User manual
DConBT

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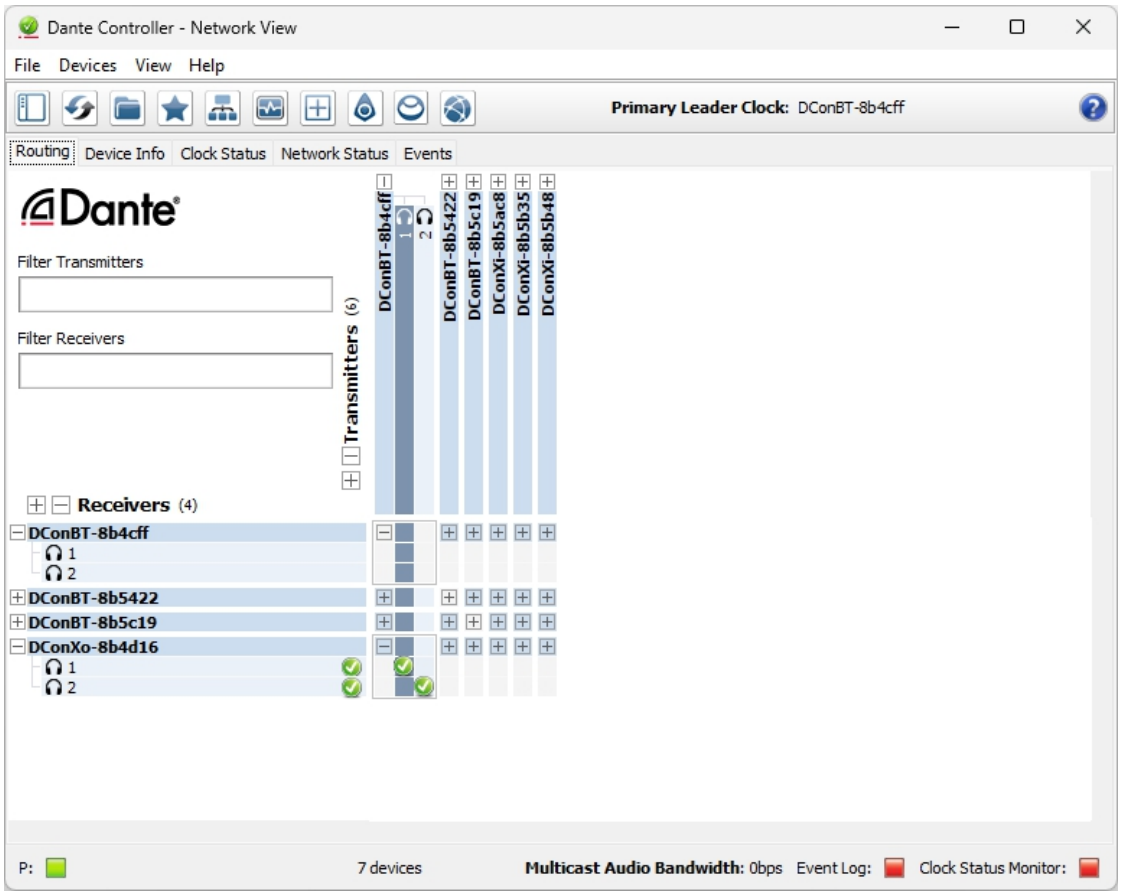
Dante

This 2x2 Bluetooth converter brings wireless audio flexibility to any Dante installation. DConBT offers a host of control features, including call pickup, reject, music player control, and customizable pairing button behavior. Additionally, users can define the Bluetooth radio name to personalize their wireless audio experience. Like its counterparts, DConBT is API-enabled for easy integration with third-party applications.

After connecting the unit to your network with Power over Ethernet supplied the unit should be visible and patchable in Dante Controller.
Dante Controller can be downloaded from the Audinate Dante website:
www.getdante.com



