

RSX 1057

1 Byte waveform format

Baud Rate	Parity	Valid data bits	Stop bit value	Handshaking	Data type
19200	n	8	1	none	string

1. RSX1057 -> PC

Display data

Start	Count	ID	Type	Data					Chk	
0xfe	0x17	0xc7	0x20	char1	...	char13	flag1	...	flag8	xx

char1~13
ASCII Characters

flag1:	flag2:	flag3:	flag4:
bit7	bit7	bit7	bit7
bit6 char7_dot	bit6 char8_colon	bit6 Coaxial	bit6 RBDS
bit5 char6_dot	bit5 char13_dot	bit5 1	bit5 RDS
bit4 char5_dot	bit4 char12_dot	bit4 2	bit5 RT
bit3 char4_dot	bit3 char11_dot	bit3 3	bit4 TP
bit2 char3_dot	bit2 char10_dot	bit2 4	bit3 TA
bit1 char2_dot	bit1 char9_dot	bit1 Multi	bit2 PTY
bit0 char1_dot	bit0 char8_dot	bit0 Tapem	bit1 Stereo (Tuner)
			bit0 Tuned

flag5:	flag6:	flag7:	flag8:
bit7	bit7	bit7	bit7
bit6 Dolby Digital	bit6 Preset	bit6 MPEG	bit7 FL
bit5 Dolby Pro Logic	bit6 Memory	bit6 dts	bit6 C
bit4 Dolby Pro Logic II	bit5 Auto	bit5 dts ES	bit5 FR
bit3 Dolby 3 Stereo	bit4 OSD	bit4 THX	bit4 SL
bit2 HDCD	bit3 Stby_LED	bit3 Sur	bit3 SR
bit1 DSP	bit2	bit2 EX	bit2 LFE
bit0 Dynamic Range	bit1 Disp Mode0	bit1 SBL	bit1 S
	bit0 Disp Mode1	bit0 SBR	bit0 CB

	Normal	FL off
display mode1	0	1
display mode0	0	0

2. PC -> RSX1057

Start	Count	ID	Type	Key	Chk
0xfe	0x03	0xc7	0x10	xx	xx

key:		key:		key:		key:		key:	
0x00	RMC Vol+	0x10	Contour LF-	0x20	Tune / Preset	0x30	7	0x40	
0x01	RMC Vol-	0x11	Stereo	0x21	Preset Scan	0x31	8	0x41	
0x02	CD	0x12	3 Stereo	0x22	Surround+	0x32	9	0x42	
0x03	Tuner	0x13	Pro Logic	0x23	Zone	0x33	0	0x43	
0x04	Tape	0x14	DSP	0x24	Band	0x34		0x44	RDS Display
0x05	Video1	0x15	5.1CH[Multi Input]	0x25	Freq. Direct	0x35		0x45	PTY
0x06	Video2	0x16	Dynamic	0x26	Mono	0x36		0x46	TP
0x07	Video3	0x17	Rec	0x27	Memory / Enter	0x37		0x47	TA
0x08	Video4	0x18	OSD Menu	0x28	Tuning+	0x38		0x48	
0x09	Video5	0x19	OSD Enter	0x29	Tuning-	0x39		0x49	
0x0a	Power	0x1a	OSD Right(+)	0x2a	1	0x3a		0x4a	Power Off
0x0b	Vol+	0x1b	OSD Left(-)	0x2b	2	0x3b		0x4b	Power On
0x0c	Vol-	0x1c	OSD Up/Trim Sel	0x2c	3	0x3c		0x4c	C
0x0d	Contour HF+	0x1d	OSD Down/Dynamic	0x2d	4	0x3d		0x4d	S
0x0e	Contour HF-	0x1e	Mute	0x2e	5	0x3e		0x4e	R
0x0f	Contour LF+	0x1f	Digital In Select	0x2f	6	0x3f		0x4f	Filter (EQ)

