

## RSX 1067

### 1 Byte waveform format

Baud Rate	Parity	bits	value	Handshaking	Data type
19200	n	8	1	none	string

### 1. RSX1067 -> PC

#### Display data

Start	Count	ID	Type	Data						Chk
0xfe	0x31	0xc4	0x20	char1	...	char42	flag1	...	flag5	xx

char1~42  
ASCII Characters

#### flag1:

bit7	Optical
bit6	Coaxial
bit5	[1]
bit4	[2]
bit3	[3]
bit2	[4]
bit1	[5]
bit0	[A]

#### flag2:

bit7	Dolby Digital
bit6	Dolby Pro Logic
bit5	dts
bit4	THX
bit3	EX
bit2	DSP
bit1	"0"
bit0	"0"

#### flag3:

bit7	PRESET
bit6	RDS
bit5	Stereo (Tuner)
bit4	Tuned
bit3	Standby LED
bit2	"0"
bit1	display mode1
bit0	display mode0

#### flag4:

bit7	Zone
bit6	"5.1"
bit5	"7.1"
bit4	">"
bit3	"<"
bit2	"0"
bit1	"0"
bit0	"sb"

#### flag5:

bit7	"FL"
bit6	"C"
bit5	"FR"
bit4	"SL"
bit3	"SR"
bit2	"SW"
bit1	"CBR"
bit0	"CBL"

	Normal	FL off
display mode1	0	1
display mode0	0	0

## 2. PC -> RSX1067

Start	Count	ID	Type	Key	Chk
0xfe	0x03	0xc4	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/Dynam	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	Neo6 Music	0x70	
0x51		0x61	Neo6 Cinema	0x71	
0x52	Display On/Off	0x62	PLII Panorama on/off	0x72	
0x53	ProLogic/3Stereo	0x63	PLII Dimension Up [0-6]	0x73	
0x54	dts Neo:6	0x64	PL II Dimension Down [0-6]	0x74	PLII Game
0x55	FM	0x65	PLII Center Width Up [0-7]	0x75	
0x56	AM	0x66	PLII Center Width Down [0-7]	0x76	
0x57	Music1	0x67	Tone	0x77	
0x58	Music2	0x68	DD EX or XS On/Off	0x78	
0x59	Music3	0x69	Tuning Select	0x79	
0x5a	Music4	0x6a	Preset Select	0x7a	
0x5b	5Ch Stereo	0x6b	Source	0x7b	
0x5c	7Ch Stereo	0x6c	Mute On	0x7c	
0x5d	PLII Cinema	0x6d	Mute Off	0x7d	
0x5e	PLII Music			0x7e	
0x5f	Dolby Pro Logic			0xff	Refresh

### 3. PC -> RSX1067 (Direct Select Main Zone)

Start	Count	ID	Type	Key	Chk
0xfe	0x03	0xc4	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 -> RSX1067 (Direct Select Record Source)

Start	Count	ID	Type	Key	Chk
0xfe	0x03	0xc4	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 -> RSX1067 (Direct Select Zone 2)

Start	Count	ID	Type	Key	Chk
0xfe	0x03	0xc4	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 -> RSX1067 (Volume Direct)

Start	Count	ID	Type	Key	Chk
0xfe	0x03	0xc4	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 -> RSX1067 (Volume Direct Zone 2)

Start	Count	ID	Type	Key	Chk
0xfe	0x03	0xc4	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 1067 RS232 Controller Command List

