

DLP®プロジェクター RICOH PJ WX4240N/X4240N

シリアルコマンド資料



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本機はサービス用USB mini-BポートとPCをUSB接続することにより、PCからRS-232Cコマンド制御をすることが可能です。

ご使用の際は、PCにUSB to RS232変換アダプターコントローラー用ドライバーをインストールする必要があります。詳しくはサービス実施店にお問い合わせください。

●Format

<Command format>

Header: #
 Delimiter CR (0x0Dh)
 Command 3Byte (ASCII Character)
 Parameter Variable length
 (If the command has a parameter, place a colon before the parameter.)

<Response format>

Header: '='
 Delimiter CR (0x0Dh)
 Command 3Byte (ASCII Character, command echo)
 Parameter Variable length
 (If the command has a parameter, place a colon before the parameter.)

●Details and examples

<Execution Command>

Command
 # 'X' 'X' 'X' 'X' CR
 PARAM: None

Example
 Turn on the projector (Success)
 # 'P' 'O' 'N' CR

<Adjustment command>

Get

'X' 'X' 'X' 'X' CR
 PARAM: None

Example
 Get the volume (25)
 # 'V' 'V' 'L' CR

Set

'X' 'X' 'X' 'X' : PARAM CR

PARAM: [ASCII number] Set the value(+)
 '+' [ASCII number] Set the value(+)
 '-' [ASCII number] Set the value(-)
 'I' 'N' 'C' Increment the value (+1)
 'D' 'E' 'C' Decrement the value(-1)
 'M' 'A' 'X' Maximize the value
 'M' 'I' 'N' Minimize the value
 'I' 'N' 'I' initialize the value

Example
 Set the Contrast (-3)
 # 'V' 'C' 'N' : '-' '3' CR

Increment the Brightness (+3 -> +4)
 # 'V' 'B' 'R' : 'I' 'N' 'C' CR

Initialize the V Keystone (0)
 # 'P' 'K' 'S' : 'I' 'N' 'I' CR

<Setting Command>

Get

'X' 'X' 'X' 'X' CR
 PARAM: None

Example
 Get the language (English = 0)
 # 'L' 'N' 'G' CR

Set

'X' 'X' 'X' 'X' : PARAM CR

PARAM: [ASCII number] Set the value (See the conversion table.)
 'I' 'N' 'I' initialize the value

Example
 Set the language (Japanese = 10)
 # 'L' 'N' 'G' : 'I' '0' CR

Initialize the projection mode (standard = 0)
 # 'P' 'J' 'M' : 'I' 'N' 'I' CR

●Response of Illegal command

<Unsupported command>

Example
 Unknown Command
 # 'A' 'B' 'C' CR

Unknown Parameter
 # 'P' 'J' 'M' : 'X' 'Y' 'Z' CR

Response

'=' 'X' 'X' 'X' 'X' : 'S' 'C' ID CR

ID:Result(ASCII Character)
 0:Default
 Other: Reserved

'=' 'P' 'O' 'N' : 'S' 'C' '0' CR

'=' 'X' 'X' 'X' 'X' : PARAM CR

PARAM: Current value
 The parameter has no '0' in front of actual value.
 If the range of parameter includes negative value, the parameter other than 0 has a sign.
 If the range of parameter does not includes negative value, the parameter has no sign.

'=' 'V' 'V' 'L' : '2' '5' CR

'=' 'X' 'X' 'X' 'X' : PARAM CR

PARAM: Value after setting
 The parameter has no '0' in front of actual value.
 If the range of parameter includes negative value, the parameter other than 0 has a sign.
 If the range of parameter does not includes negative value, the parameter has no sign.

'=' 'V' 'C' 'N' : '-' '3' CR

'=' 'V' 'B' 'R' : '+' '4' CR

'=' 'P' 'K' 'S' : '0' CR

'=' 'X' 'X' 'X' 'X' : PARAM CR

PARAM: Current value (ASCII number. See the conversion table in the command list.)

