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**1. Overview**

- 1.1. This specification defines Projector control commands for LC-XB26 / XB21 / LC-SB21.
- 1.2. The Projector control commands are for controlling Projector through RS232C from a computer.

**2. Serial Interface Specification**

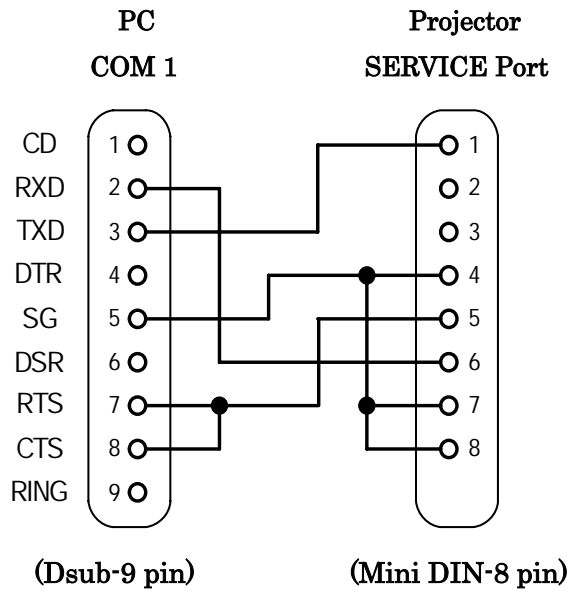
**2.1. Transfer Specification**

Item	Specification
Shynchro system	Asynchronous
Transmission Speed	9600 / 19200
Data Length	8 bits
Parity	None
Stop Bit	1
Flow Control	None

- 1). Transfer rate: initial setting value is 19200.
- 2). Transfer rate can be changed by service mode.

**2.2. Connection**

Dedicated serial cable must be used for a connection to a computer and a Projector.



### 3. Notes for Communication

3.1. The Projector command is defined one command/one line that starts “C” and ends carriage return (0x0D).

3.2. There are two types of command, functional execution commands and state read commands.

Example of Functional Execution Command

“C05” [CR]

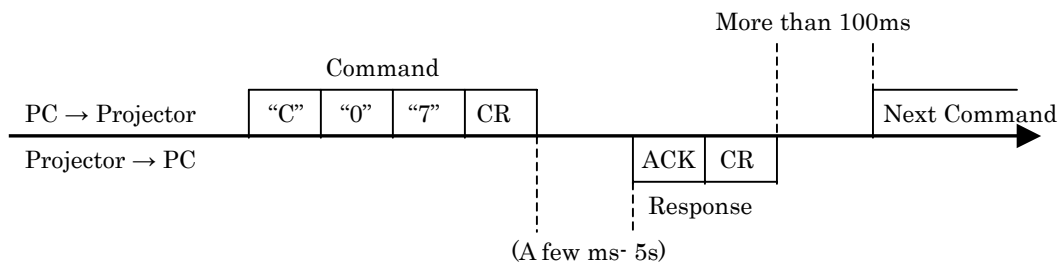
Example of State Read Command

“CR0” [CR]

3.3. When it takes more than one second to receive on command, it clears information of buffer.

(Until the Projector receives the carriage return since the Projector has received the first data)

3.4. When a computer keeps sending some command; it must wait sending next command after 100ms when the computer receives the return command.



3.4.1. When a computer sends next command before receiving a return command, the Projector may not operate properly.

3.4.2. When there is no response after 5 seconds, issue next command.

3.5. It takes about 5 seconds for internal initialization after plugging in AC.

During this time, it cannot process command. Do not issue any commands.

3.6. Response for status read command after accepting has different characters.

See 7. Status Read Command.

