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KTECH INTRODUCES A DEMULTIPLEXER

One DVB-ASI stream with multiple programs can be demultiplexed to two separate DVB-ASI streams for DTV digital must-carry

Chatsworth, CA – April 29, 2003 – Addressing the needs by the CATV MSO's to demultiplex a multiplexed ASI stream for implementation of DTV digital must-carry, KTech Telecom, the leader in Digital Broadcast and Digital Cable technologies, has introduced a demultiplexer. The model number is DMUX-150E. The 1RU 19" rack unit has one DVB-ASI input and two DVB-ASI outputs.

The unit has one DVB-ASI input of up to 38.784 Mbps and has two output ports to carry multiple streams of 19.394 Mbps each. The unit also remaps PIDs, updates Transport Stream ID, performs channel ID update, and regenerates PCR. The user is also able to pick and choose which of the multiple program(s) will be outputted to a specific ASI stream output. The unit's update feature is controlled via RS232 or RJ45 terminal which includes an user-friendly web based remote control interface GUI.

The demonstration of the demultiplexer was shown at the National Association of Broadcasters show earlier last month (NAB2003).

According to the Sales Director at KTech Telecom, Romeo Castillo, KTech will continue to introduce several innovative solutions for the CATV industry in 2003. Currently, KTech's cable equipment are sold to industry leading cable MSO's including Comcast and Time Warner Cable.

Application for a Demultiplexer

The demultiplexer is a critical part of any CATV head-ends where engineers want to maximize the use of cable television bandwidth. By separating one DVB-ASI stream into two and then feeding it into the 64/256 QAM modulator, cable television plants are able to carry just the programs that they would like to pass along onto their cable system. This would save valuable bandwidth and satisfy the digital must-carry rule at the same time. Multiplexing and then demultiplexing have been an important consideration by the CATV MSO's as they try to satisfy the must-carry rule imposed by the FCC while trying to fit many channels as possible for home distribution.

The demultiplexer can also present programming cost savings to cable operators since cable operators do not have to buy programs they don't want just because they are in the MPTS (Multiple Program Transport Streams). The demultiplexer will economically comb out and add individual digital channels to their QAM tier.

Availability

The DMUX-150E is available in 4 weeks (ARO).

About KTech Telecom

Since 1995, privately held KTech Telecom has been producing quality broadcast products such as an 8-VSB modulator, a Static PSIP Generator, a 100W - 3KW DTV Transmitter, an 8-VSB Translator, a DTV null packet generator, an 8-VSB Professional Receiver, and an MPEG2 transport stream generator/recorder. KTech representatives can be reached by phone at (818) 773-0333 or by e-mail at sales@ktechtelecom.com KTech's website is at : <http://www.ktechtelecom.com>