'=' 'L' 'N' 'G' : '0' CR

'=' 'X' 'X' 'X' 'X' : PARAM CR

PARAM: The value after setting

'=' 'L' 'N' 'G' : 'I' '0' CR

'=' 'P' 'J' 'M' : '0' CR

'=' 'E' 'R' ID CR

ID:Error number(ASCII character)
 0: Default
 Other: Reserved

'=' 'E' 'R' '0' CR

'=' 'E' 'R' '0' CR

RICOH Projector X3340/X4240 Series RS232C Command List

Function	Command Name	SET								Command	Response	
		EXE	GET	(val)	INC	DEC	MAX	MIN	INI			
実行コマンド												
Execution Group (Following State is Each Execution State)												
Turn On (in STANDBY state)	PON	O	X	X	X	X	X	X	X	#	'P' 'O' 'N' CR	'P' 'O' 'N' ' ' 'S' 'C' ID CR
Turn Off	POF	O	X	X	X	X	X	X	X	#	'P' 'O' 'F' CR	'P' 'O' 'F' ' ' 'S' 'C' ID CR
Shutdown	PSD	O	X	X	X	X	X	X	X	#	'P' 'S' 'D' CR	'P' 'S' 'D' ' ' 'S' 'C' ID CR
Status Display	DON	O	X	X	X	X	X	X	X	#	'D' 'O' 'N' CR	'D' 'O' 'N' ' ' 'S' 'C' ID CR
Erase OSD	DOF	O	X	X	X	X	X	X	X	#	'D' 'O' 'F' CR	'D' 'O' 'F' ' ' 'S' 'C' ID CR
Auto Setting @ Analog Computer	PAT	O	X	X	X	X	X	X	X	#	'P' 'A' 'T' CR	'D' 'P' 'R' ' ' 'S' 'C' ID CR
Reset All	DPR	O	X	X	X	X	X	X	X	#	'D' 'P' 'R' CR	'D' 'P' 'R' ' ' 'S' 'C' ID CR
Input Search (when Auto Input Search is ON)	INS	O	X	X	X	X	X	X	X	#	'I' 'N' 'S' CR	'I' 'N' 'S' ' ' 'S' 'C' ID CR
Key Control Group												
"UP" Key	KUP	O	X	X	X	X	X	X	X	#	'K' 'U' 'P' CR	'K' 'U' 'P' ' ' 'S' 'C' ID CR
"DOWN" Key	KDN	O	X	X	X	X	X	X	X	#	'K' 'D' 'N' CR	'K' 'D' 'N' ' ' 'S' 'C' ID CR
"LEFT" Key	KLE	O	X	X	X	X	X	X	X	#	'K' 'L' 'E' CR	'K' 'L' 'E' ' ' 'S' 'C' ID CR
"RIGHT" Key	KRI	O	X	X	X	X	X	X	X	#	'K' 'R' 'I' CR	'K' 'R' 'I' ' ' 'S' 'C' ID CR
"ON/STANDBY" Key	KON	O	X	X	X	X	X	X	X	#	'K' 'O' 'N' CR	'K' 'O' 'N' ' ' 'S' 'C' ID CR
"MENU" Key	KMN	O	X	X	X	X	X	X	X	#	'K' 'M' 'N' CR	'K' 'M' 'N' ' ' 'S' 'C' ID CR
"ENTER" Key	KEN	O	X	X	X	X	X	X	X	#	'K' 'E' 'N' CR	'K' 'E' 'N' ' ' 'S' 'C' ID CR
"INPUT" Key	KIN	O	X	X	X	X	X	X	X	#	'K' 'I' 'N' CR	'K' 'I' 'N' ' ' 'S' 'C' ID CR
"MUTE" Key	KMT	O	X	X	X	X	X	X	X	#	'K' 'M' 'T' CR	'K' 'M' 'T' ' ' 'S' 'C' ID CR
"FOCUS" Key	KFC	O	X	X	X	X	X	X	X	#	'K' 'F' 'C' CR	'K' 'F' 'C' ' ' 'S' 'C' ID CR
"ECO" Key	KEC	O	X	X	X	X	X	X	X	#	'K' 'E' 'C' CR	'K' 'E' 'C' ' ' 'S' 'C' ID CR
