

Integra Serial Communication Protocol for AV Receiver

Version 1.04, 18 August 2005

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Revision History:

Version	Date	Contents
1.00	22 August 2003	first edition TX-DS989,DTR-9.1,RDC-7 TX-DS989,DTR-9.1,RDC-7□ (Ver 2) TX-DS787,DTR-7.1 DTR-5.2,DTR-6.2 TX-DS797,TX-DS898, DTR-5.3,DTR-6.3 TX-NR900,TX-NA900□,DTR-8.3,DTR-7.3,DTC-9.4,DTC-7 DTR-5.4,DTR-6.4
1.01	3 September 2004	added TX-NR901,DTX-7,DTR-8.4,DTR-7.4 DTR-4.5,DTR-5.5,DTR-6.5,TX-SR702
1.02	29 December 2004	added TX-NR1000,DTR-10.5,RDC-7.1
1.03	21 February 2005	added ZONE3 commands
1.04	18 August 2005	added TX-SR703/803,DTR-4.6/5.6/6.6/7.6

Note:

Model	Date	Contents

Version Check:

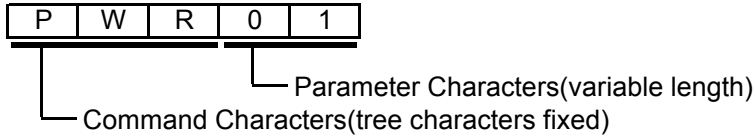
To check the version on the unit, please follow the procedure below.

1. Turn on the unit.
2. Press DISPLAY + STANDBY/ON buttons.
3. Two versions will be displayed sequentially. Check the first version "MSxxxxx".

The version number shows the date (ymdd) in which the firmware was created. Here, X, Y and Z in month mean Oct, Nov and Dec respectively.

1. Protocol Overview

ISCP (Integra Serial Control Protocol) consists of three command characters and parameter character(s) of variable length.



1.1. ISCP over RS-232C

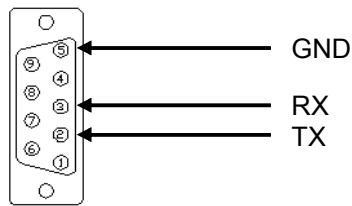
Hardware Overview

3wire RS-232C protocol

9600 baud / 8 data bits / 1 stop bits / no parity / no flow control

9 pin female D type connector (pin 2 is transmit, pin 3 is receive, pin 5 is signal ground)

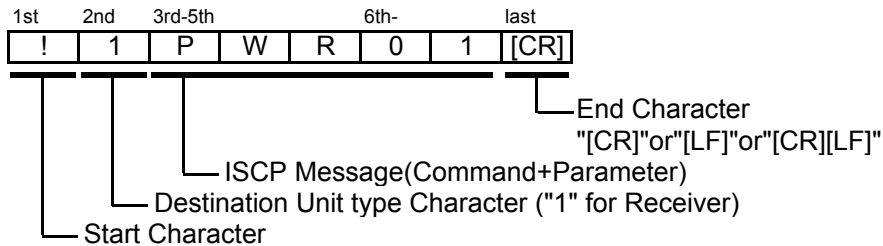
Use a straight-thru cable to connect to your PC.



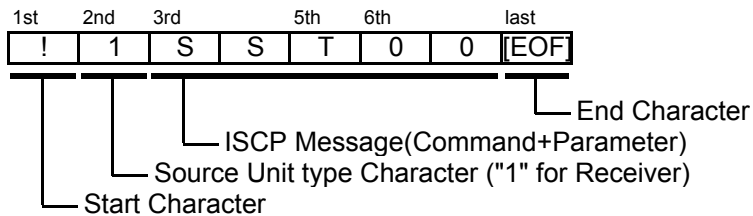
DB9

Software Overview

Controller -> Device Message Example (Power On)



Device -> Controller Message Example (Power Status = Standby)



Special Characters

[CR]	Carriage Return	ASCII Code 0x0D
[LF]	Line Feed	ASCII Code 0x0A
[EOF]	End of File	ASCII Code 0x1A

2. COMMUNICATION FLOW DESCRIPTION

Receiver uses Question, Command and Notification messages to have to communicate with a given Controller. This protocol is designed for point to point communication between a third party controller and Receiver.

2.1. Command Communication

Send a "Command Message" to Receiver from the Controller for control of the device.

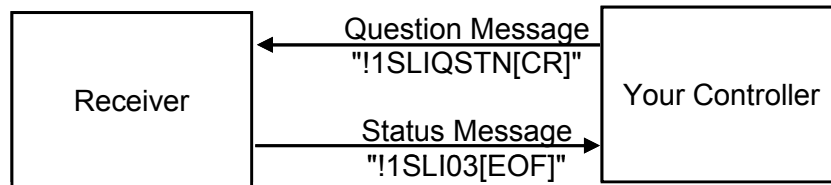
Unsolicited feedback - If Receiver's status changes , a "Status Message" is sent to the Controller. Receiver will respond with a status message within 50msec. If Receiver does not respond within 50msec, the communication has failed.



2.2. Question Communication

Send a "Question Message" to Receiver from the Controller to get the current system status.

Receiver will respond with a status message.



2.3. Event Notice Communication

If the system status changes, the Receiver will notify the Controller by sending the new current status.



