

**0. Setup**

Cable	NOT SUPPLIED	Order P/N 645 039 7219
Serial Port	Computer : Projector	8 Pin DIN Control Port
Pin 3 DB9	Computer : Projector	Pin 6: Transmit
Pin 2 DB9	Computer : Projector	Pin 1: Receive
Pin 5 DB9	Computer : Projector	Pin 4: Ground
Settings	(Computer)	19,200 baud, 8N1
Delimiter	(after command)	CR (0Dh) (NO LF)
Interval	Command: 100+ ms	Status Read: 200+ ms

**1. Control Command**

Power ON	C00
Compulsory Power OFF	C01
Power OFF	C02
Computer: Input 1	C05
Video: Input 2	C06
Module: Input 3	C07
Volume +	C09
Volume -	C0A
Audio mute ON	C0B
Audio mute OFF	C0C
No Show ON	C0D
No Show OFF	C0E
Regular video image (4:3)	C0F
Wide video image (16:9)	C10
Menu ON	C1C
Menu OFF	C1D
Display clear	C1E
Image	C27
D.Zoom up	C30
D.Zoom down	C31
Pointer right	C3A
Pointer left	C3B
Pointer up	C3C
Pointer down	C3D
Select/Enter	C3F
Freeze ON	C43
Freeze OFF	C44
Zoom down	C46
Zoom up	C47
Focus down	C4A
Focus up	C4B
Auto PC Adj.	C89
Presentation Timer	C8A
Keystone +	C8E
Keystone -	C8F

## 2. Status Read Command

Power Status Read	CR0
Input Mode Read	CR1
Lamp Time Read	CR3
Image Orientation Read	CR4
Temperature Read	CR6

### 2.1 Power Status Read (CR0)

Power ON	00
Stand by	80
Count down	40
Cooling down	20
Power abnormality	10
Temp. abnormality: cooling down	28
Temp. abnormality	08
Temp. abnormality: standby after cooling	88
Key input prohibition	02
Power Management: Cooling	24
In Power Management Mode	04

### 2.2 Input Mode Read (CR1)

Computer	1
Module	2
Video	3

### 2.3 Lamp Time Read (CR3)

4 Digit	****
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### 2.4 Setting Read (CR4)

Normally	11
Top/Bottom reversal	10
Left/Right reversal	01
Top/Bottom & Left/Right	00

### 2.5 Temperature (CR6)

_Sensor.1_ _Sensor.2_ ("E"=error)	*** ***
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