key:		key:		key:	
0x50		0x60	Neo:6 Music	0x70	Preset Down
0x51		0x61	Neo:6 Cinema	0x71	
0x52	Display On/Off	0x62	PLII Music Panorama on/off toggle	0x72	Frequency Up
0x53	PLII / 3 Stereo	0x63	PLII Music Dimension_up [0~6]	0x73	Frequency Down
0x54	dts Neo:6	0x64	PLII Music Dimension_down [0~6]	0x74	PLII Game
0x55	FM	0x65	PLII Music CenterWidth_up [0~7]	0x75	
0x56	AM	0x66	PLII Music CenterWidth_down [0~7]	0x76	
0x57	Music 1	0x67	Tone	0x77	
0x58	Music 2	0x68	DD EX / XS on/off	0x78	
0x59	Music 3	0x69	Tuning select	0x79	
0x5a	Music 4	0x6a	Preset select	0x7a	
0x5b	5 Ch Stereo	0x6b	Source	0x7b	
0x5c	7 Ch Stereo	0x6c	Mute On	0x7c	
0x5d	PLII Cinema	0x6d	Mute Off	0x7d	
0x5e	PLII Music	0x6e		0x7e	
0x5f	Dolby Pro Logic	0x6f	Preset Up	0x7f	NULL key
				0xff	Display Refresh

3. PC -> RSX1057 (Direct Select Main Zone)

Start	Count	ID	Type	Key	Chk
0xfe	0x03	0xc7	0x14	xx	xx

key:		key:	
0x00	RMC Vol+	0x1e	Mute
0x01	RMC Vol-		
0x02	CD	0x6c	Mute On
0x03	Tuner	0x6d	Mute Off
0x04	Tape		
0x05	Video1		
0x06	Video2		
0x07	Video3		
0x08	Video4		
0x09	Video5		
0x0a	Power		

4. PC -> RSX1057 (Direct Select Record Source)

Start	Count	ID	Type	Key	Chk
0xfe	0x03	0xc7	0x15	xx	xx

key:		key:	
0x02	CD	0x6b	Source
0x03	Tuner		
0x04	Tape		
0x05	Video1		
0x06	Video2		
0x07	Video3		
0x08	Video4		
0x09	Video5		

5. PC -> RSX1057 (Direct Select Zone 2)

Start	Count	ID	Type	Key	Chk
0xfe	0x03	0xc7	0x16	xx	xx

key:		key:		key:		key:	
0x00	RMC Vol+	0x20	Tune/Preset	0x2a	1	0x4a	Zone Power Off
0x01	RMC Vol-	0x21	Preset Scan	0x2b	2	0x4b	Zone Power On
0x02	CD	0x22		0x2c	3	0x55	FM
0x03	Tuner	0x23		0x2d	4	0x56	AM
0x04	Tape	0x24	Band	0x2e	5	0x69	Tune
0x05	Video1	0x25		0x2f	6	0x6a	Preset
0x06	Video2	0x26	Mono	0x30	7	0x6b	Source
0x07	Video3	0x27		0x31	8	0x6c	Mute On
0x08	Video4	0x28	Tune+	0x32	9	0x6d	Mute Off
0x09	Video5	0x29	Tune-	0x33	0		
0x0a	Zone Power					0x1e	Mute

6. PC -> RSX1057 (Volume Direct)

Start	Count	ID	Type	Key	Chk
0xfe	0x03	0xc7	0x30	xx	xx

key:		key:	
0x00	volume min	0x10	volume 16
0x01	volume 1		
0x02	volume 2	0x20	volume 32
0x03	volume 3		
0x04	volume 4	0x30	volume 48
0x05	volume 5		
0x06	volume 6	0x40	volume 64
0x07	volume 7		
0x08	volume 8	0x50	volume 80
0x09	volume 9		
0x0a	volume 10	0x5f	volume 95
0x0b	volume 11	0x60	volume max
0x0c	volume 12		
0x0d	volume 13		
0x0e	volume 14		
0x0f	volume 15		

