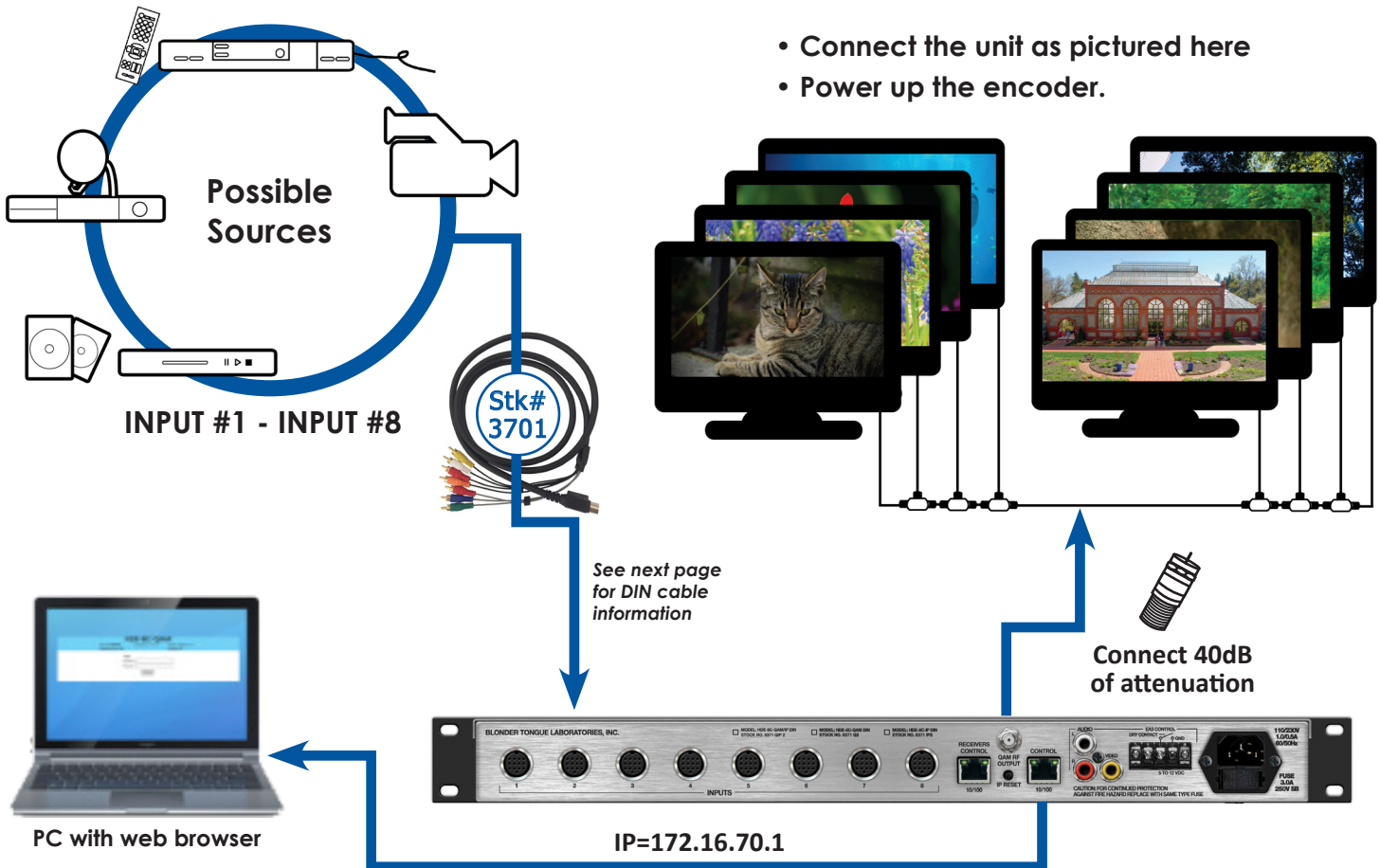
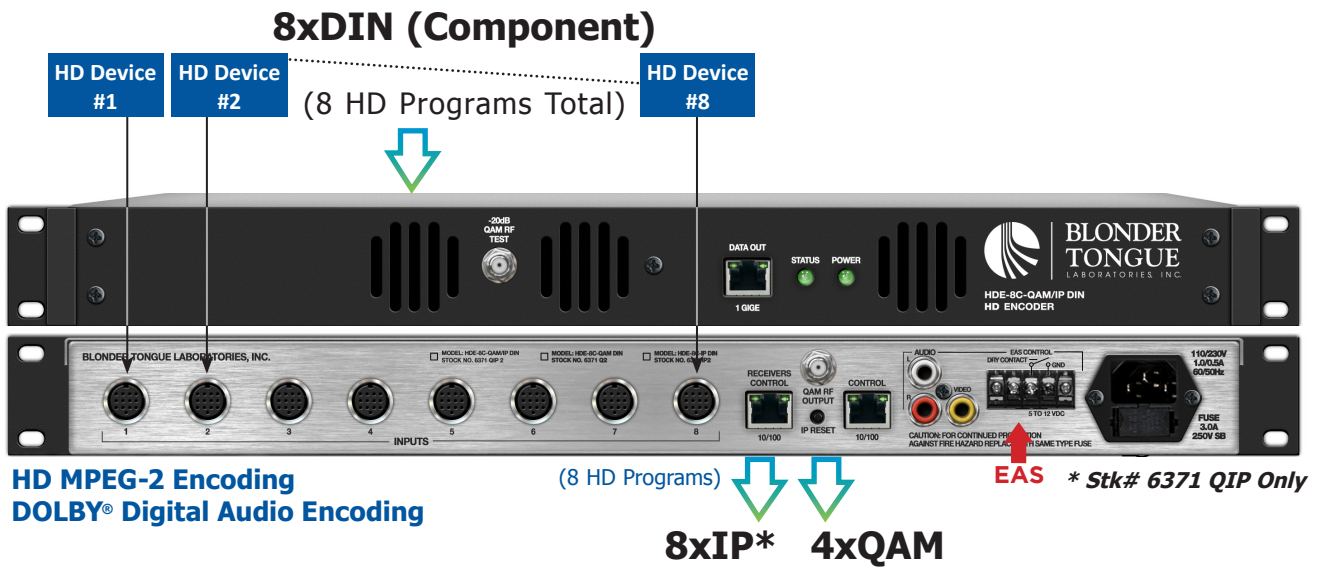