Slide Show Control Group												
Move to root directory - Thumbnail	OMR	O	X	X	X	X	X	X	X	#	'O' 'M' 'R' CR	'O' 'M' 'R' ' ' 'S' 'C' ID CR
Move to top file in directory - Thumbnail	OMT	O	X	X	X	X	X	X	X	#	'O' 'M' 'T' CR	'O' 'M' 'T' ' ' 'S' 'C' ID CR
Move thumbnail cursor up	OCU	O	X	X	X	X	X	X	X	#	'O' 'C' 'U' CR	'O' 'C' 'U' ' ' 'S' 'C' ID CR
Move thumbnail cursor down	OCD	O	X	X	X	X	X	X	X	#	'O' 'C' 'D' CR	'O' 'C' 'D' ' ' 'S' 'C' ID CR
Move thumbnail cursor left	OCL	O	X	X	X	X	X	X	X	#	'O' 'C' 'L' CR	'O' 'C' 'L' ' ' 'S' 'C' ID CR
Move thumbnail cursor right	OCR	O	X	X	X	X	X	X	X	#	'O' 'C' 'R' CR	'O' 'C' 'R' ' ' 'S' 'C' ID CR
Display previous JPEG file	OSP	O	X	X	X	X	X	X	X	#	'O' 'S' 'P' CR	'O' 'S' 'P' ' ' 'S' 'C' ID CR
Display next JPEG file	OSN	O	X	X	X	X	X	X	X	#	'O' 'S' 'N' CR	'O' 'S' 'N' ' ' 'S' 'C' ID CR
Switch to auto slide mode	OSA	O	X	X	X	X	X	X	X	#	'O' 'S' 'A' CR	'O' 'S' 'A' ' ' 'S' 'C' ID CR
Switch to manual slide mode	OSM	O	X	X	X	X	X	X	X	#	'O' 'S' 'M' CR	'O' 'S' 'M' ' ' 'S' 'C' ID CR
Stop JPEG slide show	OSS	O	X	X	X	X	X	X	X	#	'O' 'S' 'S' CR	'O' 'S' 'S' ' ' 'S' 'C' ID CR
USB Execute Group												
Unplug USB Device	OUD	O	X	X	X	X	X	X	X	#	'O' 'U' 'D' CR	'O' 'U' 'D' ' ' 'S' 'C' ID CR
Network Execute Group												
Initialize all settings in Network unit	OIA	O	X	X	X	X	X	X	X	#	'O' 'I' 'A' CR	'O' 'I' 'A' ' ' 'S' 'C' ID CR
Initialize wireless LAN settings	OIN	O	X	X	X	X	X	X	X	#	'O' 'I' 'N' CR	'O' 'I' 'N' ' ' 'S' 'C' ID CR
設定コマンド												
Setting Group (Following State is "UART 0 Setting" with OSD)												
Picture Mode	PIC	X	O	X	X	X	X	X	X	#	'P' 'I' 'C' CR	'P' 'I' 'C' ' ' 'PARAM : 0 to 2' CR
PictureMode 1(Bright) = 0		X	O	O	X	X	X	X	X	#	'P' 'I' 'C' ' ' '0' CR	'P' 'I' 'C' ' ' '0' CR
PictureMode 2(Standard) = 1		X	O	O	X	X	X	X	X	#	'P' 'I' 'C' ' ' '1' CR	'P' 'I' 'C' ' ' '1' CR
PictureMode 3(Natural) = 2		X	O	O	X	X	X	X	X	#	'P' 'I' 'C' ' ' '2' CR	'P' 'I' 'C' ' ' '2' CR
PictureMode 4(DICOM Sim. Mode) = 3		X	O	O	X	X	X	X	X	#	'P' 'I' 'C' ' ' '3' CR	'P' 'I' 'C' ' ' '3' CR