7. PC -> RSX1057 (Volume Direct Zone 2)

Start	Count	ID	Type	Key	Chk
0xfe	0x03	0xc7	0x32	xx	xx

key:		key:	
0x00	volume min	0x10	volume 16
0x01	volume 1		
0x02	volume 2	0x20	volume 32
0x03	volume 3		
0x04	volume 4	0x30	volume 48
0x05	volume 5		
0x06	volume 6	0x40	volume 64
0x07	volume 7		
0x08	volume 8	0x50	volume 80
0x09	volume 9		
0x0a	volume 10	0x59	volume 89
0x0b	volume 11	0x5a	volume max
0x0c	volume 12		
0x0d	volume 13		
0x0e	volume 14		
0x0f	volume 15		

RSX 1057 RS232 Controller Command List

Table: RSX 1057 Waveform format expected:

Baud Rate	Parity	Valid Data Bits	Stop Bit Value	Handshaking	Data Type
19200	N	8	1	None	String

Table: RSX 1057 expected format of a request by RS232 controller:

Start	Count	Device ID	Type	Key	Checksum
0xFE	0x03	0xC7	0x10	0xFF	0xFF

Table 1: Type 10 Primary Command List

NOTE: The values in the table below show the exact byte sequence of all requests. The device will expect the bytes only - no spaces, no delimiter, etc. The controlling device may implement its own method to download each command sequence. The numerical values in the first column are Hexadecimal.

RSX 1057 HEX	Command	Command Description
FE 03 C7 10 00 DA	RMC Vol+	Remote Volume Up
FE 03 C7 10 01 DB	RMC Vol-	Remote Volume Down
FE 03 C7 10 02 DC	CD	Source CD
FE 03 C7 10 03 DD	Tuner	Source Tuner
FE 03 C7 10 04 DE	Tape	Source Tape
FE 03 C7 10 05 DF	Video 1	Source Video 1
FE 03 C7 10 06 E0	Video 2	Source Video 2
FE 03 C7 10 07 E1	Video 3	Source Video 3
FE 03 C7 10 08 E2	Video 4	Source Video 4
FE 03 C7 10 09 E3	Video 5	Source Video 5
FE 03 C7 10 0A E4	Power	Power Toggle
FE 03 C7 10 0B E5	Vol+	Volume Up
FE 03 C7 10 0C E6	Vol-	Volume Down
FE 03 C7 10 0D E7	Treble+	Treble Up
FE 03 C7 10 0E E8	Treble-	Treble Down
FE 03 C7 10 0F E9	Bass+	Bass Up
FE 03 C7 10 10 EA	Bass-	Bass Down
FE 03 C7 10 11 EB	Stereo	DSP Stereo
FE 03 C7 10 12 EC	3 Stereo	DSP Dolby 3 Stereo
FE 03 C7 10 13 ED	Pro Logic	DSP Pro Logic
FE 03 C7 10 14 EE	DSP	DSP Music
FE 03 C7 10 15 EF	Multi	Multi Input
FE 03 C7 10 16 F0	Dynamic	Dynamic Range
FE 03 C7 10 17 F1	Rec	Record
FE 03 C7 10 18 F2	OSD Menu	OSD Menu
FE 03 C7 10 19 F3	OSD Enter	OSD Enter
FE 03 C7 10 1A F4	OSD Right (+)	OSD Right
FE 03 C7 10 1B F5	OSD Left (-)	OSD Left
FE 03 C7 10 1C F6	OSD Up	OSD Up