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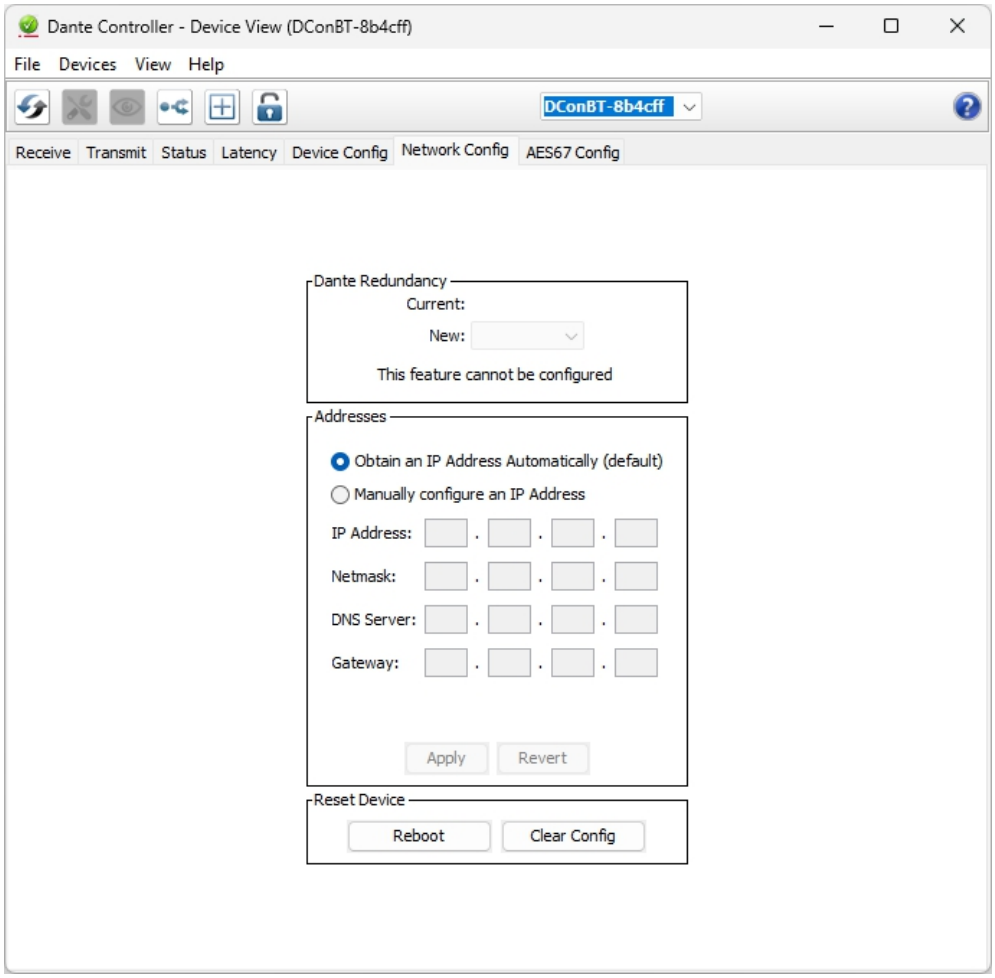
IP Settings

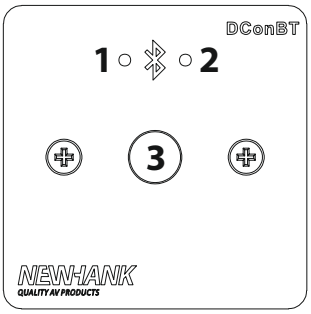
IP Settings are made in Dante Controller.

1. Double click a device in the matrix or press Ctrl+D on your keaboard to open Device View.
2. Select the Dante device you wish to edit and navigate to the Network Config tab.



For other Dante related settings please refer to the information supplied by Audinate. Completing Dante training and certification is highly recommended to set up and work with Dante audio-over-network installations.

Status LEDs and pair button



- In unpaired state, with Auto Connect disabled and Pair button enabled (see features on page 4), the red LED(1) will be lit. When the button(3) is pressed for one second, the red LED will turn off, and the blue LED(2) will start blinking until a client is connected. The pairing mode can be canceled by pressing the button again.
- If a client is paired, the blue LED will remain steadily lit and pressing the button disconnects the current client. Press a second time to enable pair mode again.
- In Auto Connect mode, the red LED stays lit while the device is available.

