

0. Setup

Cable	USER SUPPLIED	DB9f~DB9f
Serial Port	Computer : Projector	Serial Port
Pin 3 DB9	Computer : Projector	Pin 3 DB9
Pin 2 DB9	Computer : Projector	Pin 2 DB9
Pin 5 DB9	Computer : Projector	Pin 5 DB9
Settings	(Computer)	19,200 baud, 8N1
Delimiter	(after command)	CR (0Dh) (NO LF)
Interval	Command: 100+ ms	Status Read: 200+ ms

1. Control Command

Command		Function
ASCII	HEX	
C00	43h 30h 30h	Power ON
C01	43h 30h 31h	Power OFF
C05	43h 30h 35h	Input mode 1
C06	43h 30h 36h	Input mode 2
C07	43h 30h 37h	Input mode 3
C09	43h 30h 39h	Volume+
C0A	43h 30h 41h	Volume-
C0B	43h 30h 42h	Audio mute ON
C0C	43h 30h 43h	Audio mute OFF
C0D	43h 30h 44h	Video mute ON
C0E	43h 30h 45h	Video mute OFF
C0F	43h 30h 46h	Regular video image (4:3)
C10	43h 31h 30h	Wide video image (16:9)
C1C	43h 31h 43h	Menu ON
C1D	43h 31h 44h	Menu OFF
C1E	43h 31h 45h	Display clear
C27	43h 32h 37h	Image
C30	43h 33h 30h	D.Zoom+
C31	43h 33h 31h	D.Zoom-
C3A	43h 33h 41h	Pointer right
C3B	43h 33h 42h	Pointer left
C3C	43h 33h 43h	Pointer up
C3D	43h 33h 44h	Pointer down
C3F	43h 33h 46h	Select
C43	43h 34h 33h	Freeze ON
C44	43h 34h 34h	Freeze OFF
C46	43h 34h 36h	Zoom down
C47	43h 34h 37h	Zoom up
C4A	43h 34h 41h	Focus down
C4B	43h 34h 42h	Focus up
C5D	43h 35h 44h	Lens shift up
C5E	43h 35h 45h	Lens shift down
C70	43h 37h 30h	Full Lamp mode
C71	43h 37h 31h	Half Lamp mode-1
C72	43h 37h 32h	Half Lamp mode-2
C89	43h 38h 39h	Auto PC adj.
C8A	43h 38h 41h	Presentation timer
C8E	43h 38h 45h	Keystone+
C8F	43h 38h 46h	Keystone-

2. Status Read Command

Command		Function
ASCII	HEX	
CR0	43h 52h 30h	Status Read
CR1	43h 52h 31h	Input mode
CR3	43h 52h 33h	Lamp time
CR4	43h 52h 34h	Setting
CR6	43h 52h 36h	Temp
CR7	43h 52h 37h	Lamp mode
CR9	43h 52h 39h	PC type
CRA	43h 52h 41h	Status 2

2.1 Status Read (CR0)

		Status
ASCII	HEX	
00	30h 30h	Power ON
80	38h 30h	Stand by
40	34h 30h	Count down
20	32h 30h	Cooling down
10	31h 30h	Power abnormality
28	32h 38h	Temperature abnormality
08	30h 38h	Temperature abnormality
88	38h 38h	Temperature abnormality
02	30h 32h	
24	32h 34h	Cooling down for power save
04	30h 34h	Power save

2.2 Input Mode Read (CR1)

Command		Status
ASCII	HEX	
1	31h	Inout mode 1
2	32h	Input mode 2
3	33h	Input mode 3

2.3 Lamp Time Read (CR3)

Command	Status
**** **	4 digit/4 digit

2.4 Setting Read (CR4)

Command		Status
ASCII	HEX	
11	31h 31h	Normally
10	31h 30h	Top/Bottom reversal
01	30h 31h	Left/Right reversal
00	30h 30h	Top/Bottom & Left/Right

2.5 Temperature Read (CR6)

Command	Status
*.**.*	Temperature value
_? = ? ? ? ? ? **.*=? ? ? (? : ? ? ? ? 1 ? ? ? : ? ? ? ?	
? ?	

2.6 Lamp Mode Read (CR7)

Command	Status
0*	Full Lamp mode
1*	Half Lamp mode-1
2*	Half Lamp mode-2
*? ? ? ? ? ? ? ? ? ? / ?	
0= ? ? ? ? ?	
1= No.1? ? ? ? ? No.2? ? ? ? ?	
2= No.2? ? ? ? ? No.1? ? ? ? ?	

2.7 PC Type Read (CR9)

Command	Status
Stand by	Stand by
AV Mode	AV mode
*****	PC preset mode
Go PC adj.	Auto
No signal	No signal
	Error

2.8 Staus 2 (CRA)

Command	Status
00	Video & Audio mute OFF
01	Video mute ON
02	Audio mute ON
03	Video & Audio mute ON