Amplifier-related Command Support List

Code	Means	TX-DS989 DTR-9.1 RDC-7	TX-DS989 DTC-9.1 RDC-7 (ver2.0)	TX-DS787 DTR-7.1	DTR-5.2	DTR-6.2	TX-DS797 DTR-7.2	TX-DS898 DTR-8.2	DTR-5.3	DTR-6.3	TX-NR900 TX-NA900 DTR-8.3 DTR-7.3 DTC-9.4 DTC-7	DTR-5.4	DTR-6.4	TX-NR901	DTX-7 DTR-8.4 DTR-7.4	DTR-4.5	DTR-5.5	DTR-6.5	TX-SR702	TX- NR1000 TX- NR5000ET X-NA1000 DTR-10.5 RDC-7.1	TX-SR703 TX-SR803 DTR-4.6 DTR-5.6 DTR-6.6 DTR-7.6
"PWR" - System Power Command																					
"00"	sets System Standby	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"01"	Set System On	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"QSTN"	gets the System Power Status	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"AMT" - Audio Muting Command																					
"00"	sets Audio Muting Off	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"01"	sets Audio Muting On	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"TC"	sets Audio Muting Wrap-Around	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	
"QSTN"	gets the Audio Muting State	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"SPA"/"SPB" - Speaker A/B Command																					
"00"	sets Speaker Off	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes(*1)	No
"01"	sets Speaker On	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes(*1)	No
"UP"	sets Speaker Switch Wrap-Around	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes(*1)	No
"QSTN"	gets the Speaker State	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes(*1)	No
*1: SPA-MAIN A/SPB-MAIN B																					
"MVL" - Master Volume Command																					
"00"/"64"	Volume Level 0 - 100 (In H)	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"00"/"50"	Volume Level 0 - 80 (In H)	No	No	No	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No
"UP"	sets Volume Level Up	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"DOWN"	sets Volume Level Down	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"QSTN"	gets the Volume Level	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"SLP" - Sleep Set Command																					
"01"/"5A"	sets Sleep Time 1 - 90min	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"OFF"	sets Sleep Time Off	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"UP"	sets Sleep Time Wrap-Arou	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"QSTN"	gets The Sleep Time	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"SLC" - Speaker Level Calibration Command																					
"TEST"	TEST Key	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"CHSEL"	CH SEL Key	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"UP"	LEVEL + Key	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"DOWN"	LEVEL - KEY	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"DIF" - Display Information Command																					
"00"	Display Program Format	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
"01"	Display Digital Input Positd	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
"02"	Display Digital Format Posi	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
"03"	Display Bass Level	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
"04"	Display Treble Level	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
"DIF" - Display Mode Command																					
"00"	sets Selector + Volume Dis	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"01"	sets Selector + Listening M	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"TC"	sets Display Mode Wrap-Ar	No	No	No	Yes(*1)	Yes(*1)	Yes(*1)	Yes(*1)	Yes(*1)	Yes(*1)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"QSTN"	gets The Display Mode	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
*1: Parameter Character is "UP"																					
"DIM" - Dimmer Level Command																					
"00"	sets Dimmer Level "Bright"	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"01"	sets Dimmer Level "Dim"	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"02"	sets Dimmer Level "Dark"	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"03"	sets Dimmer Level "Shut-O	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
"08"	sets Dimmer Level "Bright &	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"DIM"	sets Dimmer Level Wrap-Ar	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"QSTN"	gets The Dimmer Level	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"OSD" - Setup Operation Command																					
"MENU"	Menu Key	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"UP"	Up Key	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"DOWN"	Down Key	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"RIGHT"	Right Key	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"LEFT"	Left Key	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"ENTER"	Enter Key	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"EXIT"	Exit Key	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"MEM" - Memory Setup Command																					
"STR"	stores memory	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
"RCL"	recalls memory	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
"LOCK"	locks memory	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
"UNLK"	unlocks memory	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes

Unit-related Command Support List

Code	Means	TX-DS989 DTR-9.1 RDC-7	TX-DS989 DTC-9.1 RDC-7 (ver2.0)	TX-DS787 DTR-7.1	DTR-5.2	DTR-6.2	TX-DS797 DTR-7.2	TX-DS898 DTR-8.2	DTR-5.3	DTR-6.3	TX-NR900 TX-NA900 DTR-8.3 DTR-7.3 DTC-9.4 DTC-7	DTR-5.4	DTR-6.4	TX-NR901	DTX-7 DTR-8.4 DTR-7.4	DTR-4.5	DTR-5.5	DTR-6.5	TX-SR702	TX- NR1000 TX- NR5000ET X-NA1000 DTR-10.5 RDC-7.1	TX-SR703 TX-SR803 DTR-4.6 DTR-5.6 DTR-6.6 DTR-7.6	
"SLI" - Input Selector Command																						
"00"	sets VIDEO1	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"01"	sets VIDEO2	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"02"	sets VIDEO3	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"03"	sets VIDEO4	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	
"04"	sets VIDEO5	Yes	Yes	Yes	No	No	Yes	Yes	No	No	Yes	No	No	Yes	Yes	No	No	No	No	No	No	
"05"	sets VIDEO6	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"06"	sets VIDEO7	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"10"	sets DVD	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"20"	sets TAPE(1)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"21"	sets TAPE2	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"22"	sets PHONO	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	
"23"	sets CD	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"24"	sets FM	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"25"	sets AM	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"26"	sets TUNER	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"27"	sets MUSIC SERVER	No	No	No	No	No	No	No	No	No	Yes	No	No	Yes	Yes	No	No	No	No	No	Yes	
"28"	sets INTERNET RADIO	No	No	No	No	No	No	No	No	No	Yes	No	No	Yes	Yes	No	No	No	No	No	Yes	
"30"	sets MULTI CH	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	No	
"31"	sets XM	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	
"UP"	sets Selector Position Wrap	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"DOWN"	sets Selector Position Wrap	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
"QSTN"	gets The Selector Position	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	