HDE-8C DIN SERIES QUICK GUIDE

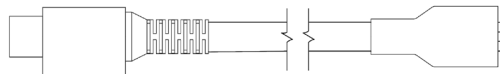
STEP 1 - Connect the Inputs



STEP 1 - Connect the Inputs (continued)

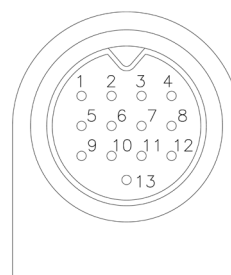
The DIN to RCA pin connectors are labeled here for your reference.

P1 - 13-PIN DIN PLUG



CONNECTOR	COLOR	TYPE
P2	GREEN	Y
P3	RED	Pr
P4	BLUE	Pb
P5	ORANGE	DIGITAL AUDIO
P6	RED	RIGHT AUDIO
P7	WHITE	LEFT AUDIO
P8	YELLOW	NTSC

WIRING DIAGRAM	
13 PIN DIN P1	RCA CONN
1	----- P2 CENTER
2	----- P3 CENTER
3	(N/U)
4	(N/U)
5	----- P4 CENTER
6	----- P2,P3,P4 SHELL
7	----- P6 CENTER
8	----- P7 CENTER
9	----- P6,P7 SHELL
10	----- P5 CENTER
11	(N/U)
12	----- P8 CENTER
13	----- P5,P8 SHELL



Stock # 3701 - H258C DIN to RCA Cable:

STEP 2 - Login

- Log in to the HDE-8C DIN Series encoder, using a standard web browser.
- This can be done through the Control 10/100 port, next to the Receiver Control port. Either go directly from a computer or through an Ethernet switch
- Assign **172.16.70.2** as the static address for your computer
- Now open your browser and enter **172.16.70.1** to access the HDE-8C DIN Series encoder
- The Username is "Admin" and the password is "pass" (case-sensitive)

HDE-8C-QAM/IP DIN

ESN: 2016080037 Temperature: 91.1°F Uptime: 2d 8h 36m 46s
 Headend Name: 8C_Din_generic Location: lab

Login

Username: Admin

Password:

STEP 3 - TS Configuration

Go to the Main > Output > TS Config Tab

- 1 Verify the Multiplexed MPTS Output default settings are suitable for your application
 - TS bitrate = QAM Modulator
 - Modulation Mode = QAM 256
 - Out of band = disabled
- 2 Verify the Output Mapping Section.
 - Input for each TS must be different.
 - Every PID and Program Number must be different.
 - Short Name should be a descriptive name of the program, as it will be shown on the television (max 7 alphanumeric characters)
 - Major and Minor Channel numbers are what the TV will display as the channel.
- 3 Click "SAVE" at the bottom to apply changes.