Default		X	O	X	X	X	X	X	O	#	'P' 'I' 'C' ' ' 'T' 'N' 'T' CR	'P' 'I' 'C' ' ' '0' CR
Noise Reduction	NRE	X	O	X	X	X	X	X	X	#	'N' 'R' 'E' CR	'N' 'R' 'E' ' ' 'PARAM : 0 to 1' CR
Noise Reduction Off = 0		X	O	O	X	X	X	X	X	#	'N' 'R' 'E' ' ' '0' CR	'N' 'R' 'E' ' ' '0' CR
Noise Reduction On = 1		X	O	O	X	X	X	X	X	#	'N' 'R' 'E' ' ' '1' CR	'N' 'R' 'E' ' ' '1' CR
Default		X	O	X	X	X	X	X	O	#	'N' 'R' 'E' ' ' 'T' 'N' 'T' CR	'N' 'R' 'E' ' ' '0' CR
RGB Input Range	RRI	X	O	X	X	X	X	X	X	#	'R' 'R' 'I' CR	'R' 'R' 'I' ' ' 'PARAM : 0 to 1' CR
Standard = 0		X	O	O	X	X	X	X	X	#	'R' 'R' 'I' ' ' '0' CR	'R' 'R' 'I' ' ' '0' CR
Full = 1		X	O	O	X	X	X	X	X	#	'R' 'R' 'I' ' ' '1' CR	'R' 'R' 'I' ' ' '1' CR
Auto = 2		X	O	O	X	X	X	X	X	#	'R' 'R' 'I' ' ' '2' CR	'R' 'R' 'I' ' ' '2' CR
Default		X	O	X	X	X	X	X	O	#	'R' 'R' 'I' ' ' 'T' 'N' 'T' CR	'R' 'R' 'I' ' ' '2' CR
Auto Keystone	AAK	X	O	X	X	X	X	X	X	#	'A' 'A' 'K' CR	'A' 'A' 'K' ' ' 'PARAM : 0 to 1' CR
Off = 0		X	O	O	X	X	X	X	X	#	'A' 'A' 'K' ' ' '0' CR	'A' 'A' 'K' ' ' '0' CR
On = 1		X	O	O	X	X	X	X	X	#	'A' 'A' 'K' ' ' '1' CR	'A' 'A' 'K' ' ' '1' CR
Default		X	O	X	X	X	X	X	O	#	'A' 'A' 'K' ' ' 'T' 'N' 'T' CR	'A' 'A' 'K' ' ' '1' CR
Aspect	SCS	X	O	X	X	X	X	X	X	#	'S' 'C' 'S' CR	'S' 'C' 'S' ' ' 'PARAM : 0 to 4' CR
Screen Size (Normal) = 0		X	O	O	X	X	X	X	X	#	'S' 'C' 'S' ' ' '0' CR	'S' 'C' 'S' ' ' '0' CR
Screen Size (16:9) = 1		X	O	O	X	X	X	X	X	#	'S' 'C' 'S' ' ' '1' CR	'S' 'C' 'S' ' ' '1' CR
Screen Size (Full) = 2		X	O	O	X	X	X	X	X	#	'S' 'C' 'S' ' ' '2' CR	'S' 'C' 'S' ' ' '2' CR
Screen Size (Native) = 3		X	O	O	X	X	X	X	X	#	'S' 'C' 'S' ' ' '3' CR	'S' 'C' 'S' ' ' '3' CR
Screen Size (Zoom) = 4 (WX3340/NWX4240 only)		X	O	O	X	X	X	X	X	#	'S' 'C' 'S' ' ' '4' CR	'S' 'C' 'S' ' ' '4' CR
Default		X	O	X	X	X	X	X	O	#	'S' 'C' 'S' ' ' 'T' 'N' 'T' CR	'S' 'C' 'S' ' ' '0' CR
Wall Color Mode	BBM	X	O	X	X	X	X	X	X	#	'B' 'B' 'M' CR	'B' 'B' 'M' ' ' 'PARAM : 0 to 5' CR
Off = 0		X	O	O	X	X	X	X	X	#	'B' 'B' 'M' ' ' '0' CR	'B' 'B' 'M' ' ' '0' CR
Whiteboard = 1		X	O	O	X	X	X	X	X	#	'B' 'B' 'M' ' ' '1' CR	'B' 'B' 'M' ' ' '1' CR
Beige = 2		X	O	O	X	X	X	X	X	#	'B' 'B' 'M' ' ' '2' CR	'B' 'B' 'M' ' ' '2' CR