3.7. Characters for commands must be capital (A - Z).

#### 4. Functional Execution Command Table

Command	Item	Command	Item
C00	Power On	C27	Image (Toggle)
C01	Power Off (Quick Power Off)	C28	On Start Enable
C02	Power Off	C29	On Start Disable
C05	Computer 1 (MC/W/N)	C2A	Power Management Ready
C06	Computer 2	C2B	Power Management Off
C07	Video	C2E	Power Management Shut down
C09	Volume +	C30	D.Zoom +
C0A	Volume -	C31	D.Zoom -
C0B	Mute On	C32	Video Auto
C0C	Mute Off	C33	Video Video
C0D	No Show On	C34	Video S-Video
C0E	No Show Off	C3A	Pointer Right
C0F	Screen Normal Size (4:3)	C3B	Pointer Left
C10	Screen Wide Size (16:9)	C3C	Pointer Up
C11	Image Standard	C3D	Pointer Down
C12	Image Real	C3E	Mouse Right Click
C13	Image Cinema	C3F	Enter
C14	Image 1	C43	Freeze On
C15	Image 2	C44	Freeze Off
C16	Image 3	C50	Computer 1 Analog RGB
C17	Image 4	C52	Computer 1 DVI (PC Digital)
C18	Image Blackboard (Green)	C53	Computer 1 DVI ( HDCP)
C19	Image Dynamic	C59	Page Up
C1C	Menu On	C5A	Page Down
C1D	Menu Off	C89	Auto PC Adj.
C1E	Display Clear	C8A	Presentation Timer
C20	Brightness +	C8E	Keystone Top
C21	Brightness -	C8F	Keystone Bottom
C24	Computer 2 Component	C90	Keystone Right
C25	Computer 2 RGB	C91	Keystone Left
C26	Computer 2 SCART		

#### 5. Status Read Command Table

Command	Function	Note
CR0	Status Read	
CR1	Input Mode Read	
CR3	Lamp Time Read	
CR4	Setting Read	
CR6	Temp. Read	

## 6. Functional Execution Command

### 6.1. Format

6.1.1. PC issues a command as below format.

“C” **COMMAND** [CR]

COMMAND: 2 characters (See Functional Execution Command Table)

6.1.2. A Projector changes received data to decode and sends a return result after being ready to receive next command.

**[ACK] [CR]**: (0x06, 0x0D) When received functional execution commands.

6.1.3. **“?” [CR]**: When cannot read received data.

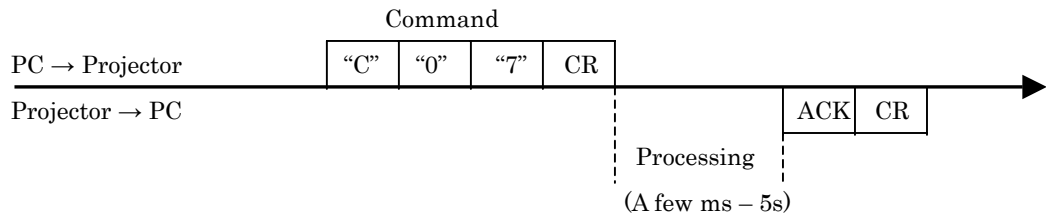
### 6.2. When the command pipelining is needed

When some functions need command pipelining, the performance is the same as the Remote control's performance.

- 1) System: issue any commands every 100ms after receiving response.
- 2) When received appropriate command, the function round execute for a 120ms.
- 3) When receiving the same command continuously, with 120ms, the function is executed for 120ms form the moment.
- 4) The next command is not issued after 120ms, and the execution is stopped.
- 5) If the Projector receives other incoming commands within 120ms, the execution is stopped.

### 6.3. Transfer Example

Change to Video Mode with Basic Command



### 6.4. Operation Requirements

When the Projector's status in this below, functional execution commands are limited.

Projector Status	Available Functional Execution Commands
Standby Mode	C00: Power On only
Processing Countdown	C00: Power On → Terminate processing countdown C01: Power Off C02: Power Off → Terminate processing countdown
Processing Cooling Down	None (Does not execute even if receiving a command)
Processing Cooling Down at Abnormal Temperature	None (Does not execute even if receiving a command)
Abnormal Temperature Status	None (Does not execute even if receiving a command)
Processing Cooling Down at Power Save	None (Does not execute even if receiving a command)
Power Save Status	C00: Power On C01: Power Off Other Commands: Power On

Note) when the status is above, even if the projector receives other command in the above status, the Projector returns **[ACK] [CR]**.

