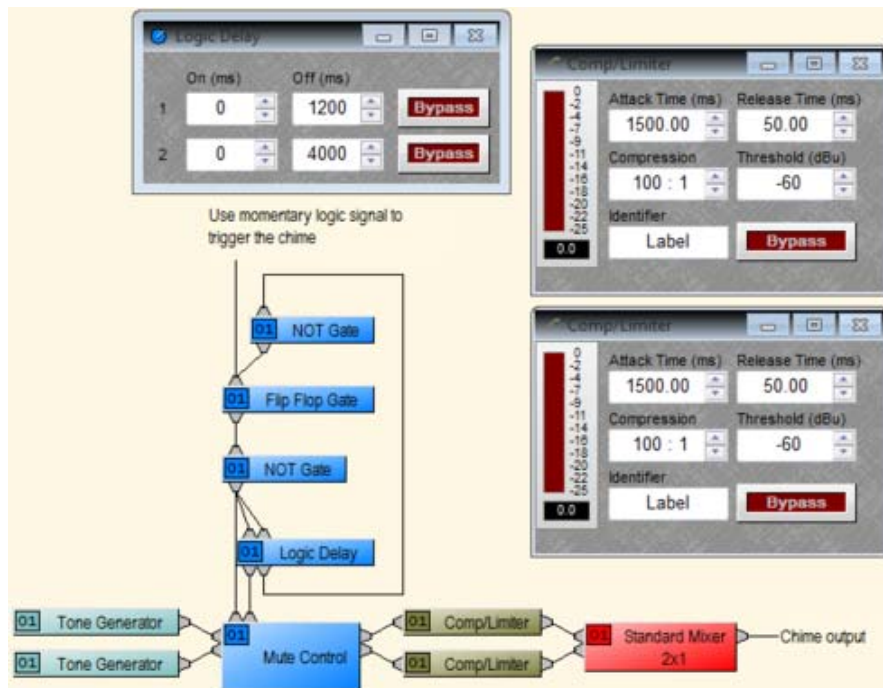
The 1T-CT-670 System has a Manufacturer's Recommended Retail Price of \$1,495.00.

Click [here](#) for more information.

# did you know...

## Tips & Tricks: Need A Chime Generator?

We've seen many applications where Audia or Nexia is used for background music and paging applications. In most of those, it's desired to have a chime before the paging microphone comes in. Options to solve this are plenty depending on what type of chime you want and how many notes are required. The following sample is for two notes but can be easily modified for three or more. Start by building this circuit in your file.



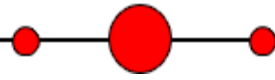
Tone Generator 1 frequency	Tone Generator 2 frequency
375 Hz	375 Hz
562.5 Hz	562.5 Hz
562.5 Hz	703.13 Hz
421.875 Hz	515.625 Hz
468.75 Hz	375 Hz

Here are some frequency combinations that work with the parameters shown.

- Tone generator frequencies: set each tone generator to the desired frequencies for the chime. Make certain to set the level to 0dB and turn it on (see below for some recommended settings)
- Logic Delay block: the first off delay time establishes when the second tone starts. Use values between 500 and 1800ms. The second off delay time establishes the overall chime duration. This time should be roughly the sum of both Compressor/Limiter attack times plus the first off delay time
- Compressor/Limiter Blocks: The attack time sets the tone duration. Values between 1500 and 1800ms are good. Set the compression Ratio to 100:1 and the Threshold to -60

# rep samples for sale

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Contact your Mainline Rep, or our main [office](#) for pricing and updated list.

Thank you and have a great day.

Sincerely,

Rob Baker  
Mainline Marketing



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