

RS232 Command List

1. Connection	
1.1 Port Setting	
Method	Asynchronous communication
Bits per seconds	19200
Data bits	8
Parity	none
Stop bits	1
Flow control	none
1.2 Wiring	
Connect the computer and projector with RS232 cross cable	
2. Communication	
2.1 The Projector command is defined one command/one line that starts "C" and ends carriage return CR .	
2.2 There are two types of command, functional execution commands and status read commands	
2.3 Response for status read command after accepting has different characters.	
Example:	
A. Functional execution command:	
Power ON command is sent to the projector with "C00" CR, the projector returns a "ACK CR or NAK CR code	
PC --> Projector "C" "0" "0" CR	
Projector --> PC processing command	ACK (or NAK) CR
B. Status read command:	
Power Status command is sent to the projector with "CR0" CR, the projector returns a power status plus CR or NAK CR code	
PC --> Projector "C" "R" "0" CR	
Projector --> PC processing command	"0" "0" "0" (or NAK) CR
3. Command List	

Command (HEX+CR)	Function	Dorado 4K	Vela 4K	Yogapro 4K
C00(43 30 30 0D)	POWER ON	o	o	o
C01(43 30 31 0D)	POWER OFF(Power OFF immediately)	o	o	o
C02(43 30 32 0D)	POWER OFF	o	o	o
C36(43 33 36 0D)	HDMI 1	o	o	o
C37(43 33 38 0D)	HDMI 2	o	o	o
C38(43 33 37 0D)	HDBASET Or CAST (Optional)	o	o	o
C16(43 31 36 0D)	USB_A	o	o	o
C1C(43 31 43 0D)	Menu on	o	o	o
C1D(43 31 44 0D)	Menu off	o	o	o
C43(43 34 33 0D)	Still on	o	o	o
C44(43 34 34 0D)	Still off	o	o	o
C0D(43 30 44 0D)	Blank on	o	o	o
C0E(43 30 45 0D)	Blank off	o	o	o
C09(43 30 39 0D)	Volume +	x	x	o
C0A(43 30 41 0D)	Volume -	x	x	o
C30(43 33 30 0D)	Digital zoom +(仅HDMI通道)	o	o	o
C31(43 33 31 0D)	Digital zoom -(仅HDMI通道)	o	o	o
C27(43 32 37 0D)	IMAGE (Toggle)	o	o	o
C0F(43 30 46 0D)	Screen Normal size(Auto)	x	x	o
C10(43 31 30 0D)	Screen Wide size(16:9)	x	x	o
C11(43 31 31 0D)	4:3	x	x	o
C12(43 31 32 0D)	16:10	x	x	o
C13(43 31 33 0D)	Full	x	x	o
C14(43 31 34 0D)	Screen mode	x	x	o
C28(43 32 38 0D)	Direct on Enable	o	o	o
C29(43 32 39 0D)	Direct on Disable	o	o	o
C3A(43 33 41 0D)	POINTER RIGHT	o	o	o
C3B(43 33 42 0D)	POINTER LEFT	o	o	o
C3C(43 33 43 0D)	POINTER UP	o	o	o
C3D(43 33 44 0D)	POINTER DOWN	o	o	o
C3F(43 33 46 0D)	ENTER(OK)	o	o	o
CR3(43 52 33 0D)	Light Timer Read	o	o	o
CR1(43 52 31 0D)	Get the information of input source	o	o	o
	HDMI 1			
	HDMI 2			
	HDBASET Or CAST (Optional)			
	USB_A			
CR4(43 52 34 00)	Get screen setting status:	o	o	o
	"11":Normal screen setting			
	"10":Rear & Ceiling ON			
	"01":Rear ON			
	"00":Ceiling ON			
	"20": Auto Ceiling & Rear ON			
	"21":Auto Ceiling & Rear OFF			
CR6(43 52 36 0D)	Get the temperature data inside the projector:	o	o	o
	"%1_%2_%3":			
	%1=Temperature of Sensor 1			
	%2=Temperature of Sensor 2			
	%3=Temperature of Sensor 3			
	Temperature data is shown as "00.0"			
CR7(43 52 37 0D)	Get the Light mode status:	o	o	o
	"00" Light is off			
	"01" Light is on			
CW PJWAY 0(43 57 20 50 4A 57 41 59 20 30 0D)	Front	o	o	o
CW PJWAY 1(43 57 20 50 4A 57 41 59 20 31 0D)	Rear	o	o	o
CW PJWAY 2(43 57 20 50 4A 57 41 59 20 32 0D)	Ceiling/Front	o	o	o
CW PJWAY 3(43 57 20 50 4A 57 41 59 20 33 0D)	Ceiling/Rear	o	o	o