"SLR" - RECOUT Selector Command																				
"00"	sets VIDEO1	Yes	Yes	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"01"	sets VIDEO2	Yes	Yes	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"02"	sets VIDEO3	Yes	Yes	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"03"	sets VIDEO4	Yes	Yes	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"04"	sets VIDEO5	Yes	Yes	Yes	No	Yes	Yes	Yes	No	Yes	No	No	Yes	Yes	No	No	No	No	No	Yes
"05"	sets VIDEO6	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
"10"	sets DVD	Yes	Yes	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"20"	sets TAPE(1)	Yes	Yes	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"21"	sets TAPE2	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
"22"	sets PHONO	Yes	Yes	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes
"23"	sets CD	Yes	Yes	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"24"	sets FM	Yes	Yes	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"25"	sets AM	Yes	Yes	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"26"	sets TUNER	No	No	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"27"	sets MUSIC SERVER	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	Yes	No	No	No	Yes
"28"	sets INTERNET RADIO	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	Yes
"30"	sets MULTI CH	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes
"31"	sets XM	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
"7F"	sets OFF	Yes	Yes	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"80"	sets SOURCE	Yes	Yes	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"QSTN"	gets The Selector Position	Yes	Yes	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
**1:REC/ZONES																				
"SLA" - Audio Selector Command																				
"00"	sets AUDIO	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	Yes
"01"	sets MULTI-CHANNEL	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	Yes
"02"	sets ANALOG	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	Yes
"03"	sets iLINK	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
"UP"	sets Audio Selector Wrap-A	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	Yes
"QSTN"	gets The Audio Selector St	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	Yes
"TGA" - 12V Trigger A Command																				
"00"	sets 12V Trigger A Off	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes
"01"	sets 12V Trigger A On	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes
"TGB" - 12V Trigger B Command																				
"00"	sets 12V Trigger B Off	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes
"01"	sets 12V Trigger B On	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes
"TGC" - 12V Trigger C Command																				
"00"	sets 12V Trigger C Off	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes
"01"	sets 12V Trigger C On	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes
"VOS" - Video Output Selector (Japanese Model Only)																				
"00"	sets D4	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
"01"	sets Component	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
"QSTN"	gets The Selector Position	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes

Surround-related Command List

Code	Means	TX-DS989 DTR-9.1 RDC-7	TX-DS989 DTC-9.1 RDC-7 (Ver2.0)	TX-DS787 DTR-7.1	DTR-5.2	DTR-6.2	TX-DS797 DTR-7.2	TX-DS898 DTR-8.2	DTR-5.3	DTR-6.3	TX-NR900 DTR-8.3 DTC-7.3 DTC-7	DTR-5.4	DTR-6.4	TX-NR901	DTX-7 DTR-8.4 DTR-7.4	DTR-4.5	DTR-5.5	DTR-6.5	TX-SR702	TX-NR1000 TX- NR5000ET X-NA1000 DTR-10.5 RDC-7.1	TX-SR703 TX-SR803 DTR-8.6 DTR-6.6 DTR-7.6
"LMD" - Listening Mode Command																					
"00"	sets STEREO	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"01"	sets DIRECT	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"02"	sets SURROUND	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"03"	sets FILM	Yes	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
"04"	sets THX	Yes	Yes	Yes	No	No	Yes	Yes	No	No	Yes	No	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes
"05"	sets ACTION	Yes	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
"06"	sets MUSICAL	Yes	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
"07"	sets ENHANCED MOVIE	No	Yes	No	No	No	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"08"	sets ORCHESTRA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"09"	sets UNPLUGGED	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"0A"	sets STUDIO-MIX	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"0B"	sets TV LOGIC	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"0C"	sets ALL CH STEREO	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"0D"	sets THEATER-DIMENSIO	Yes	Yes	Yes	No	No	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
"0E"	sets ENHANCED 7/ENHAN	No	Yes	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
"0F"	sets MONO	Yes	Yes	Yes	No	No	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"11"	sets PURE AUDIO	No	No	No	No	No	No	No	No	Yes	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
"12"	sets MULTIPLEX	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"13"	sets FULL MONO	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes
"14"	sets DOLBY VIRTUAL	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"40"	sets 5.1ch Surround	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes
"41"	sets DOLBY EXDTS ES	No	Yes	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"42"	sets THX Cinema	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes
"43"	sets THX Surround EX	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes
"50"	sets U2/S2 Cinema	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	Yes
"51"	sets MusicMode	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	Yes
"52"	sets Games Mode	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	Yes
"80"	sets PLII/PLIIX Movie	No	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"81"	sets PLII/PLIIX Music	No	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"82"	sets Neo.6 Cinema	No	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
"83"	sets Neo.6 Music	No	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
"84"	sets PLII/PLIIX THX Cinema	No	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes
"85"	sets Neo.6 THX Cinema	No	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes
"86"	sets PLII/PLIIX Game	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes
"UP"	sets Listening Mode Wrap-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"DOWN"	sets Listening Mode Wrap-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"QSTN"	gets The Listening Mode	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"LTN" - Late Night Command																					
"00"	sets Late Night Off	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"01"	sets Late Night Low	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"02"	sets Late Night High	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"UP"	sets Late Night State Wrap	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"QSTN"	gets The Late Night Level	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"RAS" - Re-EQ/Academy Filter Command																					
"00"	sets Both Off	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
"01"	sets Re-EQ On	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
"02"	sets Academy On	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
"UP"	sets Re-EQ/Academy State	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
"QSTN"	gets The Re-EQ/Academy	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
"RAS" - Re-EQ Command																					
"00"	sets Re-EQ Off	No	No	No	Yes	Yes	Yes	Yes	No	No	Yes	No	No	Yes	Yes	No	No	Yes	Yes	No	Yes
"01"	sets Re-EQ On	No	No	No	Yes	Yes	Yes	Yes	No	No	Yes	No	No	Yes	Yes	No	No	Yes	Yes	No	Yes
"UP"	sets Re-EQ State Wrap-Arc	No	No	No	Yes	Yes	Yes	Yes	No	No	Yes	No	No	Yes	Yes	No	No	Yes	Yes	No	Yes
"QSTN"	gets The Re-EQ State	No	No	No	Yes	Yes	Yes	Yes	No	No	Yes	No	No	Yes	Yes	No	No	Yes	Yes	No	Yes
"RAS" - Cinema Filter Command																					
"00"	sets Cinema Filter Off	No	No	No	No	No	No	No	Yes	Yes	No	Yes	No	No	No	Yes	Yes	No	No	No	No
"01"	sets Cinema																				