Function	Command Name	SET						Command	Response	
		EXE	GET	(val)	INC	DEC	MAX			MIN
設定コマンド										
Setting Group (Following State is "UART 0 Setting" with OSD)										
Gray = 3		X	O	O	X	X	X	X	# 'B' 'B' 'M' ' ' '3' CR	'B' 'B' 'M' ' ' '3' CR
Blackboard(Green) = 4		X	O	O	X	X	X	X	# 'B' 'B' 'M' ' ' '4' CR	'B' 'B' 'M' ' ' '4' CR
Default		X	O	X	X	X	X	O	# 'B' 'B' 'M' ' ' 'T' 'N' 'T' CR	'B' 'B' 'M' ' ' '0' CR
3D Projection	DPJ	X	O	X	X	X	X	X	# 'D' 'P' 'J' ' ' '0' CR	'D' 'P' 'J' ' ' '0' CR
Off = 0		X	O	O	X	X	X	X	# 'D' 'P' 'J' ' ' '0' CR	'D' 'P' 'J' ' ' '0' CR
On = 1		X	O	O	X	X	X	X	# 'D' 'P' 'J' ' ' '1' CR	'D' 'P' 'J' ' ' '1' CR
Default		X	O	X	X	X	X	O	# 'D' 'P' 'J' ' ' 'T' 'N' 'T' CR	'D' 'P' 'J' ' ' '0' CR
3D LR Reverse	LRR	X	O	X	X	X	X	X	# 'L' 'R' 'R' ' ' '0' CR	'L' 'R' 'R' ' ' '0' CR
Normal = 0		X	O	O	X	X	X	X	# 'L' 'R' 'R' ' ' '0' CR	'L' 'R' 'R' ' ' '0' CR
Reverse = 1		X	O	O	X	X	X	X	# 'L' 'R' 'R' ' ' '1' CR	'L' 'R' 'R' ' ' '1' CR
Default		X	O	X	X	X	X	O	# 'L' 'R' 'R' ' ' 'T' 'N' 'T' CR	'L' 'R' 'R' ' ' '0' CR
3D Format	TDF	X	O	X	X	X	X	X	# 'T' 'D' 'F' ' ' '0' CR	'T' 'D' 'F' ' ' '0' CR
Auto = 0		X	O	O	X	X	X	X	# 'T' 'D' 'F' ' ' '0' CR	'T' 'D' 'F' ' ' '0' CR
Frame sequential = 1		X	O	O	X	X	X	X	# 'T' 'D' 'F' ' ' '1' CR	'T' 'D' 'F' ' ' '1' CR
Side by Side = 2		X	O	O	X	X	X	X	# 'T' 'D' 'F' ' ' '2' CR	'T' 'D' 'F' ' ' '2' CR
Top and Bottom = 3		X	O	O	X	X	X	X	# 'T' 'D' 'F' ' ' '3' CR	'T' 'D' 'F' ' ' '3' CR
Frame Packing = 4		X	O	O	X	X	X	X	# 'T' 'D' 'F' ' ' '3' CR	'T' 'D' 'F' ' ' '3' CR
Default		X	O	X	X	X	X	O	# 'T' 'D' 'F' ' ' 'T' 'N' 'T' CR	'T' 'D' 'F' ' ' '0' CR
Closed Caption	CCM	X	O	X	X	X	X	X	# 'C' 'C' 'M' ' ' '0' CR	'C' 'C' 'M' ' ' '0' CR
Off = 0		X	O	O	X	X	X	X	# 'C' 'C' 'M' ' ' '0' CR	'C' 'C' 'M' ' ' '0' CR
CC-1 = 1		X	O	O	X	X	X	X	# 'C' 'C' 'M' ' ' '1' CR	'C' 'C' 'M' ' ' '1' CR
CC-2 = 2		X	O	O	X	X	X	X	# 'C' 'C' 'M' ' ' '2' CR	'C' 'C' 'M' ' ' '2' CR
CC-3 = 3		X	O	O	X	X	X	X	# 'C' 'C' 'M' ' ' '3' CR	'C' 'C' 'M' ' ' '3' CR
CC-4 = 4		X	O	O	X	X	X	X	# 'C' 'C' 'M' ' ' '4' CR	'C' 'C' 'M' ' ' '4' CR
Default		X	O	X	X	X	X	O	# 'C' 'C' 'M' ' ' 'T' 'N' 'T' CR	'C' 'C' 'M' ' ' '0' CR
Eco Mode	LPP	X	O	X	X	X	X	X	# 'L' 'P' 'P' ' ' '0' CR	'L' 'P' 'P' ' ' '0' CR
On (Auto) = 0		X	O	O	X	X	X	X	# 'L' 'P' 'P' ' ' '0' CR	'L' 'P' 'P' ' ' '0' CR
On (Detailed) = 1		X	O	O	X	X	X	X	# 'L' 'P' 'P' ' ' '1' CR	'L' 'P' 'P' ' ' '1' CR
Off = 2		X	O	O	X	X	X	X	# 'L' 'P' 'P' ' ' '2' CR	'L' 'P' 'P' ' ' '2' CR
Default		X	O	X	X	X	X	O	# 'L' 'P' 'P' ' ' 'T' 'N' 'T' CR	'L' 'P' 'P' ' ' '0' CR
Lamp Power	LPM	X	O	X	X	X	X	X	# 'L' 'P' 'M' ' ' '0' CR	'L' 'P' 'M' ' ' '0' CR
Auto = 0		X	O	O	X	X	X	X	# 'L' 'P' 'M' ' ' '0' CR	'L' 'P' 'M' ' ' '0' CR
Maximum = 1		X	O	O	X	X	X	X	# 'L' 'P' 'M' ' ' '1' CR	'L' 'P' 'M' ' ' '1' CR
High = 2		X	O	O	X	X	X	X	# 'L' 'P' 'M' ' ' '2' CR	'L' 'P' 'M' ' ' '2' CR
Medium = 3		X	O	O	X	X	X	X	# 'L' 'P' 'M' ' ' '3' CR	'L' 'P' 'M' ' ' '3' CR