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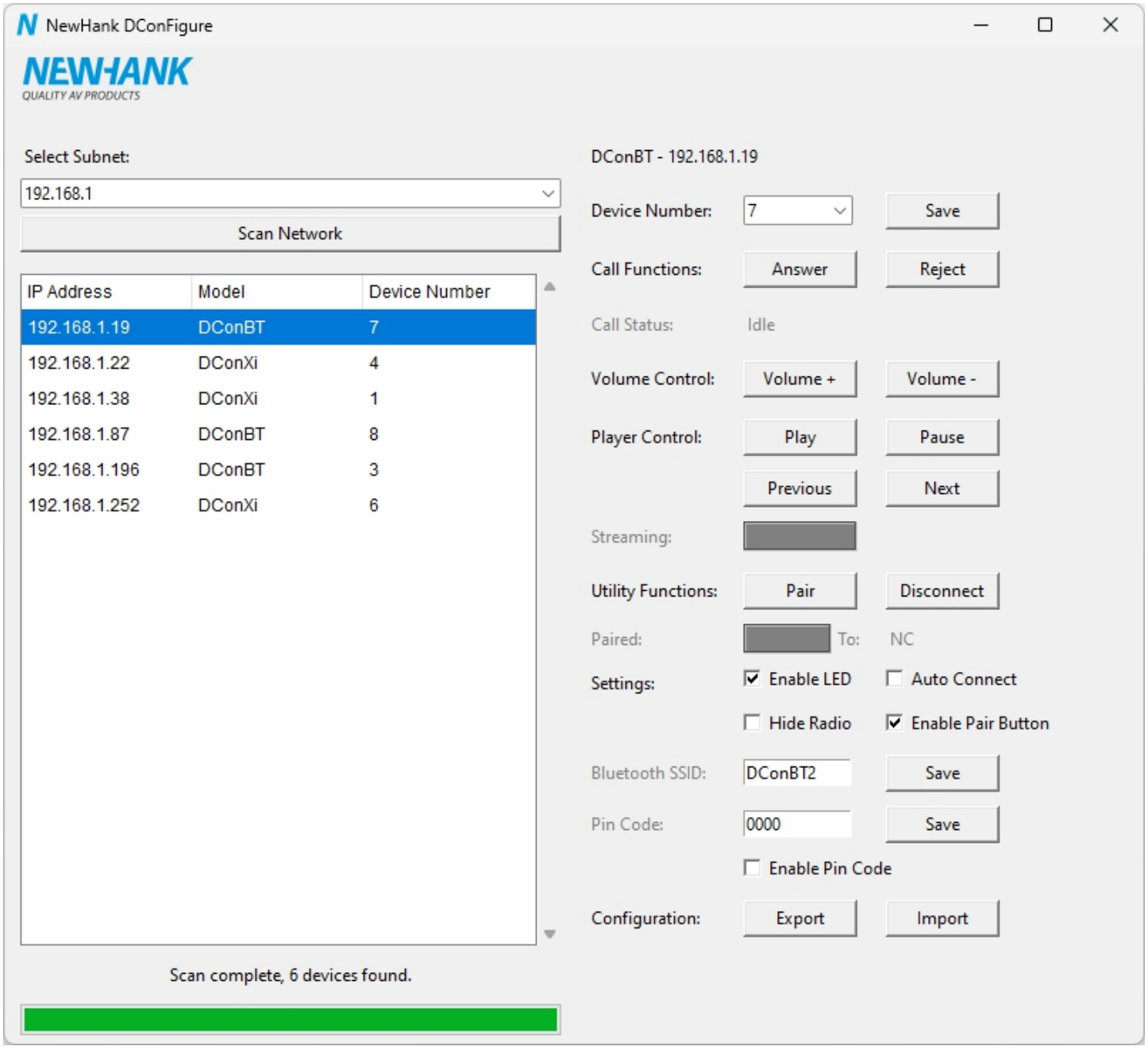
DConFigure

DConFigure is a powerful, easy-to-use software tool that allows integrators to manage and configure all DCon devices in a network from a central location. This free software enables the streamlined setup of multiple DCon panels connected to the same network, ensuring that large-scale installations can be managed efficiently and with minimal effort.

Simply open the program, select the used subnet and press Scan Network for an inventory of available devices.
Select the device to be configured to display its current settings and change parameters.



