

Partner: Denon
Model: DNP-720AE
Device Type: Network Audio Streamer



GENERAL INFORMATION

SIMPLWINDOWS NAME:	Denon DNP-720AE v1.0
CATEGORY:	Network Audio Streamer
VERSION:	1.0
SUMMARY:	This module controls the Denon DNP-720AE via TCP/IP.
GENERAL NOTES:	This module will control all of the standard functions on the Denon DNP-720AE Network Audio Streamer device via TCP/IP. Not all On Screen Display information is shown from the device.
CRESTRON HARDWARE REQUIRED:	C2NENET-1, CE2NENET-2
SETUP OF CRESTRON HARDWARE:	TCP/IP Port 23
VENDOR FIRMWARE:	N/A
VENDOR SETUP:	Set Network Standby mode on by selecting MENU -> Manual Setup -> Network Setup -> Other -> Network Standby. Set this parameter to ON.
CABLE DIAGRAM:	Cat-5e

CONTROL:

Power_On/Off/Toggle	D	Turn on and off the power.
Select Tuner	D	Select the Tuner input.
Select_Rhapsody	D	Select the Rhapsody input.
Select_Napster	D	Select the Napster input.
Select_Pandora	D	Select the Pandora input.
Select_iRadio	D	Select the iRadio input.
Select_Server	D	Select the Server input.
Select_iPod_USB	D	Select the iPod USB input.
Cursor_Up	D	Move the cursor or line up.

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Cursor_Down	D	Move the cursor or line down.
Cursor_Left	D	Move the cursor left.
Cursor_Right	D	Move the cursor right.
Enter(Play/Pause)	D	Select an entry selected.
Play	D	Play a song from a source.
Pause	D	Pause a playing song.
Stop	D	Stop the currently playing song.
Skip_Plus	D	Skip a track forward.
Skip_Minus	D	Skip a track backwards.
Repeat_<One/All/Off>	D	Set the repeat function to One, All or Off.
Random_On_Shuffle_Songs	D	Turn on random shuffle of songs.
Random_Off_Shuffle_Songs	D	Turn off random shuffle of songs.
iPod_Browser_Mode_Remote_Mode	D	Put the iPod in Browse or Remote mode.
iRadio_Preset_*	D	Pulse to recall iRadio presets.
Tune_<Up/Down>	D	Pulse to increment/decrement desired Tuner channel number.
Tuner_Preset_<Up/Down>	D	Pulse to increment/decrement desired Tuner preset number.
Tuner_<AM/FM>	D	Pulse to select Tuner band.
Tuner_Mode_<Auto/Manual>	D	Pulse to select Tuner mode.
Tuner_Preset_*	D	Pulse to recall Tuner preset.
Poll_Enable	D	Latch high to refresh onscreen display every second.
{{TCP/IP_Client_>>_Connect-F}}	D	To be connected to the "Connect_F" input on the TCP/IP client definition.
{{TCP/IP_Client_>>_status}}	A	To be connected to the "status" input on the TCP/IP client definition that will be communicating with the unit being controlled.
{{TCP/IP_Client_>>_RX\$}}	S	To be connected to the "RX\$" input on the TCP/IP client definition that will be communicating with the unit being controlled.

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FEEDBACK:

Power_Is_On/Off	D	Shows that the power is on / off.
Select_Tuner_Is_Selected	D	Shows the tuner is selected.
Select_Rhapsody_Is_Selected	D	Shows Rhapsody is selected.
Select_Napster_Is_Selected	D	Shows Napster is selected.
Select_Pandora_Is_Selected	D	Shows Pandora is selected.
Select_iRadio_Is_Selected	D	Shows iRadio is selected.
Select_Server_Is_Selected	D	Shows the server is selected.
Select_iPod_USB_Is_Selected	D	Shows the iPod USB is selected.
Line_Highlight_1 – 8	D	Shows that the line number is highlighted.
Screen_Title	S	Text to display the screen title of the current page.
Screen_Line_1 – 8	S	Text to display the information of the current page.
Tuner_Band_Is_<AM/FM>	D	Indicates the current Tuner band.
Tuner_*_Text	S	Indicates all of the information for the current Tuner radio frequency.
Tuner_Mode_Is_<Auto/Manual>	D	Indicates the current Tuner mode.
Tuner_Preset_Is_*	D	Indicates the current Tuner preset.
{{Connect_>>_TCP/IP_Client}}	D	To be connected to the "Connect" output on the TCP/IP client definition that will be communicating with the unit being controlled.
{{TX\$_>>_TCP/IP_Client}}	S	To be connected to the "TX\$" output on the TCP/IP client definition that will be communicating with the unit being controlled.

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**TESTING:**

OPS USED FOR TESTING:	PRO2 4.007.0004 MC3 1.005.0007
SIMPL WINDOWS USED FOR TESTING:	3.11.15
CRES DB USED FOR TESTING:	33.05.005.01
DEVICE DATABASE:	45.05.005.00
SYMBOL LIBRARY USED FOR TESTING:	883
SAMPLE PROGRAM:	Denon DNP-720AE IP v1.0 Demo
REVISION HISTORY:	v1.0 – Original release.