Low = 4		X	O	O	X	X	X	X	# 'L' 'P' 'M' ' ' '4' CR	'L' 'P' 'M' ' ' '4' CR
Default		X	O	X	X	X	X	O	# 'L' 'P' 'M' ' ' 'T' 'N' 'T' CR	'L' 'P' 'M' ' ' '0' CR
Lamp Power on No Signal	NSL	X	O	X	X	X	X	X	# 'N' 'S' 'L' ' ' '0' CR	'N' 'S' 'L' ' ' '0' CR
Eco = 0		X	O	O	X	X	X	X	# 'N' 'S' 'L' ' ' '0' CR	'N' 'S' 'L' ' ' '0' CR
Standard = 1		X	O	O	X	X	X	X	# 'N' 'S' 'L' ' ' '1' CR	'N' 'S' 'L' ' ' '1' CR
Default		X	O	X	X	X	X	O	# 'N' 'S' 'L' ' ' 'T' 'N' 'T' CR	'N' 'S' 'L' ' ' '0' CR
Image Eco	IEC	X	O	X	X	X	X	X	# 'I' 'E' 'C' ' ' '0' CR	'I' 'E' 'C' ' ' '0' CR
Off = 0		X	O	O	X	X	X	X	# 'I' 'E' 'C' ' ' '0' CR	'I' 'E' 'C' ' ' '0' CR
On = 1		X	O	O	X	X	X	X	# 'I' 'E' 'C' ' ' '1' CR	'I' 'E' 'C' ' ' '1' CR
Default		X	O	X	X	X	X	O	# 'I' 'E' 'C' ' ' 'T' 'N' 'T' CR	'I' 'E' 'C' ' ' '1' CR
Power Off on No Signal	NPF	X	O	X	X	X	X	X	# 'N' 'P' 'F' ' ' '0' CR	'N' 'P' 'F' ' ' '0' CR
Off = 0		X	O	O	X	X	X	X	# 'N' 'P' 'F' ' ' '0' CR	'N' 'P' 'F' ' ' '0' CR
On(5min) = 1		X	O	O	X	X	X	X	# 'N' 'P' 'F' ' ' '1' CR	'N' 'P' 'F' ' ' '1' CR
On(10min) = 2		X	O	O	X	X	X	X	# 'N' 'P' 'F' ' ' '2' CR	'N' 'P' 'F' ' ' '2' CR
On(20min) = 3		X	O	O	X	X	X	X	# 'N' 'P' 'F' ' ' '3' CR	'N' 'P' 'F' ' ' '3' CR
On(30min) = 4		X	O	O	X	X	X	X	# 'N' 'P' 'F' ' ' '4' CR	'N' 'P' 'F' ' ' '4' CR
Default		X	O	X	X	X	X	O	# 'N' 'P' 'F' ' ' 'T' 'N' 'T' CR	'N' 'P' 'F' ' ' '4' CR
Power on Standby	ESM	X	O	X	X	X	X	X	# 'E' 'S' 'M' ' ' '0' CR	'E' 'S' 'M' ' ' '0' CR
Eco		X	O	O	X	X	X	X	# 'E' 'S' 'M' ' ' '0' CR	'E' 'S' 'M' ' ' '0' CR
Quick On		X	O	O	X	X	X	X	# 'E' 'S' 'M' ' ' '1' CR	'E' 'S' 'M' ' ' '1' CR
Default		X	O	X	X	X	X	O	# 'E' 'S' 'M' ' ' 'T' 'N' 'T' CR	'E' 'S' 'M' ' ' '0' CR
Network Settings on Standby	SBN	X	O	X	X	X	X	X	# 'S' 'B' 'N' ' ' '0' CR	'S' 'B' 'N' ' ' '0' CR
Wired/Wireless LAN (PJ X3340N/WX3340N/WX4240N only)		X	O	O	X	X	X	X	# 'S' 'B' 'N' ' ' '0' CR	'S' 'B' 'N' ' ' '2' CR
Wired Lan		X	O	O	X	X	X	X	# 'S' 'B' 'N' ' ' '1' CR	'S' 'B' 'N' ' ' '1' CR
Do not Use		X	O	O	X	X	X	X	# 'S' 'B' 'N' ' ' '2' CR	'S' 'B' 'N' ' ' '0' CR
Default		X	O	X	X	X	X	O	# 'S' 'B' 'N' ' ' 'T' 'N' 'T' CR	'S' 'B' 'N' ' ' '1' CR
Auto Input Search	AIS	X	O	X	X	X	X	X	# 'A' 'I' 'S' ' ' '0' CR	'A' 'I' 'S' ' ' '0' CR
Off = 0		X	O	O	X	X	X	X	# 'A' 'I' 'S' ' ' '0' CR	'A' 'I' 'S' ' ' '0' CR
On = 1		X	O	O	X	X	X	X	# 'A' 'I' 'S' ' ' '1' CR	'A' 'I' 'S' ' ' '1' CR
Default		X	O	X	X	X	X	O	# 'A' 'I' 'S' ' ' 'T' 'N' 'T' CR	'A' 'I' 'S' ' ' '1' CR
Interactive Mode	PBS	X	O	X	X	X	X	X	# 'P' 'B' 'S' ' ' '0' CR	'P' 'B' 'S' ' ' '0' CR
Off = 0		X	O	O	X	X	X	X	# 'P' 'B' 'S' ' ' '0' CR	'P' 'B' 'S' ' ' '0' CR
On = 1		X	O	O	X	X	X	X	# 'P' 'B' 'S' ' ' '1' CR	'P' 'B' 'S' ' ' '1' CR
Default		X	O	X	X	X	X	O	# 'P' 'B' 'S' ' ' 'T' 'N' 'T' CR	'P' 'B' 'S' ' ' '0' CR
Computer 2 Terminal	DS2	X	O	X	X	X	X	X	# 'D' 'S' '2' ' ' '0' CR	'D' 'S' '2' ' ' '0' CR
Input = 0		X	O	O	X	X	X	X	# 'D' 'S' '2' ' ' '0' CR	'D' 'S' '2' ' ' '0' CR
Output = 1		X	O	O	X	X	X	X	# 'D' 'S' '2' ' ' '1' CR	'D' 'S' '2' ' ' '1' CR

