

» TUNR-D

Professional high-performance ATSC/Clear-QAM/NTSC/CATV Tuner

- High-performance demodulation of ATSC/C-QAM/NTSC signals from Antenna & CATV cable
- Simultaneous HDMI, RGBHV, and HD component video outputs, composite SD video output
- Simultaneous Digital Audio and analog stereo audio variable outputs
- Flexible controls with RS-232C serial port and remote IR input port
- Multi-function on-screen display with IR remote control
- Closed caption decoding and on-screen control
- One rack space height (1 RU) and half-rack wide

Applications:

Integration with flat panel displays, video projectors, schools, corporate boardrooms, digital signage, hospital lobbies, hotels, restaurants, casinos etc.



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TELEVISION SYSTEMS	Digital ATSC, Clear-QAM, NTSC, analog CATV
CONTROL PROTOCOLS	RS-232, Infra-Red remote discrete commands on TRS connector
DTV STANDARDS	1080i/720p/720i/480p/480i
VIDEO CONNECTORS	HDMI, RGBHV, YPrPb, Composite SD video
FRONT PANEL DISPLAY	LED 7-segment, 5 digits
AUDIO CONNECTORS	Unbalanced Left and Right outputs, Coaxial Digital Audio output
RF CONNECTOR	75 Ohms, F-type
FRONT PANEL CONTROLS	Power ON/OFF, Channel UP, Channel DOWN, IR remote control
CONTROL DATA CONNECTOR	RS-232C on DB-9 female, Remote IR input on 3.5mm
POWER	DC 12V (max), 2A
OPERATING CONDITIONS	Temperature 32°-104°F (0°-40°C), Humidity 20-85% (non-condensing)
DIMENSIONS (HxWxD)	1.75" x 8.1" x 7.5"(without rear panel connectors)
WEIGHT	Net 1.56 lb
REGULATIONS	UL, cUL, FCC, TUV, RoHS, CE, GS
PACKAGE CONTENTS	Tuner unit, IR remote control w/batteries, AC adapter
WARRANTY	One year limited warranty on parts and labor

Pragmatic TUNR-D is a compact high-performance HDTV receiver/demodulator specifically designed for professional systems integrators.

The tuner receives RF signals from antenna or cable systems and demodulates off-the-air (OTA) ATSC broadcast signals, Clear-QAM digital cable signals as well as legacy broadcast and CATV analog NTSC signals. It supports simultaneous outputs of HDMI, Component RGBHV and YPbPr component video signals. It also provides composite video output for SD signals. The unit decodes closed caption information and displays it on-screen.

The demodulated and decoded digital audio signal is available on S/PDIF Coaxial Digital Audio output connector and the unbalanced analog signal is available on stereo audio RCA outputs.

Ease of integration and control of the tuner is through RS-232C control port and remote IR receiver input on the rear panel. The unit also has a front panel IR detector, full 5-digit LED display and recessed push-button switches for power and channel control.

The unit retains scanned channel list, mode settings and current channel information in a non-volatile memory to restore the tuner back to the same state after a power failure or power reset.

RELATED PRODUCTS

- CATS-HDMI (HDMI signal distribution over cat5e/cat6)
- PHA (high-performance line-array speakers)
- PHLCDTV (Pragmatic Healthcare TV solutions)
- SAA (compact Stereo Audio Amplifier)
- PIRC-8 Pragmatic IR remote controller 1 input/8 outputs
- IR-DET Remote IR detector
- RKMT-KT Rack mounting kit

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