

## RS-232 Control Setup

Computer	LC-X999, 984, 990, 983	LC-XGA980U/E, 982U & 870U	LC-XGA970/UE & 860
Cable	Supplied (P/N AT-72021)	Supplied (P/N 645 026 6843)	Supplied (P/N 645 026 6843)
Serial port	8 Pin DIN (Control Port 2)	12 Pin DIN (Control Port 2)	12 Pin DIN (Control Port 2)
Pin 3 DB9	~ Pin 6 Ctrl: Transmit	~ Pin 3 Ctrl: Transmit	~ Pin 3 Ctrl: Transmit
Pin 2 DB9	~ Pin 1 Ctrl: Receive	~ Pin 2 Ctrl: Receive	~ Pin 2 Ctrl: Receive
Pin 5 DB9	~ Pin 4 Ctrl: Ground	~ Pin 9 Ctrl: Ground	~ Pin 9 Ctrl: Ground
Delay	40 ms between commands	40 ms between commands	40 ms between commands
Settings	19,200 baud, 8N1	19,200 baud, 8N1	19,200 baud, 8N1

## RS-232 Control Commands

	Ascii	Hex	LC-X999, 984, 990, 983	LC-XGA980U/E, 982U & 870U	LC-XGA970/UE & 860
Separator	CR LF	0Dh 0Ah	After each command/reply	After each command/reply	After each command/reply
Commands	C00	43h 30h 30h	Power On	Power On	Power On
	C01	43h 30h 31h	Compulsory Power Off	Compulsory Power Off	Compulsory Power Off
	C02	43h 30h 32h	Power Off	Power Off	Power Off
	C05	43h 30h 35h	Mode Computer 1	Mode Computer 1	Mode Computer 1
	C06	43h 30h 36h	Mode Computer 2	Mode Computer 2	Mode Computer 2
	C07	43h 30h 37h	Mode Video	Mode Video	Mode Video
	C09	43h 30h 39h	Volume +	Volume +	Volume +
	C0A	43h 30h 41h	Volume -	Volume -	Volume -
	C0B	43h 30h 42h	Sound Mute On	Sound Mute On	Sound Mute On
	C0C	43h 30h 43h	Sound Mute Off	Sound Mute Off	Sound Mute Off
	C0D	43h 30h 44h	Video Mute On	Video Mute On	Video Mute On
	C0E	43h 30h 45h	Video Mute Off	Video Mute Off	Video Mute Off
	C0F	43h 30h 46h	Regular Video Image (4:3)	Regular Video (4:3)	Regular Video (4:3)
	C10	43h 31h 30h	Wide Video Image (16:9)	Wide Video (16:9)	Wide Video (16:9)
	C1C	43h 31h 43h	Menu On	Menu On	Menu On
	C1D	43h 31h 44h	Menu Off	Menu Off	Menu Off
	C1E	43h 31h 45h	Clear Display	Clear Display	Clear Display
	C1F	43h 31h 46h	Normal	Normal	Normal
	C30	43h 33h 30h	Digital Zoom +		
	C31	43h 33h 31h	Digital Zoom -		
	C3A	43h 33h 41h	Pointer Right	Pointer Right	Pointer Right
	C3B	43h 33h 42h	Pointer Left	Pointer Left	Pointer Left
	C3C	43h 33h 43h	Pointer Up	Pointer Up	Pointer Up
	C3D	43h 33h 44h	Pointer Down	Pointer Down	Pointer Down
	C3E	43h 33h 45h	Front Click	Front Click	
	C3F	43h 33h 46h	Select	Enter	Enter
	C42	43h 34h 32h			System
	C43	43h 34h 33h	Freeze ON	Freeze ON / OFF	Freeze On
	C44	43h 34h 34h	Freeze OFF		Freeze Off
	C46	43h 34h 36h	Zoom Down	Zoom Down	
	C47	43h 34h 37h	Zoom Up	Zoom Up	
	C49	43h 34h 39h			Fine Sync +
	C4A	43h 34h 41h	Focus Down	Focus Down	
	C4B	43h 34h 42h	Focus Up	Focus Up	
	C4D	43h 34h 44h			Fine Sync -
	C80	43h 38h 30h	Zoom Mode		Zoom
	C87	43h 38h 37h	Focus Mode		Focus
	C88	43h 38h 38h	Digital Zoom	Digital Zoom	
	C89	43h 38h 39h	Auto Image	Auto Image	
	C8A	43h 38h 41h	Presentation Timer	Presentation Timer	
	C8B			No Show	
	C8E	43h 38h 45h	Keystone +		
	C8F	43h 38h 46h	Keystone -		

Eiki International, Inc. Tel: 800-322-3454, Fax: 800-Inc. Tel: 800-322-3454, Fax: 800-457-3454, E-mail: usa@eiki.cc

In Canada: Tel: 800-563-3454, Fax: 800-567-4669, E-mail: canada@eiki.cc

Fax-on-Demand: 877-345-4329 Wax-on-Demand: 877-345-4329 Website: <http://www.eiki.co>

## RS-232 Status Checks

Ascii    Hex    LC-X999, 984, 990, 983

Separator	CR LF	0Dh 0Ah	After each command/reply
-----------	-------	---------	--------------------------

Command	CR0	43h 52h 30h	<b>Projector Condition?</b>
Reply	00ACK	30h 30h 06h	Power ON
	80ACK	38h 30h 06h	Stand By
	40ACK	34h 30h 06h	Count Down
	20ACK	32h 30h 06h	Cool Down
	10ACK	31h 30h 06h	Power Abnormality
	88ACK	38h 38h 06h	Temperature Abnormality
	28ACK	32h 38h 06h	Temperture Abnormality
	02ACK	30h 32h 06h	Key Input Prohibition

Command	CR1	43h 52h 31h	<b>Active Input Mode?</b>
Reply	1ACK	31h 06h	Computer 1
	2ACK	32h 06h	Computer 2
	3ACK	33h 06h	Video

Command	CR3	43h 52h 33h	<b>Lamp Time?</b>
Reply	****ACK	**** 06h	4 Digit

Command	CR4	43h 52h 34h	<b>Image Orientation?</b>
Reply	11ACK	31h 31h 06h	Normal
	10ACK	31h 30h 06h	Top/Bottom Reversal
	01ACK	30h 31h 06h	Left/Right Reversal
	00ACK	30h 30h 06h	Top/Bottom & Left/Right