Tuner-related Command Support List

Code	Means	TX-DS989 DTR-9.1 RDC-7	TX-DS989 DTC-9.1 RDC-7 (Ver2.0)	TX-DS787 DTR-7.1	DTR-5.2	DTR-6.2	TX-DS797 DTR-7.2	TX-DS898 DTR-8.2	DTR-5.3	DTR-6.3	TX-NR900 TX-NA900 DTR-8.3 DTR-7.3 DTC-9.4 DTC-7	DTR-5.4	DTR-6.4	TX-NR901	DTR-7.4	DTR-4.5	DTR-5.5	DTR-6.5	TX-SR702	TX- NR1000 TX- NR5000ET TX-NA1000 DTR-10.5 RDC-7.1	TX-SR703 TX-SR803 DTR-4.6 DTR-5.6 DTR-6.6 DTR-7.6
TUN - Tuning Command																					
"nnnn"	sets Directly Tuning Freq	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"UP"	sets Tuning Frequency Wrd	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"DOWN"	sets Tuning Frequency Wrd	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"GSTN"	gets The Tuning Frequency	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
The TUNER function is shared by the MAIN and ZONE side.																					
PRS - Preset Command																					
"01"-28"	sets Preset No. 1 - 40 (In H	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"01"-1E"	sets Preset No. 1 - 30 (In H	No	No	No	No	No	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No
"UP"	sets Preset No. Wrap-Around	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"DOWN"	sets Preset No. Wrap-Around	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"GSTN"	gets The Preset No.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
The TUNER function is shared by the MAIN and ZONE side.																					
RDS - RDS Information Command (RDS Model Only)																					
"00"	Display RT Information	Yes	Yes	Yes	No	No	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"01"	Display PTY Information	Yes	Yes	Yes	No	No	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"02"	Display TP Information	Yes	Yes	Yes	No	No	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"UP"	Display RDS Information W	Yes	Yes	Yes	No	No	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
PTY - PTY Scan Command (RDS Model Only)																					
"00"-1E"	sets PTY No "0 - 30" (In h	Yes	Yes	Yes	No	No	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"ENTER"	Finish PTY Scan	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
TPS - TP Scan Command (RDS Model Only)																					
"00"	Start TP Scan (When Don't	Yes	Yes	Yes	No	No	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"ENTER"	Finish TP Scan	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
XCN - XM Channel Name Info (XM Model Only)																					
"nnnnnnnnn"	XM Channel Name	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
"GSTN"	gets XM Channel Name	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
XCT - XM Category Info (XM Model Only)																					
"nnnnnnnnn"	XM Category	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
"GSTN"	gets XM Category	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
XAT - XM Artist Name Info (XM Model Only)																					
"nnnnnnnnn"	XM Artist Name	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
"GSTN"	gets XM Artist Name	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
XTI - XM Title Info (XM Model Only)																					
"nnnnnnnnn"	XM Title	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
"GSTN"	gets XM Title	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes

