

Thank you for your purchase of the Adtec RD-30 4:2:0 Receiver/Decoder. The RD-30 is sold with optional demodulator hardware and software licenses. Please note that some configurations may not be available in the front panel if the licensed feature is not installed.

Quick View Status

The main status menu contains:

- Bitrate of incoming stream
- Current active input
- IP Address of management port
- Current decoded service name

Unit Name
 Bitrate: 19.400 Mbps
 Input: MPEG/IP 2 Stream 1
 IP: 192.168.10.48
 Service: Adtec HDTV

LED Status

Input

- Off - Decoder does not have valid input
- On - Decoder has valid input

Error / Alarm

- Off - No errors detected
- On - Active errors

Unit ID

- Off - UID is disabled
- On - UID configuration is enabled

Inputs	Conditional Access	Decoding	Processing	Baseband Outputs	TS Outputs	Admin	Active Errors
Input Select	DVB-CI	Service Select	Video	SDI	ASI Output	Network	Error List
Switch to Backup	BISS	Video	Audio	Composite	IP Output	Mpeg/IP Network	
ASI Rx		Ancillary Status	SCTE35	Analog		Time	
IP Rx (MPEG/IP)		Audio 1	SCTE104	Digital (AES)		About	
RF Rx (DVB-S2 1)		Audio 2	Genlock			Syslog	
		Audio 3	Source ID			Voltage Levels	
		Audio 4				Unit Temp.	
		SCTE35				Profile	

Front Panel Navigation:



Use the Enter Button to enter menus, enter edit mode, and confirm configuration changes.

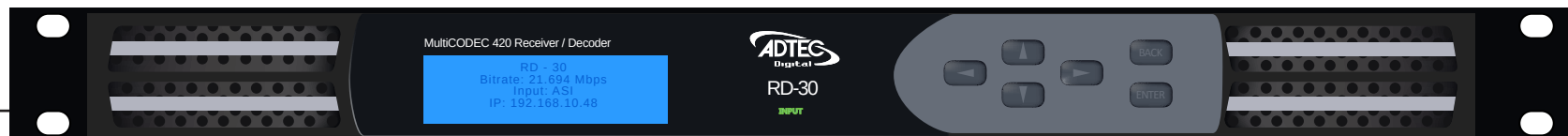


Use arrows for navigation in sub-menus and edit mode.



Use Back to move to top level menus or to cancel configuration editing.

- Lock Front Panel
- Reset
- UID



Getting Connected

To begin, you will need to connect to your RD-30 via Ethernet directly, or by adding the RD-30 to your local area network. The default address for all Adtec devices is 192.168.10.48.

To connect directly to the device, your computer and the device must have an IP address within the same IP class range (ex. 192.168.10.48 for the device and 192.168.10.49 for your computer). If you need to change the IP address of the device, this can be done via the front panel, Admin > Network menu. Using a CAT 5 crossover cable, connect one end to your computer and the other to the Ethernet port found on the process section of the back panel.

To add the device to a LAN, connect a standard CAT 5 Ethernet cable to your network, router or switch and then to the Ethernet port on the back of the device. If your network is DHCP enabled and you prefer that over a static IP, you can turn on DHCP for the device via the front panel, Admin > Network menu.



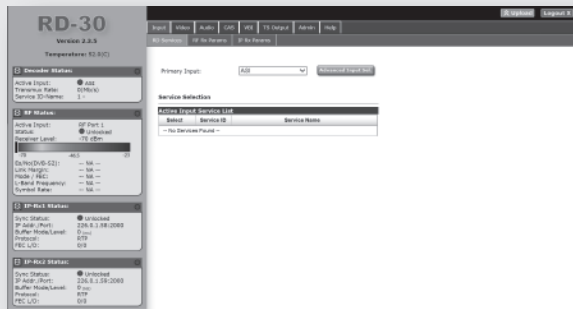
Web-Base Control Application

You can reach the device's web application by pointing your browser to the IP Address of the device. Ex. <http://192.168.10.48/>. You will be prompted for a username and password. The default username is 'admin' and the default password is left blank.

The left-hand panel of the application will report the current status in real-time while the right panel tabs will allow you to configure your device.

Getting Started

Once your receiver is powered up, configured on your network and you have inputs applied with active services, you can select which services you want to decode via the web-based control application Input > Services.



Note: The most recent firmware releases are available on our support website, www.adtecdigital.com. Advanced users can find SNMP MIBs and advanced UI controls via the Help tab of the Web UI.

Connectivity

Power

1 AC Power, Standard 3 pin computer power plug
(Auto range 70-240 VAC Input)

Processor

Ethernet: 10/100 baseT Ethernet interface (Monitoring/Management)
Alarm Port: 9-pin parallel Interface for control systems

Decoder

Sync In: Standard analog video sync separation
x4 AES Audio: 75 Ohm AES-3 BNC
x2 DB15 Analog Audio: Balanced analog audio out. x4 Stereo pairs
CVBS Out: 75 Ohm BNC
SDI Out: SMPTE 292M (HD-SDI), SMPTE259M-C (SD-SDI)
Digital Video Out: Digital Video Connector
DVB-ASI Out: 75 Ohm BNC
DVB ASI In: 75 Ohm terminated Input BNC
x2 GigE: MPEG2 or RTP multicast transport ingress/egress ports: 1 - 200 Mbps

Demodulator (optional)

x4 Switchable RF input: RF Input, 75 Ohm F-Connector

