

AD-5071 SERIES

DIGITAL TV HEADEND ATSC MODULATOR

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FEATURES

- Full compliance with ATSC A/53 standard
- Constellation mapping: 8-VSB
- EN50083 ASI and SMPTE 310M interface standard
- Dual IP input (GE) ports over UDP/RTP
- RF range: 50MHz~860MHz, 1Hz stepping
- Control and monitoring via front panel or WEB GUI, locally and remotely
- RS coding, data interleaving, Trellis coding
- Channel bandwidth: 6MHz
- NMS, Keyboard and LCD operation



Digital TV Headend ATSC Modulator

AD-5071 ATSC modulator is a high quality professional broadcast modulator designed for operation in full compliance with ATSC A53 standard for 8-VSB (ATSC) for terrestrial HDTV/SDTV broadcasting. It offers a cost effective, professional solution for generating high-quality RF signals suitable for broadcasting.

The AD-5071 can be used as a ATSC broadcast modulator, tester, or a head end of an RF distribution network. It can accept input through its DVB-ASI/SMPTE-310M and IP input ports.

The AD-5071 supports adaptive non-linear and linear digital pre-distortion that optimizes the efficiency of the transmission. The AD-5071 is very easy to control via front panel or WEB GUI, locally and remotely.



+1.305.592.9811



www.aprildigital.com



info@aprildigital.com



11231 NW 20th Street Miami Florida 33178