Net-Tune-related Command Support List

Code	Means	TX-DS989 DTR-9.1 RDC-7	TX-DS989 DTC-9.1 RDC-7 (Ver2.0)	TX-DS787 DTR-7.1	DTR-5.2	DTR-6.2	TX-DS797 DTR-7.2	TX-DS898 DTR-8.2	DTR-5.3	DTR-6.3	TX-NR900 TX-NA900 DTR-8.3 DTR-7.3 DTC-9.4 DTC-7	DTR-5.4	DTR-6.4	TX-NR901	DTR-7.4	DTR-4.5	DTR-5.5	DTR-6.5	TX-SR702	TX- NR1000 TX- NR5000ET TX-NA1000 DTR-10.5 RDC-7.1	TX-SR703 TX-SR803 DTR-4.6 DTR-5.6 DTR-6.6 DTR-7.6
NTC - Net-Tune Operation Command (Net-Tune Model Only)																					
"PLAY"	PLAY KEY	No	No	No	No	No	No	No	No	No	Yes	No	No	Yes	Yes	No	No	No	No	Yes	No
"STOP"	STOP KEY	No	No	No	No	No	No	No	No	No	Yes	No	No	Yes	Yes	No	No	No	No	Yes	No
"PAUSE"	PAUSE KEY	No	No	No	No	No	No	No	No	No	Yes	No	No	Yes	Yes	No	No	No	No	Yes	No
"TRUP"	TRACK UP KEY	No	No	No	No	No	No	No	No	No	Yes	No	No	Yes	Yes	No	No	No	No	Yes	No
"TRDN"	TRACK DOWN KEY	No	No	No	No	No	No	No	No	No	Yes	No	No	Yes	Yes	No	No	No	No	Yes	No
"FF"	FF KEY (CONTINUOUS*)	No	No	No	No	No	No	No	No	No	Yes	No	No	Yes	Yes	No	No	No	No	Yes	No
"REW"	REW KEY (CONTINUOUS)	No	No	No	No	No	No	No	No	No	Yes	No	No	Yes	Yes	No	No	No	No	Yes	No
"REPEAT"	REPEAT KEY	No	No	No	No	No	No	No	No	No	Yes	No	No	Yes	Yes	No	No	No	No	Yes	No
"RANDOM"	RANDOM KEY	No	No	No	No	No	No	No	No	No	Yes	No	No	Yes	Yes	No	No	No	No	Yes	No
"DISPLAY"	DISPLAY KEY	No	No	No	No	No	No	No	No	No	Yes	No	No	Yes	Yes	No	No	No	No	Yes	No
"ALBUM"	ALBUM KEY	No	No	No	No	No	No	No	No	No	Yes	No	No	Yes	Yes	No	No	No	No	Yes	No
"ARTIST"	ARTIST KEY	No	No	No	No	No	No	No	No	No	Yes	No	No	Yes	Yes	No	No	No	No	Yes	No
"GENRE"	GENRE KEY	No	No	No	No	No	No	No	No	No	Yes	No	No	Yes	Yes	No	No	No	No	Yes	No
"PLAYLIST"	PLAYLIST KEY	No	No	No	No	No	No	No	No	No	Yes	No	No	Yes	Yes	No	No	No	No	Yes	No
"RIGHT"	RIGHT KEY	No	No	No	No	No	No	No	No	No	Yes	No	No	Yes	Yes	No	No	No	No	Yes	No
"LEFT"	LEFT KEY	No	No	No	No	No	No	No	No	No	Yes	No	No	Yes	Yes	No	No	No	No	Yes	No
"UP"	UP KEY	No	No	No	No	No	No	No	No	No	Yes	No	No	Yes	Yes	No	No	No	No	Yes	No
"DOWN"	DOWN KEY	No	No	No	No	No	No	No	No	No	Yes	No	No	Yes	Yes	No	No	No	No	Yes	No
"SELECT"	SELECT KEY	No	No	No	No	No	No	No	No	No	Yes	No	No	Yes	Yes	No	No	No	No	Yes	No
"0"	0 KEY	No	No	No	No	No	No	No	No	No	Yes	No	No	Yes	Yes	No	No	No	No	Yes	No
"1"	1 KEY	No	No	No	No	No	No	No	No	No	Yes	No	No	Yes	Yes	No	No	No	No	Yes	No
"2"	2 KEY	No	No	No	No	No	No	No	No	No	Yes	No	No	Yes	Yes	No	No	No	No	Yes	No
"3"	3 KEY	No	No	No	No	No	No	No	No	No	Yes	No	No	Yes	Yes	No	No	No	No	Yes	No
"4"	4 KEY	No	No	No	No	No	No	No	No	No	Yes	No	No	Yes	Yes	No	No	No	No	Yes	No
"5"	5 KEY	No	No	No	No	No	No	No	No	No	Yes	No	No	Yes	Yes	No	No	No	No	Yes	No
"6"	6 KEY	No	No	No	No	No	No	No	No	No	Yes	No	No	Yes	Yes	No	No	No	No	Yes	No
"7"	7 KEY	No	No	No	No	No	No	No	No	No	Yes	No	No	Yes	Yes	No	No	No	No	Yes	No
"8"	8 KEY	No	No	No	No	No	No	No	No	No	Yes	No	No	Yes	Yes	No	No	No	No	Yes	No
"9"	9 KEY	No	No	No	No	No	No	No	No	No	Yes	No	No	Yes	Yes	No	No	No	No	Yes	No
"DELETE"	DELETE KEY	No	No	No	No	No	No	No	No	No	Yes	No	No	Yes	Yes	No	No	No	No	Yes	No
"CAPS"	CAPS KEY	No	No	No	No	No	No	No	No	No	Yes	No	No	Yes	Yes	No	No	No	No	Yes	No
"LOCATION"	LOCATION KEY	No	No	No	No	No	No	No	No	No	Yes	No	No	Yes	Yes	No	No	No	No	Yes	No
"LANGUAGE"	LANGUAGE KEY	No	No	No	No	No	No	No	No	No	Yes	No	No	Yes	Yes	No	No	No	No	Yes	No

* FF/REW Net-tune commands must be sent continuously, with no more than 100ms delay between codes

ONKYO RI System-related Command Support List (1)

Code	Means	TX-DS989 DTR-9.1 RDC-7	TX-DS989 DTC-9.1 RDC-7 (Ver2.0)	TX-DS787 DTR-7.1	DTR-5.2	DTR-6.2	TX-DS797 DTR-7.2	TX-DS898 DTR-8.2	DTR-5.3	DTR-6.3	TX-NR900 TX-NA900 DTR-8.3 DTR-7.3 DTC-9.4 DTC-7	DTR-5.4	DTR-6.4	TX-NR901	DTR-7 DTR-8.4 DTR-7.4	DTR-4.5	DTR-5.5	DTR-6.5	TX-SR702	TX- NR1000 TX- NR5000E1 TX-NA1000 RDC-7.1	TX-SR703 TX-SR803 DTR-4.6 DTR-5.6 DTR-6.6 DTR-7.6
"CCD" - CD Player Operation Command																					
"POWER"	POWER ON/OFF	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"TRACK"	TRACK+	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"PLAY"	PLAY	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"STOP"	STOP	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"PAUSE"	PAUSE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"SKIP.F"	>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"SKIP.R"	<	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"MEMORY"	MEMORY	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"CLEAR"	CLEAR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"REPEAT"	REPEAT	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"RANDOM"	RANDOM	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"DISPLAY"	DISPLAY	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"D.MODE"	D.MODE	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"FF"	FF >>	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"REW"	REW <<	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"OP/CL"	OPEN/CLOSE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"1"	1	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"2"	2	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"3"	3	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"4"	4	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"5"	5	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"6"	6	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"7"	7	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"8"	8	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"9"	9	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"0"	0	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"10"	10	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"*10"	*10	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
"D.SKIP"	DISC +	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
"DISC.F"	DISC +	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"DISC.R"	DISC -	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"DISC1"	DISC1	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"DISC2"	DISC2	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"DISC3"	DISC3	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"DISC4"	DISC4	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"DISC5"	DISC5	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"DISC6"	DISC6	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"STBY"	STANDBY	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"PON"	POWER ON	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"CT1" - TAPE1(A) Operation Command																					
"PLAY.F"	PLAY >	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"PLAY.R"	PLAY <	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"STOP"	STOP	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"RC/PAU"	REC/PAUSE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"FF"	FF >>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"REW"	REW <<	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"CT2" - TAPE2(B) Operation Command																					
"PLAY.F"	PLAY >	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"PLAY.R"	PLAY <	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"STOP"	STOP	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"RC/PAU"	REC/PAUSE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"FF"	FF >>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"REW"	REW <<	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"OP/CL"	OPEN/CLOSE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"SKIP.F"	>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"SKIP.R"	<	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"REC"	REC	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"CEQ" - Graphics Equalizer Operation Command																					
"POWER"	POWER ON/OFF	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"PRESET"	PRESET	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"CDT" - DAT Recorder Operation Command																					
"PLAY"	PLAY	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"RC/PAU"	REC/PAUSE	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"STOP"	STOP	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"SKIP.F"	>	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"SKIP.R"	<	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"FF"	FF >>	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"REW"	REW <<	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