**Table: RSX 1067 Waveform format expected:**

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

**Table: RSX 1067 expected format of a request by RS232 controller:**

Start	Count	Device ID	Type	Key	Checksum
0xFE	0x03	0xC4	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 1067 HEX	Command	Command Description
FE 03 C4 10 00 D7	RMC Vol+	Remote Volume Up
FE 03 C4 10 01 D8	RMC Vol-	Remote Volume Down
FE 03 C4 10 02 D9	CD	Source CD
FE 03 C4 10 03 DA	Tuner	Source Tuner
FE 03 C4 10 04 DB	Tape	Source Tape
FE 03 C4 10 05 DC	Video 1	Source Video 1
FE 03 C4 10 06 DD	Video 2	Source Video 2
FE 03 C4 10 07 DE	Video 3	Source Video 3
FE 03 C4 10 08 DF	Video 4	Source Video 4
FE 03 C4 10 09 E0	Video 5	Source Video 5
FE 03 C4 10 0A E1	Power	Power Toggle
FE 03 C4 10 0B E2	Vol+	Volume Up
FE 03 C4 10 0C E3	Vol-	Volume Down
FE 03 C4 10 0D E4	Treble+	Treble Up
FE 03 C4 10 0E E5	Treble-	Treble Down
FE 03 C4 10 0F E6	Bass+	Bass Up
FE 03 C4 10 10 E7	Bass-	Bass Down
FE 03 C4 10 11 E8	Stereo	DSP Stereo
FE 03 C4 10 12 E9	3 Stereo	DSP Dolby 3 Stereo
FE 03 C4 10 13 EA	Pro Logic	DSP Pro Logic
FE 03 C4 10 14 EB	DSP	DSP Music
FE 03 C4 10 15 EC	Multi	Multi Input
FE 03 C4 10 16 ED	Dynamic	Dynamic Range
FE 03 C4 10 17 EE	Rec	Record
FE 03 C4 10 18 EF	OSD Menu	OSD Menu
FE 03 C4 10 19 F0	OSD Enter	OSD Enter
FE 03 C4 10 1A F1	OSD Right (+)	OSD Right
FE 03 C4 10 1B F2	OSD Left (-)	OSD Left
FE 03 C4 10 1C F3	OSD Up	OSD Up

<b>RSX 1067 HEX</b>	<b>Command</b>	<b>Command Description</b>
FE 03 C4 10 1D F4	OSD Down / Dynamic	OSD Down / Dynamic
FE 03 C4 10 1E F5	Mute	Mute
FE 03 C4 10 1F F6	Digital In Select	Digital Input Select
FE 03 C4 10 20 F7	Tune / Preset	Tune / Preset Toggle
FE 03 C4 10 21 F8	Preset Scan	Preset Scan
FE 03 C4 10 22 F9	Surround+	Next Surround Mode
FE 03 C4 10 23 FA	Zone 2 / Main	Zone
FE 03 C4 10 24 FB	Band	Tuner Band
FE 03 C4 10 25 FC	Freq. Direct	Tuner Frequency Direct
FE 03 C4 10 26 FD	FM Mono	Tuner FM Mono
FE 03 C4 10 27 FE	Memory / Enter	Tuner Memory Enter
FE 03 C4 10 28 FF	Tuning+	Tuner Up
FE 03 C4 10 29 00	Tuning-	Tuner Down
FE 03 C4 10 2A 01	1	1
FE 03 C4 10 2B 02	2	2
FE 03 C4 10 2C 03	3	3
FE 03 C4 10 2D 04	4	4
FE 03 C4 10 2E 05	5	5
FE 03 C4 10 2F 06	6	6
FE 03 C4 10 30 07	7	7
FE 03 C4 10 31 08	8	8
FE 03 C4 10 32 09	9	9
FE 03 C4 10 33 0A	0	0
FE 03 C4 10 44 1B	Display	Tuner Display
FE 03 C4 10 45 1C	PTY	RDS PTY
FE 03 C4 10 46 1D	TP	RDS TP
FE 03 C4 10 47 1E	TA	RDS TA
FE 03 C4 10 4A 21	Power Off	Power Off
FE 03 C4 10 4B 22	Power On	Power On
FE 03 C4 10 4C 23	C	Center
FE 03 C4 10 4D 24	S	Subwoofer
FE 03 C4 10 4E 25	R	Surround
FE 03 C4 10 4F 26	Filter (EQ)	Cinema EQ
FE 03 C4 10 52 29	FL On / Off	FL Display Toggle
FE 03 C4 10 53 2A	Pro Logic / 3 Stereo	Dolby 3 Stereo
FE 03 C4 10 54 2B	dts Neo:6	dts Neo:6
FE 03 C4 10 55 2C	FM	FM
FE 03 C4 10 56 2D	AM	AM
FE 03 C4 10 57 2E	Music 1	Music 1
FE 03 C4 10 58 2F	Music 2	Music 2
FE 03 C4 10 59 30	Music 3	Music 3
FE 03 C4 10 5A 31	Music 4	Music 4
FE 03 C4 10 5B 32	5Ch Stereo	5Ch Stereo
FE 03 C4 10 5C 33	7Ch Stereo	7Ch Stereo
FE 03 C4 10 5D 34	PLII Cinema	Dolby PLII Cinema
FE 03 C4 10 5E 35	PLII Music	Dolby PLII Music
FE 03 C4 10 5F 36	Pro Logic	Dolby Pro Logic
FE 03 C4 10 60 37	dts Neo:6 Music	dts Neo:6 Music