**6.5. Power On Command**

Command	"C00" [CR]	
Detail	Power On When already Power On, no need to do. When sending this command during processing count down, count down is terminated.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.6. Power Off Command (Quick Power Off)**

Command	"C01" [CR]	
Detail	Power Off (Standby status) When Power Off with POWER button of the Projector or the Remote control, "Power Off" will be displayed. However, as soon as this command is sent, Quick Power Off is executed	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.7. Power Off Command**

Command	"C02" [CR]	
Detail	Power Off (Standby status) When Power Off with POWER button of the Projector or the Remote control, "Power Off" will be displayed. However, as soon as this command is sent, Power Off is executed.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.8. Computer 1 Command**

Command	"C05" [CR]	
Detail	Select Computer 1 Input. When optional accessory, MCI BOX is installed, select the function. (Memory Card / Wireless / Wired)	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.9. Computer 2 Command**

Command	"C06" [CR]	
Detail	Select Computer 2 Input. When Computer 2 terminal is set to Monitor Out, the command will not be executed (the response is "Acceptable" through).	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]



**6.10. Video Command**

Command	"C07" [CR]	
Detail	Select Video Input	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.11. Volume + Command**

Command	"C09" [CR]	
Detail	Volume Up This Command works same as "VOLUME +" of the Projector and the Remote control.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.12. Volume - Command**

Command	"C0A" [CR]	
Detail	Volume Down This Command works same as "VOLUME -" of the Projector and the Remote control	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.13. Mute On Command**

Command	"C0B" [CR]	
Detail	Sound Mute On This command works the same as "MUTE" of the Remote control button for Mute On, but this command does not work for Mute Off.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.14. Mute Off Command**

Command	"C0C" [CR]	
Detail	Sound Mute Off This command works the same as "MUTE" of the Remote Control button for Mute Off, but this command does not work for Mute On.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.15. No Show On Command**

Command	"C0D" [CR]	
Detail	Video blank On This command works the same as "NO SHOW" of the Remote control button for Video Mute On, but does not work for "NO SHOW Off".	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.16. No Show Off Command**

Command	"C0E" [CR]	
Detail	Video blank Off This command works the same as "NO SHOW" of the Remote control button for Video Mute Off, but does not work for "NO SHOW On".	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.17. Screen Normal Size Command**

Command	"C0F" [CR]	
Detail	Set screen size to Normal (4:3).	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.18. Screen Wide Size Command**

Command	"C10" [CR]	
Detail	Set screen size to Wide (16:9).	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.19. Image Standard Command**

Command	"C11" [CR]	
Detail	Set Image to Standard mode.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.20. Image Real Command**

Command	"C12" [CR]	
Detail	Set Image to Real mode.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.21. Image Cinema Command**

Command	"C13" [CR]	
Detail	Set Image to Cinema mode.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.22. Image 1 Command**

Command	"C14" [CR]	
Detail	Set Image to Image1 mode.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.23. Image 2 Command**

Command	"C15" [CR]	
Detail	Set Image to Image2 mode.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.24. Image 3 Command**

Command	"C16" [CR]	
Detail	Set Image to Image2 mode.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.25. Image 4 Command**

Command	"C17" [CR]	
Detail	Set Image to Image4 mode.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.26. Image Blackboard (Green) Command**

Command	"C18" [CR]	
Detail	Set Image to Blackboard (Green) mode.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.27. Image Dynamic Command**

Command	"C19" [CR]	
Detail	Set Image to Dynamic mode.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.28. Menu On Command**

Command	"C1C" [CR]	
Detail	Display Menu of On Screen Display.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.29. Menu Off Command**

Command	"C1D" [CR]	
Detail	Clear Menu of On Screen Display.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.30. Display Clear Command**

Command	"C1E" [CR]	
Detail	Clear the On Screen Display. Clear the On screen Display unconditionally.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.31. Brightness + Command**

Command	"C20" [CR]	
Detail	Brightness of user control +1.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.32. Brightness - Command**

Command	"C21" [CR]	
Detail	Brightness of user control -1.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.33. Computer 2 Component Command**