RSX 1057 HEX	Command	Command Description
FE 03 C7 10 1D F7	OSD Down / Dynamic	OSD Down / Dynamic
FE 03 C7 10 1E F8	Mute	Mute
FE 03 C7 10 1F F9	Digital In Select	Digital Input Select
FE 03 C7 10 20 FA	Tune / Preset	Tune / Preset Toggle
FE 03 C7 10 21 FB	Preset Scan	Preset Scan
FE 03 C7 10 22 FC	Surround+	Next Surround Mode
FE 03 C7 10 23 FD	Zone 2 / Main	Zone
FE 03 C7 10 24 FE	Band	Tuner Band
FE 03 C7 10 25 FF	Freq. Direct	Tuner Frequency Direct
FE 03 C7 10 26 00	FM Mono	Tuner FM Mono
FE 03 C7 10 27 01	Memory / Enter	Tuner Memory Enter
FE 03 C7 10 28 02	Tuning+	Tuner Up
FE 03 C7 10 29 03	Tuning-	Tuner Down
FE 03 C7 10 2A 04	1	1
FE 03 C7 10 2B 05	2	2
FE 03 C7 10 2C 06	3	3
FE 03 C7 10 2D 07	4	4
FE 03 C7 10 2E 08	5	5
FE 03 C7 10 2F 09	6	6
FE 03 C7 10 30 0A	7	7
FE 03 C7 10 31 0B	8	8
FE 03 C7 10 32 0C	9	9
FE 03 C7 10 33 0D	0	0
FE 03 C7 10 44 1E	Display	Tuner Display
FE 03 C7 10 45 1F	PTY	RDS PTY
FE 03 C7 10 46 20	TP	RDS TP
FE 03 C7 10 47 21	TA	RDS TA
FE 03 C7 10 4A 24	Power Off	Power Off
FE 03 C7 10 4B 25	Power On	Power On
FE 03 C7 10 4C 26	C	Center
FE 03 C7 10 4D 27	S	Subwoofer
FE 03 C7 10 4E 28	R	Surround
FE 03 C7 10 4F 29	Filter (EQ)	Cinema EQ
FE 03 C7 10 52 2C	FL On / Off	FL Display Toggle
FE 03 C7 10 53 2D	Pro Logic / 3 Stereo	Dolby 3 Stereo
FE 03 C7 10 54 2E	dts Neo:6	dts Neo:6
FE 03 C7 10 55 2F	FM	FM
FE 03 C7 10 56 30	AM	AM
FE 03 C7 10 57 31	Music 1	Music 1
FE 03 C7 10 58 32	Music 2	Music 2
FE 03 C7 10 59 33	Music 3	Music 3
FE 03 C7 10 5A 34	Music 4	Music 4
FE 03 C7 10 5B 35	5Ch Stereo	5Ch Stereo
FE 03 C7 10 5C 36	7Ch Stereo	7Ch Stereo
FE 03 C7 10 5D 37	PLII Cinema	Dolby PLII Cinema
FE 03 C7 10 5E 38	PLII Music	Dolby PLII Music
FE 03 C7 10 5F 39	Pro Logic	Dolby Pro Logic
FE 03 C7 10 60 3A	dts Neo:6 Music	dts Neo:6 Music

RSX 1057 HEX	Command	Command Description
FE 03 C7 10 61 3B	dts Neo:6 Cinema	dts Neo:6 Cinema
FE 03 C7 10 62 3C	PLII Panorama	PLII Panorama
FE 03 C7 10 63 3D	PLII Dimension Up	PLII Dimension Up
FE 03 C7 10 64 3E	PLII Dimension Down	PLII Dimension Down
FE 03 C7 10 65 3F	PLII Center Width Up	PLII Center Width Up
FE 03 C7 10 66 40	PLII Center Width Down	PLII Center Width Down
FE 03 C7 10 67 41	Shift (Treble Bass)	Tone Controls
FE 03 C7 10 68 42	DD EX On/Off	DD EX On/Off
FE 03 C7 10 69 43	Tuning Select	Discrete Tune Select
FE 03 C7 10 6A 44	Preset Select	Discrete Preset Select
FE 03 C7 10 6F 49	Preset Up	Tuner Preset Up
FE 03 C7 10 70 4A	Preset Down	Tuner Preset Down
FE 03 C7 10 72 4C	Frequency Up	Tuner Frequency Up
FE 03 C7 10 73 4D	Frequency Down	Tuner Frequency Down
FE 03 C7 10 74 4E	PLII Game	Dolby PLII Game
FE 03 C7 10 FF D9	Display Refresh	Display Refresh

Table 1A: Commands sent with exceptions or modifications required

RSX 1057 HEX	Command Expected	Command
FE 03 C7 10 23 FD	FE 03 C7 10 23 FD 00	Zone 2 / Main
FE 03 C7 10 24 FE	FE 03 C7 10 24 FD 01	Band

The table above list commands with exceptions. To keep the RSX 1057 from encountering the start byte FE in any position other than as the start byte, any occurrence of the bytes FE or FD in the command string must be converted to either FD 00 (for FD) or FD 01 (for FE). This will allow the string to pass while masking any occurrence of the byte FE except as the start byte.

