Getting Started

Thank you for your purchase of the Adtec DA3050. This quick start guide should help you with your initial setup. Additional support can be provided through our Customer Support Department.

Telephone: 615.256.6619

Email: support@adtecinc.com

Internet: www.adtecinc.com/supportrequest/

The most recent firmware is available on our support website, www.adtecinc.com.

Front Panel LEDs

IN - ASI ports 1-10
○ Not active
● Active/OK
● Active/Unmapped
● Alarm

Front Panel Menus:

MODE Use Mode Button to move through top layer menus.
< ∧ ∨ > Use arrows for navigation in submenus.
SELECT Use select to enter into edit mode and **ENTER** enter to save selection.

Main Menu	IP Addressing	Port State	Output Status	Tables	IPTV Settings	Audio Format
Status and Data Rates	Set IP Addresses	Individual Input Status	Output Selection (ASI / SMPTE 310)	System Table Selection (DVB, ATSC, MPEG)	IP Multicast Configuration	Audio Output Selection

MPE	CA Enable
MPE Route Configuration	Conditional Access Config.

Units ship with the front panel logged in by default. If you become logged out and are prompted for a password, use the following key sequence for access.
Press <Select> when panel displays
'User Login -- logged out'

Press <Up arrow>
Press <Select>
Press <Enter>
Press <Right arrow>
Press <Enter>

IN   **ASI ports**
1 2 3 4 5 6 7 8 9 10

OUT   Alarm ASI SMPTE 310 CA GigE

ADTEC Digital

Digital Turn Around Media Router

○ Power
○ Alarm
○ Link
○ Busy
○ MPE

DTA 3050

a t s c DVB DOLBY DIGITAL

MODE SELECT ENTER ESCAPE
∧ < > ∨

Alarm
○ Normal Operation
● Active/OK
● Minor alarm
● Major alarm

ASI Out
○ Not active
● Active/OK
● Active/Unmapped
● Alarm

CA
○ Not active
● CA Enabled

SMPTE 310
○ Not active
● Active/OK
● Outputting fills
● Egress overflow

GigE
○ Not active
● Active/OK

System LED Status

Power
○ Power is OFF
● Power is ON

Alarm
○ No System Alarm
● Minor Alarm
● Major Alarm

Link
○ No Link Detected
● Link Active

Busy
○ No Network Traffic
☀ Network Traffic Present

MPE
○ Not Active
● Enabled/Traffic
● Enabled/No Traffic

Quick View

Modulation Target   Primary/Backup

```
QAM256 NTSC-B        P
210.0  195.0D  15.0F
```

TMR   Data Rate   Fill Rate / IPTV Rate

The front panel will display a 'Quick View' of your data throughput. If the DTA is processing IP destinations, the aggregate rate is displayed in place of the Fill Rate. Other information, such as currently installed firmware or hardware version can be accessed by holding down the "select" button and pressing one of the directional arrow keys.

ADTEC Digital

Getting Connected

To begin, you will need to connect to your DTA3050 via Ethernet directly, or by adding the unit to your local area network.

To add the device to a LAN, connect a standard CAT 5 Ethernet cable to your network router and then to the Ethernet port on the back of the device. The default address for all Adtec devices is 192.168.10.48.

To connect directly to the device, make sure that your computer and the device have IP addresses 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, System > Network menu. Using a CAT 5 crossover cable, connect one end to your computer and the other to the Ethernet port found on the processor section of the back panel. (Some computers can auto negotiate the connection and a crossover may not be necessary.). In addition to changing the IP address, selections for editing the subnet mask and routing gateway are also configurable from the DTA front panel.

Web-Based Control Application

the device. Ex. http://192.168.10.48.

The left panel of the application will report current status in real-time, while the tab selections above the status window will allow you to configure your device. Once you click the "Apply Changes" button, the unit will procces your request and then reload the page with the new parameters.

Adtec Digital has adopted zero-configuration networking technology, streamlining the setup and configuration processes for our products. The use of this technology enables automatic discovery of Adtec devices and services on an IP network. Used in tandem with the web-based control and configuration applications we can now provide 1-click access to any device.

By using the built-in Bonjour© locater in Apple's© Safari© browser or the plug-ins readily available for IE© or Firefox© browsers, users can locate all of the Adtec devices on a network by referencing the serial number on the back of the device. Clicking on the unit in the Bonjour© list will re-route you to a login page. If you do not wish to use Bonjour, you can reach the device's web application by pointing your browser to the IP Address of

> **You will be prompted for a password at the web GUI screen. The default password is 'USER'.**

Processor

Power	AC Power - Standard 3 pin plug (70-240 VAC 50 - 60 Hz)
GigE	GigE Interface - TS Output over RTP/UDP
COM2	Encoder Redundancy Switch
COM1	Serial Port Used for Troubleshooting
Ethernet	10/100 base T Ethernet interface
USB 2.0	Not Currently Supported

Video/Audio Input

ASI Inputs	10x BNC 75 Ohm, ASI Interface (EN 50083-9)
ASI Redundancy Inputs	2x BNC 75 Ohm, ASI Interface (EN 50083-9)
SMPTE Redundancy In	BNC 75 Ohm Input
Redundancy Tally	Redundancy Tally Switch Connection

Output

ASI Outputs	3x mirrored BNC 75 Ohm, ASI Interface (EN 50083-9)
SMPTE 310 Outputs	2x mirrored BNC 75 Ohm

Your DTA3050 is eligible for an account with DTVGuide, Adtec Digital's cloud-based electronic program guide (EPG) service. Upload your own schedules, use traditional media services to pass schedule data, or take advantage of over 100 North American programming providers sending their schedules for no additional cost or equipment to purchase. Contact Adtec Digital customer support for more information at +1 (615) 256-6619 or Email support@adtecinc.com.

DTVGuide
www.dtvguide.tv

Power | GigE | COM1 - Terminal | Fast Ethernet Interface | ASI Inputs

COM2 - Not Used | ASI Redundancy Inputs | SMPTE Redundancy Input | Redundancy Tally | ASI Outputs | SMPTE 310 Outputs