Functions

Device number	User definable device number for use with 3rd party control systems that cannot distinguish UDP messages based on IP address.
Call Functions	Answer or reject / end call on client device.
Call Status	Status of call: Idle, Incoming, Calling, Outgoing.
Volume Control	Volume increase or decrease on client device.
Player Control	Play, Pauze, Next or Previous track control on client device.
Streaming	Status indicator wheter client device is curently transmitting audio.
Utility functions	
Pair	Enable or disable pairing mode, a software version of the pair button.
Disconnect	Disconnect any connected client.
Paired	Status wheter a client is paired, and to which client name.
Settings	
Enable LED	Enable or disable the LED on the frontpanel of the hardware.
Auto Connect	If selected, users do not need to set the device to pairing mode by pressing the pair know or triggering the software pair button.
Hide Radio	For use with Auto Connect mode, if enabled only previously connected clients can connect as they have the device in their device list.
Enable Pair Button	Enable or disable the hardware pair button.
Bluetooth SSID	User definable radio name broadcasted for clients to find the device.
Pin Code	User definable pin code for connecting to the device.
Enable Pin Code	Enable or disable the use of the pin code.
Configurations	
Export	Export current setting to a file for backup or import to another device.
Import	Import a previously exported file and apply settings to the current device. Note: Only relevant settings are being applied: LED mode, Connection mode, Radio hide, Pair button, Bluetooth SSID and Pin Code.

Third-party party API

For flexible integration with various third-party control systems, a UDP API is provided. DCon listens on UDP port 1119 for incoming ASCII messages and responds to the return port specified by the client.

The syntax for UDP commands is:
<Operator><Space><Command>[<Space>Optional parameter]<Carriage return>

How to send the carriage return depends on the third-party client software; for our examples, we will use '\r' in this document.

DCon sends responses with the following syntax:
<Status message indicator><Device number><Variable><Parameter><Carriage return>

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Commands:

	Operator	Cmd.	Parameter	Example	Response
Device number	GET	DN		GET DN\r	ST DN 4\r
	SET	DN	0-999	SET DN 15\r	ST DN 15\r
Pairing mode	GET	PM		GET PM\r	ST DN8 PM 0\r
	SET	PM	0=off; 1= on	SET PM 1\r	ST DN0 PM 1\r
Host connection status	GET	CO		GET CO\r	ST DN1 CO 1\r
Paired client name	GET	PN		GET PN\r	ST DN1 PN iPhone-Henk\r
Call Status	GET	CA		GET CA\r	ST DN3 CA 0\r
			0=Idle; 1=Incoming call; 2=Calling; 3=Outgoing call		
Streaming status	GET	SS		GET SS\r	ST DN17 SS 0\r
Auto connect disable	GET	CM		GET CM\r	ST DN2 CM 1\r
	SET	CM	0=off; 1= on	SET CM 0\r	ST DN2 CM 0\r
Pin code enable	GET	PE		GET PE\r	ST DN5 PE 0\r
	SET	PE	0=off; 1= on	SET PE 1\r	ST DN5 PE 1\r
Pin code	GET	PC		GET PC\r	ST DN5 PC 1234\r
	SET	PC	0000-9999	SET PC 0000\r	ST DN5 PC 0000\r
Pair button enable	GET	PB		GET PB\r	ST DN92 PB 1\r
	SET	PB	0=off; 1= on	SET PB 0\r	ST DN92 PB 0\r
LED enable	GET	LM		GET LM\r	ST DN122 LM 1\r
	SET	LM	0=off; 1= on	SET LM 0\r	ST DN122 LM 0\r
Bluetooth SSID	GET	BS		GET BS\r	ST DN3 BS DCon\r
	SET	BS	Variable text	SET BS Room1\r	ST DN3 BS Room1\r
Hide radio enable	GET	BH		GET BH\r	ST DN27 BH 0\r
	SET	BH	0=off; 1= on	SET BH 1\r	ST DN27 BH 1\r
All status	GET	ALL		GET ALL\r	ST DN4 PM 0\r ST DN4 C...
Answer call	SET	AC		SET AC\r	ST DN14 AC OK\r
Reject / hangup call	SET	RC		SET RC\r	ST DN14 RC OK\r
Volume up	SET	VUP		SET VUP\r	ST DN14 VUP OK\r
Volume down	SET	VDN		SET VDN\r	ST DN14 VDN OK\r
Play	SET	PLY		SET PLY\r	ST DN14 PLY OK\r
Pauze / stop	SET	PZ		SET PZ\r	ST DN14 PZ OK\r
Previous track	SET	PRV		SET PRV\r	ST DN14 PRV OK\r
Next track	SET	NXT		SET NXT\r	ST DN14 NXT OK\r

For latest product information, visit our website:
www.newhank.com