Table 2: Type 14 Main Zone Command List

NOTE: These commands are duplicate functions of the primary commands in the table above bearing the same name, but are discrete for the main zone only. For multi-zone installation applications, it is recommended that the below commands be used rather than the type 10 commands to avoid zone conflicts.

RSX 1057 HEX	Command	Command Description
FE 03 C7 14 00 DE	RMC Vol+	Remote Volume Up
FE 03 C7 14 01 DF	RMC Vol-	Remote Volume Down
FE 03 C7 14 02 E0	Main CD	Main Zone Source CD
FE 03 C7 14 03 E1	Main Tuner	Main Zone Source Tuner
FE 03 C7 14 04 E2	Main Tape	Main Zone Source Tape
FE 03 C7 14 05 E3	Main Video 1	Main Zone Source Video 1
FE 03 C7 14 06 E4	Main Video 2	Main Zone Source Video 2
FE 03 C7 14 07 E5	Main Video 3	Main Zone Source Video 3
FE 03 C7 14 08 E6	Main Video 4	Main Zone Source Video 4
FE 03 C7 14 09 E7	Main Video 5	Main Zone Source Video 5
FE 03 C7 14 0A E8	Main Power	Main Zone Power Toggle
FE 03 C7 14 1E FC	Main Mute	Main Zone Mute
FE 03 C7 14 6C 4A	Main Mute On	Main Zone Mute On
FE 03 C7 14 6D 4B	Main Mute Off	Main Zone Mute Off

Table 3: Type 15 Record Source Command List

RSX 1057 HEX	Command	Command Description
FE 03 C7 15 02 E1	Record CD	Record Source CD
FE 03 C7 15 03 E2	Record Tuner	Record Source Tuner
FE 03 C7 15 04 E3	Record Tape	Record Source Tape
FE 03 C7 15 05 E4	Record Video 1	Record Source Video 1
FE 03 C7 15 06 E5	Record Video 2	Record Source Video 2
FE 03 C7 15 07 E6	Record Video 3	Record Source Video 3
FE 03 C7 15 08 E7	Record Video 4	Record Source Video 4
FE 03 C7 15 09 E8	Record Video 5	Record Source Video 5
FE 03 C7 15 6B 4A	Record Source	Record Source