RSX 1067 HEX	Command	Command Description
FE 03 C4 10 61 38	dts Neo:6 Cinema	dts Neo:6 Cinema
FE 03 C4 10 62 39	PLII Panorama	PLII Panorama
FE 03 C4 10 63 3A	PLII Dimension Up	PLII Dimension Up
FE 03 C4 10 64 3B	PLII Dimension Down	PLII Dimension Down
FE 03 C4 10 65 3C	PLII Center Width Up	PLII Center Width Up
FE 03 C4 10 66 3D	PLII Center Width Down	PLII Center Width Down
FE 03 C4 10 67 3E	Shift (Treble Bass)	Tone Controls
FE 03 C4 10 68 3F	DD EX On/Off	DD EX On/Off
FE 03 C4 10 69 40	Tuning Select	Discrete Tune Select
FE 03 C4 10 6A 41	Preset Select	Discrete Preset Select
FE 03 C4 10 74 4B	PLII Game	Dolby PLII Game
FE 03 C4 10 FF D6	Display Refresh	Display Refresh

**Table 1A: Commands Sent with exceptions or modifications required**

RSX 1067 HEX	Command Expected	Command
FE 03 C4 10 26 FD	FE 03 C4 10 26 FD 00	FM Mono
FE 03 C4 10 27 FE	FE 03 C4 10 27 FD 01	Memory / Enter

The table above list commands with exceptions. To keep the RSX 1067 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 1067 HEX	Command	Command Description
FE 03 C4 14 00 DB	RMC Vol+	Remote Volume Up
FE 03 C4 14 01 DC	RMC Vol-	Remote Volume Down
FE 03 C4 14 02 DD	Main CD	Main Zone Source CD
FE 03 C4 14 03 DE	Main Tuner	Main Zone Source Tuner
FE 03 C4 14 04 DF	Main Tape	Main Zone Source Tape
FE 03 C4 14 05 E0	Main Video 1	Main Zone Source Video 1
FE 03 C4 14 06 E1	Main Video 2	Main Zone Source Video 2
FE 03 C4 14 07 E2	Main Video 3	Main Zone Source Video 3
FE 03 C4 14 08 E3	Main Video 4	Main Zone Source Video 4
FE 03 C4 14 09 E4	Main Video 5	Main Zone Source Video 5
FE 03 C4 14 0A E5	Main Power	Main Zone Power Toggle
FE 03 C4 14 1E F9	Main Mute	Main Zone Mute
FE 03 C4 14 6C 47	Main Mute On	Main Zone Mute On
FE 03 C4 14 6D 48	Main Mute Off	Main Zone Mute Off

**Table 3: Type 15 Record Source Command List**

RSX 1067 HEX	Command	Command Description
FE 03 C4 15 02 DE	Record CD	Record Source CD
FE 03 C4 15 03 DF	Record Tuner	Record Source Tuner
FE 03 C4 15 04 E0	Record Tape	Record Source Tape
FE 03 C4 15 05 E1	Record Video 1	Record Source Video 1
FE 03 C4 15 06 E2	Record Video 2	Record Source Video 2
FE 03 C4 15 07 E3	Record Video 3	Record Source Video 3
FE 03 C4 15 08 E4	Record Video 4	Record Source Video 4
FE 03 C4 15 09 E5	Record Video 5	Record Source Video 5
FE 03 C4 15 6B E6	Record Source	Record Follow Main Source