Command	"C24" [CR]	
Detail	Select Component input for Computer 2. However, when Computer 2 terminal is set to Monitor Out, acceptable command is returned, but does not execute command.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.34. Computer 2 RGB Command**

Command	"C25" [CR]	
Detail	Select RGB input for Computer 2. However, when Computer 2 terminal is set to Monitor Out, acceptable command is returned, but does not execute command.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.35. Computer 2 SCART Command**

Command	"C26" [CR]	
Detail	Select SCART RGB input for Computer 2. However, when Computer 2 terminal is set to Monitor Out, acceptable command is returned, but does not execute command.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.36. Image (Toggle) Command**

Command	"C27" [CR]	
Detail	Switch Image setting status. This command works the same as the Remote control's "IMAGE" button.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.37. On Start Setting Command**

Command	"C28" [CR]	
Detail	Set Power On Start status This setting status is stored in EEPROM, hold even if turning Off and On.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.38. On Start Cancellation Command**

Command	"C29" [CR]	
Detail	Cancel Power On Start status. This setting status is stored in EEPROM, hold even if turning Off and On.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.39. Power Management Ready Command**

Command	"C2A" [CR]	
Detail	Set Power Management to Ready mode. This setting status is stored in EEPROM, hold even if turning Off and On.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.40. Power Management Off Command**

Command	"C2B" [CR]	
Detail	Set Power Management to Off mode. This setting status is stored in EEPROM, hold even if turning Off and On.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.41. Power Management Shut Down Command**

Command	"C2E" [CR]	
Detail	Set Power Management to Shut Down mode. This setting status is stored in EEPROM, hold even if turning Off and On.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.42. D.Zoom + Command**

Command	"C30" [CR]	
Detail	Moving on to Digital Zoom mode and make the screen image bigger. This command works the same as the Remote control's "D.ZOOM UP" button.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.43. D.Zoom – Command**

Command	"C31" [CR]	
Detail	Moving on to Digital Zoom mode and make the screen image smaller. This command works the same as the Remote control's "ZOOM DOWN" button.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.44. Video Auto Command**

Command	"C32" [CR]	
Detail	Select Auto input for Video.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.45. Video Video Command**

Command	"C33" [CR]	
Detail	Select Video input for Video.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.46. Video S-Video Command**

Command	"C34" [CR]	
Detail	Select S-Video input for Video.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.47. Pointer Right Command**

Command	"C3A" [CR]	
Detail	Move Pointer to Right On Screen Display Menu. This command works the same as the Remote control's ">" button.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.48. Pointer Left Command**

Command	"C3B" [CR]	
Detail	Move Pointer to Left On Screen Display Menu. This command works the same as the Remote control's "<" button.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.49. Pointer Up Command**

Command	"C3C" [CR]	
Detail	Move Pointer to UP On Screen Display Menu. This command works the same as the Remote controls "UP" button.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.50. Pointer Down Command**

Command	"C3D" [CR]	
Detail	Move Pointer to Down On Screen Display Menu. This command works the same as the Remote controls "DOWN" button.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.51. Mouse Right Click Command**

Command	"C3E" [CR]	
Detail	This command works the same as the Remote control's "Mouse Right Click."	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.52. Enter Command**

Command	"C3F" [CR]	
Detail	This command works the same as the Remote control's "SELECT" button.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.53. Freeze On Command**

Command	"C43" [CR]	
Detail	Make the screen Freeze. This command works the same as the Remote control's FREEZE" button, not for Freeze Off.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.54. Freeze Off Command**

Command	"C44" [CR]	
Detail	Clear the screen Freeze. This command works the same as the Remote control's "FREEZE" button, not for Freeze On.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.55. Computer 1 Analog RGB Command**

Command	"C50" [CR]	
Detail	Select Analog RGB input for Input 1.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.56. Computer 1 DVI (PC Digital) Command**

Command	"C52" [CR]	
Detail	Select DVI (PC Digital) input for Input 1.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.57. Computer 1 DVI (HDCP) Command**

Command	"C53" [CR]	
Detail	Select DVI (AV HDCP) input for Input 1.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.58. Page Up Command**

