

0. Setup

Cable	Supplied w/ Projector (P/N 645 039 7219)
Connections	Computer: DB9; Projector: 8 Pin DIN Control Port
Pinouts: Transmit	Computer: Pin 3; Projector: Pin 6
Pinouts: Receive	Computer: Pin 2; Projector: Pin 1
Pinouts: Ground	Computer: Pin 5; Projector: Pin 4
Settings	19,200 baud, 8N1
Delimiter	(after each command) CR (0Dh) (NO LF)
Interval	Command: 100+ ms; Status Read: 200+ ms

1. Control Commands

Function	X1100/X986	X1000/X985
Power ON	C00	C00
Compulsory Power OFF	C01	C01
Power OFF	C02	C02
Input-1 Analog mode	CF INPUT1 ANALOG	C05
Input-2 RGB mode	CF INPUT2 ANALOG	C06
Input-2 Video mode	CF INPUT2 VIDEO	C07
Input-3 Video mode	CF INPUT3 VIDEO	C08
Volume?	C09	C09
Volume?	C0A	C0A
Audio mute ON	C0B	C0B
Audio mute OFF	C0C	C0C
No Show ON	C0D	C0D
No Show OFF	C0E	C0E
Regular video image (4:3)	C0F	C0F
Wide video image (16:9)	C10	C10
Menu ON	C1C	C1C
Menu OFF	C1D	C1D
Display clear	C1E	C1E
Input-1 Digital mode	CF INPUT1 DIGITAL	C22
Input-3 S-Video mode	CF INPUT3 S-VIDEO	C24
Input-2 Component mode	CF INPUT2 YPBPR	C25
Input-3 Component mode	CF INPUT3 YPBPR	C26
Image	C27	C27
D.Zoom?	C30	C30
D.Zoom?	C31	C31
Pointer right	C3A	C3A
Pointer left	C3B	C3B
Pointer up	C3C	C3C
Pointer down	C3D	C3D
Right click	-	C3E
Select	C3F	C3F
Freeze ON	C43	C43
Freeze OFF	C44	C44
Zoom down	C46	C46
Zoom up	C47	C47
Focus down	C4A	C4A
Focus up	C4B	C4B
Lens shift up	C5D	C5D
Lens shift down	C5E	C5E
Zoom mode	-	C80
Focus mode	-	C87
Lens shift mode	-	C88
Auto PC Adj.	C89	C89
Presen timer	C8A	C8A
Keystone +	C8E	C8E
Keystone -	C8F	C8F

2. Status Read Commands

Function	X1100/X986	X1000/X985
Power Status Read	CR0	CR0
Input mode Read	CR1	CR1
Lamp time Read	CR3	CR3
Setting Read	CR4	CR4
Temp. Read	CR6	CR6

2.1 Power Status - CR0 Reply Reply

Power ON	0	0
Stand by	80	80
Count down	40	40
Cooling down	20	20
Power abnormality	10	10
Temperature abnormality	28	28
Temperature abnormality	8	8
Temperature abnormality	88	88
Key input prohibition	2	2
Power Management Cooling	24	24
Power Management	4	4

2.2 Input Mode - CR1 Reply Reply

Input-1 mode	0	0
Input-2 mode	1	1
Input-3 mode	2	2

2.3 Lamp Time - CR3 Reply Reply

4 digit	****	****
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2.4 Setting Read - CR4 Reply Reply

Normally	11	11
Top/Bottom reversal	10	10
Left/Right reversal	1	1
Top/Bottom & Left/Right	0	0

2.5 Temp. Read - CR6 Reply Reply

Temperature value	TBA	TBA
	TBA	TBA