**Table 4: Type 16 Zone 2 Command List**

RSX 1067 HEX	Command	Command Description
FE 03 C4 16 00 DD	Vol+	Zone 2 Volume Up
FE 03 C4 16 01 DE	Vol-	Zone 2 Volume Down
FE 03 C4 16 02 DF	Zone 2 CD	Zone 2 Source CD
FE 03 C4 16 03 E0	Zone 2 Tuner	Zone 2 Source Tuner
FE 03 C4 16 04 E1	Zone 2 Tape	Zone 2 Source Tape
FE 03 C4 16 05 E2	Zone 2 Video 1	Zone 2 Source Video 1
FE 03 C4 16 06 E3	Zone 2 Video 2	Zone 2 Source Video 2
FE 03 C4 16 07 E4	Zone 2 Video 3	Zone 2 Source Video 3
FE 03 C4 16 08 E5	Zone 2 Video 4	Zone 2 Source Video 4
FE 03 C4 16 09 E6	Zone 2 Video 5	Zone 2 Source Video 5
FE 03 C4 16 0A E7	Zone 2 Power	Zone 2 Power Toggle
FE 03 C4 16 1E FB	Zone 2 Mute	Zone 2 Mute
FE 03 C4 16 20 FD	Zone 2 Tune / Preset	Zone 2 Tune / Preset Toggle
FE 03 C4 16 21 FE	Zone 2 Preset Scan	Zone 2 Preset Scan
FE 03 C4 16 24 01	Zone 2 Band	Zone 2 Band
FE 03 C4 16 26 03	Zone 2 FM Mono	Zone 2 FM Mono
FE 03 C4 16 28 05	Zone 2 Tune Up	Zone 2 Tune Up
FE 03 C4 16 29 06	Zone 2 Tune Down	Zone 2 Tune Down
FE 03 C4 16 2A 07	Zone 2 Preset 1	Zone 2 Preset 1
FE 03 C4 16 2B 08	Zone 2 Preset 2	Zone 2 Preset 2
FE 03 C4 16 2C 09	Zone 2 Preset 3	Zone 2 Preset 3
FE 03 C4 16 2D 0A	Zone 2 Preset 4	Zone 2 Preset 4
FE 03 C4 16 2E 0B	Zone 2 Preset 5	Zone 2 Preset 5
FE 03 C4 16 2F 0C	Zone 2 Preset 6	Zone 2 Preset 6
FE 03 C4 16 30 0D	Zone 2 Preset 7	Zone 2 Preset 7
FE 03 C4 16 31 0E	Zone 2 Preset 8	Zone 2 Preset 8
FE 03 C4 16 32 0F	Zone 2 Preset 9	Zone 2 Preset 9
FE 03 C4 16 33 10	Zone 2 Preset 0	Zone 2 Preset 0
FE 03 C4 16 4A 27	Zone 2 Power Off	Zone 2 Power Off
FE 03 C4 16 4B 28	Zone 2 Power On	Zone 2 Power On
FE 03 C4 16 55 32	Zone 2 FM	Zone 2 Tuner FM
FE 03 C4 16 56 33	Zone 2 AM	Zone 2 Tuner AM

RSX 1067 HEX	Command	Command Description
FE 03 C4 16 69 46	Zone 2 Tune	Zone 2 Tuner Manual Tune Mode
FE 03 C4 16 6A 47	Zone 2 Preset	Zone 2 Tuner Preset Mode
FE 03 C4 16 6B 48	Zone 2 Source	Zone 2 Follow Main Source
FE 03 C4 16 6C 49	Zone 2 Mute On	Zone 2 Mute On
FE 03 C4 16 6D 4A	Zone 2 Mute Off	Zone 2 Mute Off

**Table 4A: Commands Sent with exceptions or modifications required**

RSX 1067 HEX	Command Expected	Command
FE 03 C4 16 20 FD	FE 03 C4 16 20 FD 00	Zone 2 Tune / Preset
FE 03 C4 16 21 FE	FE 03 C4 16 21 FD 01	Zone 2 Preset Scan

