



# End-to-End Total Contribution Solutions

**Adtec Digital is a leading provider of hardware and software solutions for contribution, distribution, studio, commercial insertion and professional video playback applications. Adtec develops equipment and solutions for standard and high definition MPEG 2 and MPEG 4 AVC compression, multiplexing, decoding, ad insertion, playback and data management. With more than 24 years of industry experience, Adtec offers value, rock solid reliability, excellent support, and innovative technology that trends the industry and provides growth for customers.**

## About Adtec

- The EN-80 and EN-40 are Adtec's fifth generation encoders
- Adtec has shipped over 100,000 devices world wide
- Adtec has shipped over 6000 SD encoders
- Adtec has shipped over 1000 HD encoders in just over 18 months
- Adtec has won the STAR award at NAB in 2009, 2008 and 2006
- Adtec has been in business for 24 years, is privately held, financially stable and profitable
- Adtec is committed to the customer. Adtec listens, learns and implements based on customer feedback
- All Adtec encoders, decoders and multiplexers support ATSC & DVB distribution and studio applications

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HD/SD MPEG 2/MPEG 4 AVC Contribution

### RD-60

Integrated Receiver/Decoder



The RD-60 integrated receiver decoder (IRD) supports MPEG 2 and MPEG 4 AVC/H.264 platforms with 420 and 422 high and standard definition decoding. The RD-60 decodes both MPEG 2 and MPEG 4 AVC/H.264 video with 4:2:0 and 4:2:2 chroma sampling. It boasts four pairs of stereo audio including MPEG 1 Layer 2, Dolby AC3/5.1, HE-AAC, AAC-LC audio decoding. Passthrough support includes PCM, DolbyE/2.0/5.1 and Linear Acoustic Stream Stacker. The RD-60 supports redundant AC or DC dual-power supplies, enhanced control and monitoring via SNMP and browser. Standard inputs include IP and ASI with optional dual DVBS/S2 tuner demodulator supporting Q/8PSK. An optional high end Newtec DVBS/S2 tuner demodulator supporting QPSK up to 32APSK is available.

<http://www.adtecinc.com/products/rd60>

HD/SD MPEG 2/MPEG 4 AVC Contribution

### EN-80

DSNG/Contribution Encoder/Modulator



The EN-80 DSNG/contribution encoder/modulator supports high definition and standard definition MPEG 2 and MPEG 4 AVC/H.264 with 420 and 422 encoding. The EN-80 encodes both MPEG 2 and MPEG 4 AVC/H.264 video with 4:2:0 and 4:2:2 chroma sampling. It boasts four pairs of stereo audio including MPEG 1 Layer 2 and Dolby AC3 audio encoding. Passthrough support includes PCM, DolbyE/2.0/5.1 and Linear Acoustic Stream Stacker. The EN-80 supports redundant AC or DC dual-power supplies, enhanced control and monitoring via SNMP and browser. The EN-80 allows concurrent encoding and streaming to IP, ASI and L-Band. The optional Newtec DVBS/S2 modulator supports modulation from QPSK up to 32APSK.

<http://www.adtecinc.com/products/en80>

SD MPEG 2/MPEG 4 AVC Contribution

### EN-40

DSNG Encoder/Modulator



The EN-40 DSNG encoder/modulator supports standard definition MPEG 2 and MPEG 4 AVC/H.264 with 420 and 422 encoding. The EN-40 encodes both MPEG 2 and MPEG 4 AVC/H.264 video with 4:2:0 and 4:2:2 chroma sampling. It boasts four pairs of stereo audio including MPEG 1 Layer 2 and Dolby AC3 audio encoding. Passthrough support includes PCM, DolbyE/2.0/5.1 and Linear Acoustic Stream Stacker. The EN-40 supports redundant AC or DC dual-power supplies, enhanced control and monitoring via SNMP and browser. The EN-40 allows concurrent encoding and streaming to IP, ASI and L-Band. The optional Newtec DVBS/S2 modulator supports modulation from QPSK up to 32APSK.

<http://www.adtecinc.com/products/en40>