Command	"C59" [CR]	
Detail	Up the image data page that are edited by MCI.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.59. Page Down Command**

Command	"C5A" [CR]	
Detail	Down the image data page that are edited by MCI.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]



**6.60. Auto PC Adj. Command**

Command	"C89" [CR]	
Detail	Execute Auto PC Adj. command This command works the same as a Remote control's "AUTO PC" button. While Auto PC Adj. is working and a computer issues another command, Auto PC Adj. stops.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.61. Presentation Timer Command**

Command	"C8A" [CR]	
Detail	Set a presentation timer to active. This command works the same as the Remote control's "P-TIMER" button.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.62. Keystone Top Command**

Command	"C8E" [CR]	
Detail	Adjust Keystone. Make the screen image length at the top edge shorter.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.63. Keystone Bottom Command**

Command	"C8F" [CR]	
Detail	Adjust keystone. Make the screen image length at the bottom edge shorter.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.64. Keystone Right Command**

Command	"C90" [CR]	
Detail	Adjust keystone. Make the screen image length at the right edge shorter.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

**6.65. Keystone Left Command**

Command	"C91" [CR]	
Detail	Adjust keystone. Make the screen image length at the left edge shorter.	
Response	Acceptable	[ACK] [CR]
	Unacceptable	"?" [CR]

## 7. State Read Command

### 7.1. Format

7.1.1. PC issues commands in format as below.

**“CR”** **COMMAND** **[CR]**

Command: 1 character (See Status Read Command Table)

7.1.2. When a Projector receives the appropriate command, it returns a character line as the required data.

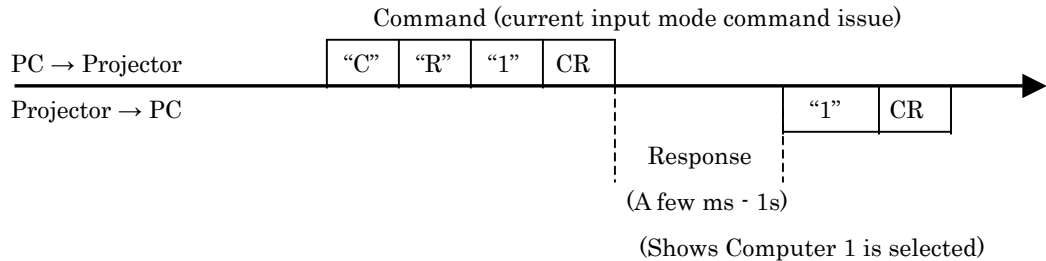
**Required Data** **[CR]**

Required Data: A character line (See Basic Status Read Command Table)

7.1.3. When receiving data cannot be decode, the Projector returns, **“?”** **[CR]**.

### 7.2. Transfer Example

Get input mode for the Projector by basic commands.



### 7.3. Status Read Command

Command	“CR0” [CR]	
Detail	Get the Projector status	
Response	Acceptable	“%1” [CR]
	%1	“00” = Power On “80” = Standby “40” = Processing Count down “20” = Processing Cooling down “10” = Abnormal Power “28” = Processing cooling down due to abnormal temperature “08” = Abnormal Temperature “88” = Normal after recovering abnormal temperature “02” = Cannot accept RS232C command “24” = Processing Power Save · Cooling Down “04” = Power Save
	Unacceptable	“?” [CR]

#### {Details for Response}

##### 7.3.1. “00” [CR]

Status: Power On

The image is displayed normally.

##### 7.3.2. “80” [CR]

Status: Standby

When the status is Standby, Status Read Commands are always acceptable, but Functional Execution Commands are not acceptable except Power On Command.

**7.3.3. “40” [CR]**

Status: Processing Count Down

When “Display” in Setting Menu is On and Power On is executed, it starts processing Count Down. Also, when “Display” Off in the Setting Menu is set, processing Count Down is skipped and the status moves to Power On quickly.

**7.3.4. “20” [CR]**

Status: Cooling

When status is Power On, and Power Off Command is executed, it moves to cooling status. This cooling status automatically moves on to Standby after the lamp turns off and the fan spin for about 90seconds.