Table 4: Type 16 Zone 2 Command List

RSX 1057 HEX	Command	Command Description
FE 03 C7 16 00 E0	Vol+	Zone 2 Volume Up
FE 03 C7 16 01 E1	Vol-	Zone 2 Volume Down
FE 03 C7 16 02 E2	Zone 2 CD	Zone 2 Source CD
FE 03 C7 16 03 E3	Zone 2 Tuner	Zone 2 Source Tuner
FE 03 C7 16 04 E4	Zone 2 Tape	Zone 2 Source Tape
FE 03 C7 16 05 E5	Zone 2 Video 1	Zone 2 Source Video 1
FE 03 C7 16 06 E6	Zone 2 Video 2	Zone 2 Source Video 2
FE 03 C7 16 07 E7	Zone 2 Video 3	Zone 2 Source Video 3
FE 03 C7 16 08 E8	Zone 2 Video 4	Zone 2 Source Video 4
FE 03 C7 16 09 E9	Zone 2 Video 5	Zone 2 Source Video 5
FE 03 C7 16 0A EA	Zone 2 Power	Zone 2 Power Toggle
FE 03 C7 16 1E FE	Zone 2 Mute	Zone 2 Mute
FE 03 C7 16 20 00	Zone 2 Tune / Preset	Zone 2 Tune / Preset Toggle
FE 03 C7 16 21 01	Zone 2 Preset Scan	Zone 2 Preset Scan
FE 03 C7 16 24 04	Zone 2 Band	Zone 2 Band
FE 03 C7 16 26 06	Zone 2 FM Mono	Zone 2 FM Mono
FE 03 C7 16 28 08	Zone 2 Tune Up	Zone 2 Tune Up
FE 03 C7 16 29 09	Zone 2 Tune Down	Zone 2 Tune Down
FE 03 C7 16 2A 0A	Zone 2 Preset 1	Zone 2 Preset 1
FE 03 C7 16 2B 0B	Zone 2 Preset 2	Zone 2 Preset 2
FE 03 C7 16 2C 0C	Zone 2 Preset 3	Zone 2 Preset 3
FE 03 C7 16 2D 0D	Zone 2 Preset 4	Zone 2 Preset 4
FE 03 C7 16 2E 0E	Zone 2 Preset 5	Zone 2 Preset 5
FE 03 C7 16 2F 0F	Zone 2 Preset 6	Zone 2 Preset 6
FE 03 C7 16 30 10	Zone 2 Preset 7	Zone 2 Preset 7
FE 03 C7 16 31 11	Zone 2 Preset 8	Zone 2 Preset 8
FE 03 C7 16 32 12	Zone 2 Preset 9	Zone 2 Preset 9
FE 03 C7 16 33 13	Zone 2 Preset 0	Zone 2 Preset 0
FE 03 C7 16 4A 2A	Zone 2 Power Off	Zone 2 Power Off
FE 03 C7 16 4B 2B	Zone 2 Power On	Zone 2 Power On
FE 03 C7 16 55 35	Zone 2 FM	Zone 2 Tuner FM
FE 03 C7 16 56 36	Zone 2 AM	Zone 2 Tuner AM

RSX 1057 HEX	Command Expected	Command
FE 03 C7 16 69 49	Zone 2 Tune	Zone 2 Tuner Manual Tune Mode
FE 03 C7 16 6A 4A	Zone 2 Preset	Zone 2 Tuner Preset Mode
FE 03 C7 16 6B 4B	Zone 2 Source	Zone 2 Follow Main Source
FE 03 C7 16 6C 4C	Zone 2 Mute On	Zone 2 Mute On
FE 03 C7 16 6D 4D	Zone 2 Mute Off	Zone 2 Mute Off

Table 4A: Commands sent with exceptions or modifications required

RSX 1057 HEX	Command Expected	Command
FE 03 C7 16 1E FE	FE 03 C7 16 1E FD 01	Zone 2 Mute

The table above list commands with exceptions. To keep the RSX 1057 from encountering the start byte FE in any position other than as the start byte, any occurrence of the bytes FE or FD in the command string must be converted to either FD 00 (for FD) or FD 01 (for FE). This will allow the string to pass while masking any occurrence of the byte FE except as the start byte.

Table 5: Type 30 Volume Direct Command List

RSX 1057 HEX	Command	Command Description
FE 03 C7 30 00 FA	Volume Min	Volume Min
FE 03 C7 30 01 FB	Volume 1	Volume 1
FE 03 C7 30 02 FC	Volume 2	Volume 2
FE 03 C7 30 03 FD	Volume 3	Volume 3
FE 03 C7 30 04 FE	Volume 4	Volume 4
FE 03 C7 30 05 FF	Volume 5	Volume 5
FE 03 C7 30 06 00	Volume 6	Volume 6
FE 03 C7 30 07 01	Volume 7	Volume 7
FE 03 C7 30 08 02	Volume 8	Volume 8
FE 03 C7 30 09 03	Volume 9	Volume 9
FE 03 C7 30 0A 04	Volume 10	Volume 10
FE 03 C7 30 0B 05	Volume 11	Volume 11
FE 03 C7 30 0C 06	Volume 12	Volume 12
FE 03 C7 30 0D 07	Volume 13	Volume 13
FE 03 C7 30 0E 08	Volume 14	Volume 14
FE 03 C7 30 0F 09	Volume 15	Volume 15
FE 03 C7 30 10 0A	Volume 16	Volume 16
FE 03 C7 30 20 1A	Volume 32	Volume 32
FE 03 C7 30 30 2A	Volume 48	Volume 48
FE 03 C7 30 40 3A	Volume 64	Volume 64
FE 03 C7 30 50 4A	Volume 80	Volume 80
FE 03 C7 30 5F 59	Volume 95	Volume 95
FE 03 C7 30 60 5A	Volume Max	Volume Max