The screenshot shows the 'TS Config' tab with two main sections: 'Multiplexed MPTS Output Configuration' and 'Output Mapping'. The first section has a table with columns for TS ID, TS Bitrate, Modulation Mode, and Out of Band. The second section has a table with columns for Input, PID, Program Number, Short Name, Major Channel, and Minor Channel. A 'Save' button is at the bottom right.

TS ID	TS Bitrate	Modulation Mode	Out of Band
TS1	30.81070	QAM256	Disabled
TS2	30.81070	QAM256	Disabled
TS3	30.81070	QAM256	Disabled
TS4	30.81070	QAM256	Disabled

Input	PID	Program Number	Short Name	Major Channel	Minor Channel
Input 1	64	1	Test 1	3	1
Video	65				
Audio	66				
Input 2	68	2	Test 2	3	2
Video	69				
Audio	70				
Input 3	72	3	Test 3	4	1
Video	73				
Audio	74				
Input 4	76	4	Test 4	4	2
Video	77				
Audio	78				
Input 5	80	5	Test 5	5	1
Video	81				
Audio	82				
Input 6	84	6	Test 6	5	2
Video	85				
Audio	86				
Input 7	88	7	Test 7	6	1
Video	89				
Audio	90				
Input 8	92	8	Test 8	6	2
Video	93				
Audio	94				

STEP 4 - Configure IP Output*

Go to the Main > Output > IP Tab

- 1 Assign the Destination IP, Encapsulation protocol, Destination and Source Ports for each transport stream.
- 2 Verify the Stuffing is set to "Disabled" and the Output is "Enabled"
- 3 Click "SAVE" to apply the settings.

The screenshot shows the 'IP Output Configuration' table with columns for Destination IP, Encapsulation, Destination Port, Source Port, Time to Live, Stuffing, and Output Enable. A 'Save' button is at the bottom right.

	Destination IP	Encapsulation	Destination Port	Source Port	Time to Live	Stuffing	Output Enable
TS 1 P1 SPTS	239.10.10.10	UDP	50000	50000	128	Disabled	Enabled
TS 1 P2 SPTS	239.10.10.10	UDP	50001	50001	128	Disabled	Enabled
TS 2 P1 SPTS	239.10.10.10	UDP	50002	50002	128	Disabled	Enabled
TS 2 P2 SPTS	239.10.10.10	UDP	50003	50003	128	Disabled	Enabled
TS 3 P1 SPTS	239.10.10.10	UDP	50004	50004	128	Disabled	Enabled
TS 3 P2 SPTS	239.10.10.10	UDP	50005	50005	128	Disabled	Enabled
TS 4 P1 SPTS	239.10.10.10	UDP	50006	50006	128	Disabled	Enabled
TS 4 P2 SPTS	239.10.10.10	UDP	50007	50007	128	Disabled	Enabled

NOTE: The IP Output Tab is only available on the HDE-8C-QAM/IP DIN model.

STEP 5 - Configure QAM Output

Setup the QAM output channels by going to the *Main > Output > QAM tab*

- 1 Select the channel for the 1st QAM. The next 3 will be automatically assigned.
- 2 Ensure all outputs are on and CW mode is not enabled.
- 3 Click "SAVE" to apply changes.

QAM Parameters				
Output Channel/Frequency	70 / 501MHz	71 / 507MHz	72 / 513MHz	73 / 519MHz
Output Control	On	On	On	On
CW Control	<input type="checkbox"/> Enable CW for QAM Module			
Output Level	40 dBmV			
Output QAM Mode	256B			
Output QAM Map	STD			
Output QAM Data Rate	5.3605 Mbaud			
Output QAM Interleaver	128-1			
Output QAM Alpha	12%			
QAM Lock State	Lock			

Save

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Firmware Updates are available under "Tech Support" in the "Resources" section of the website. General instructions for the FTP site, as well as updating your firmware, are provided on this page.