ONKYO RI System-related Command Support List (2)

Code	Means	TX-DS989 DTR-9.1 RDC-7	TX-DS989 DTC-9.1 RDC-7 (Ver2.0)	TX-DS787 DTR-7.1	DTR-5.2	DTR-6.2	TX-DS797 DTR-7.2	TX-DS898 DTR-8.2	DTR-5.3	DTR-6.3	TX-NR900 TX-NA900 DTR-8.3 DTR-7.3 DTC-9.4 DTC-7	DTR-5.4	DTR-6.4	TX-NR901	DTX-7 DTR-8.4 DTR-7.4	DTR-4.5	DTR-5.5	DTR-6.5	TX-SR702	TX- NR1000 TX- NR5000E1 TX-NA1000 RDC-7.1	TX-SR703 TX-SR803 DTR-4.6 DTR-5.6 DTR-6.6 DTR-7.6
CDV - DVD Player Operation Command																					
"POWER"	POWER ON/OFF	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"PWON"	POWER ON	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"PWROFF"	POWER OFF	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"PLAY"	PLAY	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"STOP"	STOP	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"SKIP.F"	>>	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"SKIP.R"	<<	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"FF"	FF >>	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"REW"	REW <<	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"PAUSE"	PAUSE	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"LASTPLAY"	LAST PLAY	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"SUBT/ON/OFF"	SUBTITLE ON/OFF	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"SUBTITLE"	SUBTITLE	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"SETUP"	SETUP	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"TOPMENU"	TOPMENU	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"MENU"	MENU	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"UP"	UP	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"DOWN"	DOWN	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"LEFT"	LEFT	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"RIGHT"	RIGHT	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"ENTER"	ENTER	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"RETURN"	RETURN	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"DISC.F"	DISC +	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"DISC.R"	DISC -	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"AUDIO"	AUDIO	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"RANDOM"	RANDOM	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"OPEN/CLOSE"	OPEN/CLOSE	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"ANGLE"	ANGLE	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"1"	1	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"2"	2	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"3"	3	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"4"	4	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"5"	5	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"6"	6	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"7"	7	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"8"	8	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"9"	9	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"10"	10	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"0"	0	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"SEARCH"	SEARCH	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"DISP"	DISPLAY	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"REPEAT"	REPEAT	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"MEMORY"	MEMORY	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"CLEAR"	CLEAR	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"ABR"	A-B REPEAT	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"STEP.F"	STEP	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"STEP.R"	STEP BACK	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"SLOW.F"	SLOW	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"SLOW.R"	SLOW BACK	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"ZOOMTG"	ZOOM	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"ZOOMUP"	ZOOM UP	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"ZOOMDN"	ZOOM DOWN	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"PROGRE"	PROGRESSIVE	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"VDOFF"	VIDEO ON/OFF	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"CONMEM"	CONDITION MEMORY	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"FUNMEM"	FUNCTION MEMORY	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"DISC1"	DISC1	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"DISC2"	DISC2	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"DISC3"	DISC3	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"DISC4"	DISC4	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"DISC5"	DISC5	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"DISC6"	DISC6	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"FOLDUP"	FOLDER UP	No	No	No	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"FOLDN"	FOLDER DOWN	No	No	No	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"P.MODE"	PLAY MODE	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes

ONKYO RI System-related Command Support List (3)

Code	Means	TX-DS989 DTR-9.1 RDC-7	TX-DS989 DTC-9.1 RDC-7 (Ver2.0)	TX-DS787 DTR-7.1	DTR-5.2	DTR-6.2	TX-DS797 DTR-7.2	TX-DS898 DTR-8.2	DTR-5.3	DTR-6.3	TX-NR900 TX-NA900 DTR-8.3 DTR-7.3 DTC-9.4 DTC-7	DTR-5.4	DTR-6.4	TX-NR901	DTR-7 DTR-8.4 DTR-7.4	DTR-4.5	DTR-5.5	DTR-6.5	TX-SR702	TX- NR1000 TX- NR5000E1 TX-NA1000 DTR-10.5 RDC-7.1	TX-SR703 TX-SR803 DTR-4.6 DTR-5.6 DTR-6.6 DTR-7.6
"CMD" - MD Recorder Operation Command																					
"POWER"	POWER ON/OFF	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"PLAY"	PLAY	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"STOP"	STOP	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"FF"	FF >>	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"REW"	REW <<	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"P.MODE"	PLAY MODE	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"SKIP.F"	>>	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"SKIP.R"	<<	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"PAUSE"	PAUSE	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"REC"	REC	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"MEMORY"	MEMORY	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"DISP"	DISPLAY	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"SCROLL"	SCROLL	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"M.SCAN"	MUSIC SCAN	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"CLEAR"	CLEAR	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"RANDOM"	RANDOM	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"REPEAT"	REPEAT	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"ENTER"	ENTER	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"EJECT"	EJECT	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"1"	1	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"2"	2	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"3"	3	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"4"	4	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"5"	5	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"6"	6	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"7"	7	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"8"	8	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"9"	9	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"10/0"	10/0	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"nn/mnn"	--/--	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"NAME"	NAME	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"GROUP"	GROUP	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"STBY"	STANDBY	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"CCR" - CD-R Recorder Operation Command																					
"POWER"	POWER ON/OFF	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"P.MODE"	PLAY MODE	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"PLAY"	PLAY	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"STOP"	STOP	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"SKIP.F"	>>	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"SKIP.R"	<<	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"PAUSE"	PAUSE	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"REC"	REC	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"CLEAR"	CLEAR	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"REPEAT"	REPEAT	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"1"	1	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"2"	2	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"3"	3	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"4"	4	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"5"	5	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"6"	6	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"7"	7	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"8"	8	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"9"	9	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"10/0"	10/0	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"nn/mnn"	--/--	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"SCROLL"	SCROLL	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"OP/CL"	OPEN/CLOSE	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"DISP"	DISPLAY	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"RANDOM"	RANDOM	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"MEMORY"	MEMORY	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"FF"	FF	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"REW"	REW	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"STBY"	STANDBY	No	No	No	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Amplifier-related Command Support List