This Cooling down works for lamps and other optical accessories.

Control commands are not available for this status.

**7.3.5. “10” [CR]**

Status: Abnormal power supply voltage

When the power supply voltage inside the Projector reaches abnormal power supply voltage, the power will be automatically turned off. The Projector returns “10” [CR] and cooling fan is also stopped at the time.

**7.3.6. “28” [CR]**

Status: Processing cooling down by abnormal temperature

When the temperature inside a Projector is out of the operating temperature, it automatically starts cooling down. Response is “28” [CR].

Even if the temperature is processing low, the cooling down is executed.

**7.3.7. “08” [CR]**

Status: Abnormal temperature

When the temperature does not go down after cooling down due to the abnormal temperature, this is the response. The Projector keeps the standby status.

**7.3.8. “88” [CR]**

Status: Normal status after recovering abnormal temperature

When the temperature goes down after cooling down and moving to standby status, this is the response.

This status keeps until the next operation. In short, when power on is executed, the temperature information is canceled, and works normal.

**7.3.9. “02” [CR]**

Status: RS232C Command is unacceptable

When a computer receives this response, try to execute Status Read Command again.

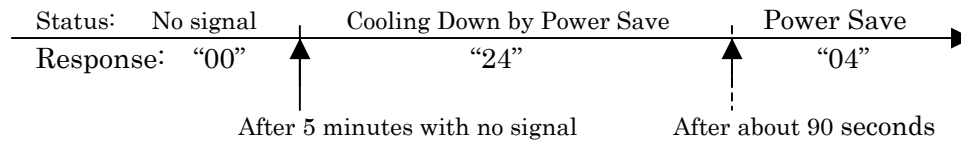
**7.3.10. “24” [CR]**

Status: Processing Cooling down by power save

Cooling down by the Power Management function in the Setting menu.

The control command is invalid.

This Cooling down by Power save moves to Power save after the cooling down time.

**7.3.11. “04” [CR]**

Status: Power Save

The status is Power Save by the Power management function in setting menu.

**7.4. Input Mode Read Command**

Command	“CR1” [CR]	
Detail	Get selected Input No.	
Response	Acceptable	“%1” [CR]
	%1	“1” = Computer 1 “2” = Computer 2 “3” = Video
	Unacceptable	“?” [CR]

**7.5. Lamp Time Read Command**

Command	“CR3” [CR]	
Detail	Get total lamp running hours.	
Response	Acceptable	“%1” [CR]
	%1	Show as 4 digits Ex.: “0410” [CR] ---- 410 hours
	Unacceptable	“?” [CR]

**7.6. Setting Read Command**

Command	“CR4” [CR]	
Detail	Get setting status for screen such as Ceiling / Rear.	
Response	Acceptable	“%1” [CR]
	%1	“11” = Normal Screen Setting “10” = Top and Bottom reversal setting (Rear&Ceiling On) “01” = Left and Right reversal setting (Rear On) “00” = Top / Bottom and Left / Right reversal setting (Ceiling On)
	Unacceptable	“?” [CR]

### 7.7. Temp Read Command

Command	"CR6" [CR]	
Detail	Get the temperature inside a Projector. When some temperature sensors are installed in the Projector, it is possible to know the temperature all at once.	
Response	Acceptable	"%1_%2_%3" [CR]
	%1 %2 %3	<p>%1 = Temperature, sensor 1 %2 = Temperature, sensor 2 %3 = Temperature, sensor 3 Temperature data form shows as 00.0. When the temperature sinks to -, the first character is "-" like "-05.5" [CR]. When cannot return the temperature data due to hardware problems, the first character is "E" like "E00.0" [CR]. When the status is Standby or it is 10 seconds after Power On, depend on Projectors; temperature may approach critical temperature due to ballast lamp's residual heat. So, when the status is Standby or it is 10 seconds after Power On, the process for the abnormal temperature is not executed. The temperature data is "□----" at the time. When some temperature sensors are installed, the Projector sends command continuously. "_31.5_35.2_33.4" [CR] There is the first sensor's information, and after one space, there is the second sensor's information.</p>
	Unacceptable	"?" [CR]