Function	Command Name	SET							Command	Response		
		EXE	GET	(val)	INC	DEC	MAX	MIN			INI	
設定コマンド												
Setting Group (Following State is "UART 0 Setting" with OSD)												
Default		X	O	X	X	X	X	X	O	# 'D' 'S' 'Z' 'T' 'N' 'T' CR	# 'D' 'S' 'Z' 'T' 'N' 'T' CR	
Beep	BEP	X	O	X	X	X	X	X	X	# 'B' 'E' 'P' CR	# 'B' 'E' 'P' CR	PARAM : 0 to 1 CR
Off = 0		X	O	O	X	X	X	X	X	# 'B' 'E' 'P' '0' CR	# 'B' 'E' 'P' '0' CR	CR
On = 1		X	O	O	X	X	X	X	X	# 'B' 'E' 'P' '1' CR	# 'B' 'E' 'P' '1' CR	CR
Default		X	O	X	X	X	X	X	O	# 'B' 'E' 'P' 'T' 'N' 'T' CR	# 'B' 'E' 'P' 'T' 'N' 'T' CR	CR
Background	BGC	X	O	O	X	X	X	X	X	# 'B' 'G' 'C' CR	# 'B' 'G' 'C' CR	PARAM : 0 to 2 CR
Logo = 0		X	O	O	X	X	X	X	X	# 'B' 'G' 'C' '0' CR	# 'B' 'G' 'C' '0' CR	CR
Blue = 1		X	O	O	X	X	X	X	X	# 'B' 'G' 'C' '1' CR	# 'B' 'G' 'C' '1' CR	CR
None = 2		X	O	O	X	X	X	X	X	# 'B' 'G' 'C' '2' CR	# 'B' 'G' 'C' '2' CR	CR
Default		X	O	X	X	X	X	X	O	# 'B' 'G' 'C' 'T' 'N' 'T' CR	# 'B' 'G' 'C' 'T' 'N' 'T' CR	CR
Display Guidance	ICN	X	O	X	X	X	X	X	X	# 'I' 'C' 'N' CR	# 'I' 'C' 'N' CR	PARAM : 0 to 1 CR
Off = 0		X	O	O	X	X	X	X	X	# 'I' 'C' 'N' '0' CR	# 'I' 'C' 'N' '0' CR	CR
On = 1		X	O	O	X	X	X	X	X	# 'I' 'C' 'N' '1' CR	# 'I' 'C' 'N' '1' CR	CR
Default		X	O	X	X	X	X	X	O	# 'I' 'C' 'N' 'T' 'N' 'T' CR	# 'I' 'C' 'N' 'T' 'N' 'T' CR	CR
Startup Screen	SUS	X	O	X	X	X	X	X	X	# 'S' 'U' 'S' CR	# 'S' 'U' 'S' CR	PARAM : 0 to 1 CR
Off = 0		X	O	O	X	X	X	X	X	# 'S' 'U' 'S' '0' CR	# 'S' 'U' 'S' '0' CR	CR
On = 1		X	O	O	X	X	X	X	X	# 'S' 'U' 'S' '1' CR	# 'S' 'U' 'S' '1' CR	CR
Default		X	O	X	X	X	X	X	O	# 'S' 'U' 'S' 'T' 'N' 'T' CR	# 'S' 'U' 'S' 'T' 'N' 'T' CR	CR
Auto Focus (PJ X3340N/WX3340N only)	AFN	X	O	X	X	X	X	X	X	# 'A' 'F' 'N' CR	# 'A' 'F' 'N' CR	PARAM : 0 to 1 CR
Off = 0		X	O	O	X	X	X	X	X	# 'A' 'F' 'N' '0' CR	# 'A' 'F' 'N' '0' CR	CR
On = 1		X	O	O	X	X	X	X	X	# 'A' 'F' 'N' '1' CR	# 'A' 'F' 'N' '1' CR	CR
Default		X	O	X	X	X	X	X	O	# 'A' 'F' 'N' 'T' 'N' 'T' CR	# 'A' 'F' 'N' 'T' 'N' 'T' CR	CR
Language	LNG	X	O	X	X	X	X	X	X	# 'L' 'N' 'G' CR	# 'L' 'N' 'G' CR	PARAM : 0 to 24 CR
English = 0		X	O	O	X	X	X	X	X	# 'L' 'N' 'G' '0' CR	# 'L' 'N' 'G' '0' CR	CR
Japanese = 1		X	O	O	X	X	X	X	X	# 'L' 'N' 'G' '1' CR	# 'L' 'N' 'G' '1' CR	CR
Spanish = 2		X	O	O	X	X	X	X	X	# 'L' 'N' 'G' '2' CR	# 'L' 'N' 'G' '2' CR	CR
Russian = 3		X	O	O	X	X	X	X	X	# 'L' 'N' 'G' '3' CR	# 'L' 'N' 'G' '3' CR	CR
French = 4		X	O	O	X	X	X	X	X	# 'L' 'N' 'G' '4' CR	# 'L' 'N' 'G' '4' CR	CR
Portuguese = 5		X	O	O	X	X	X	X	X	# 'L' 'N' 'G' '5' CR	# 'L' 'N' 'G' '5' CR	CR
German = 6		X	O	O	X	X	X	X	X	# 'L' 'N' 'G' '6' CR	# 'L' 'N' 'G' '6' CR	CR
Italian = 7		X	O	O	X	X	X	X	X	# 'L' 'N' 'G' '7' CR	# 'L' 'N' 'G' '7' CR	CR