The table above list commands with exceptions. To keep the RSX 1067 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 1067 HEX	Command	Command Description
FE 03 C4 30 00 F7	Volume Min	Volume Min
FE 03 C4 30 01 F8	Volume 1	Volume 1
FE 03 C4 30 02 F9	Volume 2	Volume 2
FE 03 C4 30 03 FA	Volume 3	Volume 3
FE 03 C4 30 04 FB	Volume 4	Volume 4
FE 03 C4 30 05 FC	Volume 5	Volume 5
FE 03 C4 30 06 FD	Volume 6	Volume 6
FE 03 C4 30 07 FE	Volume 7	Volume 7
FE 03 C4 30 08 FF	Volume 8	Volume 8
FE 03 C4 30 09 00	Volume 9	Volume 9
FE 03 C4 30 0A 01	Volume 10	Volume 10
FE 03 C4 30 0B 02	Volume 11	Volume 11
FE 03 C4 30 0C 03	Volume 12	Volume 12
FE 03 C4 30 0D 04	Volume 13	Volume 13
FE 03 C4 30 0E 05	Volume 14	Volume 14
FE 03 C4 30 0F 06	Volume 15	Volume 15
FE 03 C4 30 10 07	Volume 16	Volume 16
FE 03 C4 30 20 17	Volume 32	Volume 32
FE 03 C4 30 30 27	Volume 48	Volume 48
FE 03 C4 30 40 37	Volume 64	Volume 64
FE 03 C4 30 50 47	Volume 80	Volume 80
FE 03 C4 30 5F 56	Volume 95	Volume 95
FE 03 C4 30 60 57	Volume Max	Volume Max

**Table 5A: Commands Sent with exceptions or modifications required**

RSX 1067 HEX	Command Expected	Command
FE 03 C4 30 06 FD	FE 03 C4 30 06 FD 00	Volume 6
FE 03 C4 30 07 FE	FE 03 C4 30 07 FD 01	Volume 7

The table above list commands with exceptions. To keep the RSX 1067 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 1067 HEX	Command	Command Description
FE 03 C4 32 00 F9	Zone 2 Volume Min	Zone 2 Volume Min
FE 03 C4 32 01 FA	Zone 2 Volume 1	Zone 2 Volume 1
FE 03 C4 32 02 FB	Zone 2 Volume 2	Zone 2 Volume 2
FE 03 C4 32 03 FC	Zone 2 Volume 3	Zone 2 Volume 3
FE 03 C4 32 04 FD	Zone 2 Volume 4	Zone 2 Volume 4
FE 03 C4 32 05 FE	Zone 2 Volume 5	Zone 2 Volume 5
FE 03 C4 32 06 FF	Zone 2 Volume 6	Zone 2 Volume 6
FE 03 C4 32 07 00	Zone 2 Volume 7	Zone 2 Volume 7
FE 03 C4 32 08 01	Zone 2 Volume 8	Zone 2 Volume 8
FE 03 C4 32 09 02	Zone 2 Volume 9	Zone 2 Volume 9
FE 03 C4 32 0A 03	Zone 2 Volume 10	Zone 2 Volume 10
FE 03 C4 32 0B 04	Zone 2 Volume 11	Zone 2 Volume 11
FE 03 C4 32 0C 05	Zone 2 Volume 12	Zone 2 Volume 12
FE 03 C4 32 0D 06	Zone 2 Volume 13	Zone 2 Volume 13
FE 03 C4 32 0E 07	Zone 2 Volume 14	Zone 2 Volume 14
FE 03 C4 32 0F 08	Zone 2 Volume 15	Zone 2 Volume 15
FE 03 C4 32 10 09	Zone 2 Volume 16	Zone 2 Volume 16
FE 03 C4 32 20 19	Zone 2 Volume 32	Zone 2 Volume 32
FE 03 C4 32 30 29	Zone 2 Volume 48	Zone 2 Volume 48
FE 03 C4 32 40 39	Zone 2 Volume 64	Zone 2 Volume 64
FE 03 C4 32 50 49	Zone 2 Volume 80	Zone 2 Volume 80
FE 03 C4 32 5F 52	Zone 2 Volume 89	Zone 2 Volume 89
FE 03 C4 32 60 53	Zone 2 Volume Max	Zone 2 Volume Max

**Table 6A: Commands Sent with exceptions or modifications required**

RSX 1067 HEX	Command Expected	Command
FE 03 C4 32 04 FD	FE 03 C4 32 04 FD 00	Zone 2 Volume 4
FE 03 C4 32 05 FE	FE 03 C4 32 05 FD 01	Zone 2 Volume 5

The table above list commands with exceptions. To keep the RSX 1067 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.