

**Partner: Marantz**  
**Model: NA7004**  
**Device Type: Network Audio Streamer**



## GENERAL INFORMATION

<b>SIMPLWINDOWS NAME:</b>	Marantz NA7004 v1.1
<b>CATEGORY:</b>	Network Audio streamer
<b>VERSION:</b>	1.1
<b>SUMMARY:</b>	This module controls the Marantz NA7004
<b>GENERAL NOTES:</b>	Not all On Screen Display information is shown from the device.
<b>CRESTRON HARDWARE REQUIRED:</b>	C2ENET-1 or C2ENET-2
<b>SETUP OF CRESTRON HARDWARE:</b>	TCP Client Port 23
<b>VENDOR FIRMWARE:</b>	N/A
<b>VENDOR SETUP:</b>	Under the inputs, select Menu > Network > Other Network > Network Standby = On. Otherwise you will not be able to turn on the unit from the power on command.
<b>CABLE DIAGRAM:</b>	CAT-5

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**CONTROL:**

Power_On/Off/Toggle	D	Turn on and off the power.
Select_Tuner	D	Select the tuner input.
Select_USB	D	Select the USB input.
Select_Coaxial	D	Select the coaxial input.
Select_Optical	D	Select the optical input.
Select_M-Xport	D	Select the M_Xport input.
Select_Rhapsody	D	Select the Rhapsody input.
Select_Napster	D	Select the Napster input.
Select_Pandora	D	Select the Pandora input.
Select_Last_FM	D	Select the Last FM input.
Select_I_Radio	D	Select the I Radio input.
Select_Server	D	Select the server input.
Select_iPod_USB	D	Select the iPod USB input.
M-Dax_High	D	Set the M-Dax level to high.
M-Dax_Mid	D	Set the M-Dax level to medium.
M-Dax_Low	D	Set the M-Dax level to low.
M-Dax_Off	D	Set the M-Dax level to off.
Cursor_Up	D	Move the cursor or line up.
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.

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<b>Play</b>	D	Play a song from a source.
<b>Pause</b>	D	Pause a playing song.
<b>Stop</b>	D	Stop the currently playing song.
<b>Skip_Plus</b>	D	Skip a track forward.
<b>Skip_Minus</b>	D	Skip a track backwards.
<b>Repeat_One/All/Off</b>	D	Set the repeat function to One, All or Off.
<b>Random_On_Shuffle_Songs</b>	D	Turn on random shuffle of songs.
<b>Random_Off_Shuffle_Songs</b>	D	Turn off random shuffle of songs.
<b>iPod_Browser_Mode_Remote_Mode</b>	D	Put the iPod in Browse or Remote mode.
<b>Poll_Enable</b>	D	Latch high to refresh onscreen display every second.
<b>Favorite_Channel_Value</b>	A	Value to go to a favorite channel
<b>(OSD)Favorite_Cursor_Up</b>	D	On Screen Favorite cursor up.
<b>(OSD)Favorite_Cursor_Down</b>	D	On Screen Favorite cursor down.
<b>(OSD)Favorite_Cursor_Left</b>	D	On Screen Favorite cursor left.
<b>(OSD)Favorite_Cursor_Right</b>	D	On Screen Favorite cursor right.
<b>(OSD)Favorite_Enter</b>	D	On Screen Favorite enter.
<b>(OSD)Favorite_On</b>	D	Enable Favorite.
<b>(OSD)Favorite_Off</b>	D	Disable Favorite.
<b>{{TCP/IP_Client_&gt;&gt;_Connect-F}}</b>	D	Signal connected to TCP Client for connection feedback.
<b>{{TCP/IP_Client_&gt;&gt;_Status}}</b>	A	Signal connected to TCP Client for status feedback.
<b>{{TCP/IP_Client_&gt;&gt;_RX\$}}</b>	S	Signal connected to TCP Client for data coming from the device.

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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_USB_Is_Selected	D	Shows the USB is selected.
Select_Coaxial_Is_Selected	D	Shows the coaxial is selected.
Select_Optical_Is_Selected	D	Shows the optical is selected.
Select_M-Xport_Is_Selected	D	Shows the M-Xport 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_Last_FM_Is_Selected	D	Shows Last FM is selected.
Select_I_Radio_Is_Selected	D	Shows I Radio is selected.
Select_Server_Is_Selected	D	Shows the server is selected.
Select_iPod_USB_Is_Selected	D	Shows the iPod USB is selected.
M-Dax_High_Is_Select	D	Shows that M-Dax is high.
M-Dax_Mid_Is_Select	D	Shows that M-Dax is medium.
M-Dax_Low_Is_Select	D	Shows that M-Dax is low.
M-Dax_Off_Is_Select	D	Shows that M-Dax is off.
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.
{{Connect_>>_ TCP/IP_Client }}	D	Signal connected to TCP Client for connecting to a device.
{{TX\$_>>_ TCP/IP_Client }}	S	Signal connected to TCP Client for sending data to a device.

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**TESTING:**

<b>OPS USED FOR TESTING:</b>	PRO2 4.003.0015
<b>SIMPL WINDOWS USED FOR TESTING:</b>	3.01.24.00
<b>CRES DB USED FOR TESTING:</b>	26.00.008.00
<b>DEVICE DATABASE:</b>	335.05.004.00
<b>SYMBOL LIBRARY USED FOR TESTING:</b>	741
<b>SAMPLE PROGRAM:</b>	Marantz NA7004 Network v1.1 Demo
<b>REVISION HISTORY:</b>	v1.0 – Original release. v1.1 – Modified to clear Screen Title and Screen Lines 1-8 upon selecting a source. Resolved "Request_Onscreen_Display signal previously defined" error. Added "Poll_Enable" to enable Onscreen Display updates every second.