Table 5A: Commands Sent with exceptions or modifications required

RSX 1057 HEX	Command Expected	Command
FE 03 C7 30 03 FD	FE 03 C7 30 03 FD 00	Volume 3
FE 03 C7 30 04 FE	FE 03 C7 30 03 FD 01	Volume 4

The table above list commands with exceptions. To keep the RSX 1057 from encountering the start byte FE in any position other than as the start byte, any occurrence of the bytes FE or FD in the command string must be converted to either FD 00 (for FD) or FD 01 (for FE). This will allow the string to pass while masking any occurrence of the byte FE except as the start byte.

Table 6: Type 32 Zone 2 Volume Direct Command List

RSX 1057 HEX	Command	Command Description
FE 03 C7 32 00 FC	Zone 2 Volume Min	Zone 2 Volume Min
FE 03 C7 32 01 FD	Zone 2 Volume 1	Zone 2 Volume 1
FE 03 C7 32 02 FE	Zone 2 Volume 2	Zone 2 Volume 2
FE 03 C7 32 03 FF	Zone 2 Volume 3	Zone 2 Volume 3
FE 03 C7 32 04 00	Zone 2 Volume 4	Zone 2 Volume 4
FE 03 C7 32 05 01	Zone 2 Volume 5	Zone 2 Volume 5
FE 03 C7 32 06 02	Zone 2 Volume 6	Zone 2 Volume 6
FE 03 C7 32 07 03	Zone 2 Volume 7	Zone 2 Volume 7
FE 03 C7 32 08 04	Zone 2 Volume 8	Zone 2 Volume 8
FE 03 C7 32 09 05	Zone 2 Volume 9	Zone 2 Volume 9
FE 03 C7 32 0A 06	Zone 2 Volume 10	Zone 2 Volume 10
FE 03 C7 32 0B 07	Zone 2 Volume 11	Zone 2 Volume 11
FE 03 C7 32 0C 08	Zone 2 Volume 12	Zone 2 Volume 12
FE 03 C7 32 0D 09	Zone 2 Volume 13	Zone 2 Volume 13
FE 03 C7 32 0E 0A	Zone 2 Volume 14	Zone 2 Volume 14
FE 03 C7 32 0F 0B	Zone 2 Volume 15	Zone 2 Volume 15
FE 03 C7 32 10 0C	Zone 2 Volume 16	Zone 2 Volume 16
FE 03 C7 32 20 1C	Zone 2 Volume 32	Zone 2 Volume 32
FE 03 C7 32 30 2C	Zone 2 Volume 48	Zone 2 Volume 48
FE 03 C7 32 40 3C	Zone 2 Volume 64	Zone 2 Volume 64
FE 03 C7 32 50 4C	Zone 2 Volume 80	Zone 2 Volume 80
FE 03 C7 32 5F 55	Zone 2 Volume 89	Zone 2 Volume 89
FE 03 C7 32 60 56	Zone 2 Volume Max	Zone 2 Volume Max

Table 6A: Commands Sent with exceptions or modifications required

RSX 1057 HEX	Command Expected	Command
FE 03 C7 32 01 FD	FE 03 C7 32 01 FD 00	Zone 2 Volume 1
FE 03 C7 32 02 FE	FE 03 C7 03 01 FD 01	Zone 2 Volume 2

The table above list commands with exceptions. To keep the RSX 1057 from encountering the start byte FE in any position other than as the start byte, any occurrence of the bytes FE or FD in the command string must be converted to either FD 00 (for FD) or FD 01 (for FE). This will allow the string to pass while masking any occurrence of the byte FE except as the start byte.