Code	Means	TX-DS989 DTR-9.1 RDC-7	TX-DS989 DTC-9.1 RDC-7 (Ver2.0)	TX-DS8787 DTR-7.1	DTR-5.2	DTR-6.2	TX-DS797 DTR-7.2	TX-DS898 DTR-8.2	DTR-6.3	TX-NR900 TX-NA900 DTR-8.3 DTR-8.3 DTC-9.4 DTC-7	DTR-5.4	DTR-6.4	TX-NR901 DTR-7 DTR-8.4 DTR-7.4	DTR-4.5	DTR-5.5	DTR-6.5	TX-SR702	TX-NR1000 TX- NR5000ET X-NA1000 DTR-10.5 RDC-7.1	TX-SR703 TX-SR803 DTR-4.6 DTR-5.6 DTR-6.6 DTR-7.6	
"ZPW" - Zone2 Power Command																				
"00"	sets Zone2 Standby	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"01"	sets Zone2 On	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"QSTN"	gets the Zone2 Power Status	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"ZMT" - Zone2 Muting Command																				
"00"	sets Zone2 Muting Off	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"01"	sets Zone2 Muting On	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"TG"	sets Zone2 Muting Wrap-Around	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"QSTN"	gets the Zone2 Muting Status	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"ZVL" - Zone2 Volume Command																				
"00"-64"	Volume Level 0 - 100 (In h	No	No	No	No	No	No	Yes(*1)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"00"-50"	Volume Level 0 - 80 (In h	No	No	No	No	Yes(*1)	No	No	No	No	No	No	No	No	No	No	No	No	No	No
"UP"	sets Volume Level Up	No	No	No	No	Yes(*1)	No	Yes(*1)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"DOWN"	sets Volume Level Down	No	No	No	No	Yes(*1)	No	Yes(*1)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"QSTN"	gets the Volume Level	No	No	No	No	Yes(*1)	No	Yes(*1)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
*1: only works when main is ON																				
"SLZ" - ZONE2 Selector Command																				
"00"	sets VIDEO1	Yes(*1)	Yes(*1)	Yes(*1)	No	Yes(*1)	Yes(*1)	Yes(*1)	Yes(*2)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"01"	sets VIDEO2	Yes(*1)	Yes(*1)	Yes(*1)	No	Yes(*1)	Yes(*1)	Yes(*1)	Yes(*2)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"02"	sets VIDEO3	Yes(*1)	Yes(*1)	Yes(*1)	No	Yes(*1)	Yes(*1)	Yes(*1)	Yes(*2)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"03"	sets VIDEO4	Yes(*1)	Yes(*1)	Yes(*1)	No	Yes(*1)	Yes(*1)	Yes(*1)	Yes(*2)	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
"04"	sets VIDEO5	Yes(*1)	Yes(*1)	Yes(*1)	No	No	Yes(*1)	Yes(*1)	No	Yes	No	No	Yes	No	No	No	No	No	Yes	No
"05"	sets VIDEO6	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
"06"	sets VIDEO7	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
"10"	sets DVD	Yes(*1)	Yes(*1)	Yes(*1)	No	Yes(*1)	Yes(*1)	Yes(*1)	Yes(*2)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"20"	sets TAPE(1)	Yes(*1)	Yes(*1)	Yes(*1)	No	Yes(*1)	Yes(*1)	Yes(*1)	Yes(*2)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"21"	sets TAPE2	Yes(*1)	Yes(*1)	Yes(*1)	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"22"	sets PHONO	Yes(*1)	Yes(*1)	Yes(*1)	No	Yes(*1)	Yes(*1)	Yes(*1)	Yes(*2)	Yes	No	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes
"23"	sets CD	Yes(*1)	Yes(*1)	Yes(*1)	No	Yes(*1)	Yes(*1)	Yes(*1)	Yes(*2)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"24"	sets FM	Yes(*1)	Yes(*1)	Yes(*1)	No	Yes(*1)	Yes(*1)	Yes(*1)	Yes(*2)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"25"	sets AM	Yes(*1)	Yes(*1)	Yes(*1)	No	Yes(*1)	Yes(*1)	Yes(*1)	Yes(*2)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"26"	sets TUNER	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"27"	sets MUSIC SERVER	No	No	No	No	No	No	No	No	Yes	No	No	Yes	No	No	No	No	No	Yes	No
"28"	sets INTERNET RADIO	No	No	No	No	No	No	No	No	Yes	No	No	Yes	No	No	No	No	No	Yes	No
"30"	sets MULTI CH	No	No	No	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes
"31"	sets XM	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
"7F"	sets OFF	Yes(*1)	Yes(*1)	Yes(*1)	No	Yes(*1)	Yes(*1)	Yes(*1)	Yes(*2)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"80"	sets SOURCE	Yes(*1)	Yes(*1)	Yes(*1)	No	Yes(*1)	Yes(*1)	Yes(*1)	Yes(*2)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"QSTN"	gets The Selector Position	Yes(*1)	Yes(*1)	Yes(*1)	No	Yes(*1)	Yes(*1)	Yes(*1)	Yes(*2)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
*1: only works when main is ON																				
*2: Command Character is "ZSL"																				
"TUN" - Tuning Command																				
"nnnn"	sets Directly Tuning Freq	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"UP"	sets Tuning Frequency Wra	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"DOWN"	sets Tuning Frequency Wra	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"QSTN"	gets The Tuning Frequency	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
The TUNER function is shared by the MAIN and ZONE side.																				
"PRS" - Preset Command																				
"01"-28"	sets Preset No. 1 - 40 (In f	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"01"-1E"	sets Preset No. 1 - 30 (In f	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
"UP"	sets Preset No. Wrap-Arou	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"DOWN"	sets Preset No. Wrap-Arou	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
"QSTN"	gets The Preset No.	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
The TUNER function is shared by the MAIN and ZONE side.																				
"NTC" - Net-Tune Operation Command(Net-Tune Model Only)																				
"PLAYz"	PLAY KEY	No	No	No	No	No	No	No	Yes	No	No	Yes	No	No	No	No	No	No	Yes	No
"STOPz"	STOP KEY	No	No	No	No	No	No	No	Yes	No	No	Yes	No	No	No	No	No	No	Yes	No
"PAUSEz"	PAUSE KEY	No	No	No	No	No	No	No	Yes	No	No	Yes	No	No	No	No	No	No	Yes	No
"TRUPz"	TRACK UP KEY	No	No	No	No	No	No	No	Yes	No	No	Yes	No	No	No	No	No	No	Yes	No
"TRDNz"	TRACK DOWN KEY	No	No	No	No	No	No	No	Yes	No	No	Yes	No	No	No	No	No	No	Yes	No
"LMZ" - Listening Mode Command																				
"00"	sets STEREO	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"01"	sets DIRECT	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
"0E"	sets MONO	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
"12"	sets MULTIPLEX	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
"87"	sets DVS(PI2)	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
"88"	sets DVS(NEO6)	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
"LTZ" - Late Night Command																				
"00"	sets Late Night Off	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
"01"	sets Late Night Low	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
"02"	sets Late Night High	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
"UP"	sets Late Night State Wrap	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
"QSTN"	gets The Late Night Level	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
"RAZ" - Re-EQ/Academy Filter Command																				
"00"	sets Both Off	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"01"	sets Re-EQ On	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
"02"	sets Academy On	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
"UP"	sets Re-EQ/Academy State	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
"QSTN"	gets The Re-EQ/Academy	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes

Amplifier-related Command Support List

Code	Means	TX-DS989 DTR-9.1 RDC-7	TX-DS989 DTC-9.1 RDC-7 (Ver2.0)	TX-DS787 DTR-7.1	DTR-5.2	DTR-6.2	TX-DS797 DTR-7.2	TX-DS898 DTR-8.2	DTR-5.3	TX-NR900 TX-NA900 DTR-8.3 DTR-7.3 DTC-9.4 DTC-7	DTR-5.4	DTR-6.4	TX-NR901 DTR-7 DTR-8.4 DTR-7.4	DTR-4.5	DTR-5.5	DTR-6.5	TX-SR702	TX-NR1000 TX- NR5000ET X-NA1000 DTR-10.5 RDC-7.1	TX-SR703 TX-SR803 DTR-4.6 DTR-5.6 DTR-6.6 DTR-7.6	
"PW3" - Zone3 Power Command																				
"00"	sets Zone3 Standby	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"01"	sets Zone3 On	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"QSTN"	gets the Zone3 Power Status	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"MT3" - Zone3 Muting Command																				
"00"	sets Zone3 Muting Off	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"01"	sets Zone3 Muting On	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"TG"	sets Zone3 Muting Wrap-Around	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"QSTN"	gets the Zone3 Muting Status	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"VL3" - Zone3 Volume Command																				
"00"-"64"	Volume Level 0 - 100 (In h	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"00"-"50"	Volume Level 0 - 80 (In h	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
"UP"	sets Volume Level Up	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"DOWN"	sets Volume Level Down	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"QSTN"	gets the Volume Level	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"SL3" - ZONE3 Selector Command																				
"00"	sets VIDEO1	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"01"	sets VIDEO2	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"02"	sets VIDEO3	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"03"	sets VIDEO4	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"04"	sets VIDEO5	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"05"	sets VIDEO6	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"06"	sets VIDEO7	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"10"	sets DVD	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"20"	sets TAPE(1)	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"21"	sets TAPE2	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"22"	sets PHONO	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"23"	sets CD	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"24"	sets FM	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"25"	sets AM	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"26"	sets TUNER	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"27"	sets MUSIC SERVER	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"28"	sets INTERNET RADIO	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"30"	sets MULTI CH	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
"80"	sets SOURCE	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"QSTN"	gets The Selector Position	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"TUN" - Tuning Command																				
"nnnn"	sets Directly Tuning Freq	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"UP"	sets Tuning Frequency Wra	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"DOWN"	sets Tuning Frequency Wra	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"QSTN"	gets The Tuning Frequency	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
The TUNER function is shared by the MAIN and ZONE side.																				
"PRS" - Preset Command																				
"01"-"28"	sets Preset No. 1 - 40 (In h	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"01"-"1E"	sets Preset No. 1 - 30 (In h	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
"UP"	sets Preset No. Wrap-Arou	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"DOWN"	sets Preset No. Wrap-Arou	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"QSTN"	gets The Preset No.	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
The TUNER function is shared by the MAIN and ZONE side.																				
"NTC" - Net-Tune Operation Command(Net-Tune Model Only)																				
"PLAY2"	PLAY KEY	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"STOP2"	STOP KEY	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"PAUSE2"	PAUSE KEY	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"TRUP2"	TRACK UP KEY	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No
"TRDN2"	TRACK DOWN KEY	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No