Dutch = 8		X	O	O	X	X	X	X	X	# 'L' 'N' 'G' '8' CR	# 'L' 'N' 'G' '8' CR	CR
Polish = 9		X	O	O	X	X	X	X	X	# 'L' 'N' 'G' '9' CR	# 'L' 'N' 'G' '9' CR	CR
Czech = 10		X	O	O	X	X	X	X	X	# 'L' 'N' 'G' '10' CR	# 'L' 'N' 'G' '10' CR	CR
Swedish = 11		X	O	O	X	X	X	X	X	# 'L' 'N' 'G' '11' CR	# 'L' 'N' 'G' '11' CR	CR
Finnish = 12		X	O	O	X	X	X	X	X	# 'L' 'N' 'G' '12' CR	# 'L' 'N' 'G' '12' CR	CR
Hungarian = 13		X	O	O	X	X	X	X	X	# 'L' 'N' 'G' '13' CR	# 'L' 'N' 'G' '13' CR	CR
Norwegian = 14		X	O	O	X	X	X	X	X	# 'L' 'N' 'G' '14' CR	# 'L' 'N' 'G' '14' CR	CR
Danish = 15		X	O	O	X	X	X	X	X	# 'L' 'N' 'G' '15' CR	# 'L' 'N' 'G' '15' CR	CR
Romanian = 16		X	O	O	X	X	X	X	X	# 'L' 'N' 'G' '16' CR	# 'L' 'N' 'G' '16' CR	CR
Greek = 17		X	O	O	X	X	X	X	X	# 'L' 'N' 'G' '17' CR	# 'L' 'N' 'G' '17' CR	CR
Turkish = 18		X	O	O	X	X	X	X	X	# 'L' 'N' 'G' '18' CR	# 'L' 'N' 'G' '18' CR	CR
Arabic = 19		X	O	O	X	X	X	X	X	# 'L' 'N' 'G' '19' CR	# 'L' 'N' 'G' '19' CR	CR
Thai = 20		X	O	O	X	X	X	X	X	# 'L' 'N' 'G' '20' CR	# 'L' 'N' 'G' '20' CR	CR
Indonesia = 21		X	O	O	X	X	X	X	X	# 'L' 'N' 'G' '21' CR	# 'L' 'N' 'G' '21' CR	CR
Language Chinese S = 22		X	O	O	X	X	X	X	X	# 'L' 'N' 'G' '22' CR	# 'L' 'N' 'G' '22' CR	CR
Language Chinese T = 23		X	O	O	X	X	X	X	X	# 'L' 'N' 'G' '23' CR	# 'L' 'N' 'G' '23' CR	CR
Korean = 24		X	O	O	X	X	X	X	X	# 'L' 'N' 'G' '24' CR	# 'L' 'N' 'G' '24' CR	CR
Default		X	O	X	X	X	X	X	O	# 'L' 'N' 'G' 'T' 'N' 'T' CR	# 'L' 'N' 'G' 'T' 'N' 'T' CR	CR
Projection Mode	PJM	X	O	X	X	X	X	X	X	# 'P' 'J' 'M' CR	# 'P' 'J' 'M' CR	PARAM : 0 to 3 CR
Standard = 0		X	O	O	X	X	X	X	X	# 'P' 'J' 'M' '0' CR	# 'P' 'J' 'M' '0' CR	CR
Rear = 1		X	O	O	X	X	X	X	X	# 'P' 'J' 'M' '1' CR	# 'P' 'J' 'M' '1' CR	CR
Ceiling = 2		X	O	O	X	X	X	X	X	# 'P' 'J' 'M' '2' CR	# 'P' 'J' 'M' '2' CR	CR
Rear Ceiling = 3		X	O	O	X	X	X	X	X	# 'P' 'J' 'M' '3' CR	# 'P' 'J' 'M' '3' CR	CR
Default		X	O	X	X	X	X	X	O	# 'P' 'J' 'M' 'T' 'N' 'T' CR	# 'P' 'J' 'M' 'T' 'N' 'T' CR	CR
Remote Control ID	RCD	X	O	X	X	X	X	X	X	# 'R' 'C' 'D' CR	# 'R' 'C' 'D' CR	PARAM : 0 to 1 CR
ID 1 = 0		X	O	O	X	X	X	X	X	# 'R' 'C' 'D' '0' CR	# 'R' 'C' 'D' '0' CR	CR
ID 2 = 1		X	O	O	X	X	X	X	X	# 'R' 'C' 'D' '1' CR	# 'R' 'C' 'D' '1' CR	CR
ID 3 = 2		X	O	O	X	X	X	X	X	# 'R' 'C' 'D' '2' CR	# 'R' 'C' 'D' '2' CR	CR
ID 4 = 3		X	O	O	X	X	X	X	X	# 'R' 'C' 'D' '3' CR	# 'R' 'C' 'D' '3' CR	CR
Default		X	O	X	X	X	X	X	O	# 'R' 'C' 'D' 'T' 'N' 'T' CR	# 'R' 'C' 'D' 'T' 'N' 'T' CR	CR
Power On Method	APM	X	O	X	X	X	X	X	X	# 'A' 'P' 'M' CR	# 'A' 'P' 'M' CR	PARAM : 0 to 1 CR
Manual = 0		X	O	O	X	X	X	X	X	# 'A' 'P' 'M' '0' CR	# 'A' 'P' 'M' '0' CR	CR
Auto. = 1		X	O	O	X	X	X	X	X	# 'A' 'P' 'M' '1' CR	# 'A' 'P' 'M' '1' CR	CR
Default		X	O	X	X	X	X	X	O	# 'A' 'P' 'M' 'T' 'N' 'T' CR	# 'A' 'P' 'M' 'T' 'N' 'T' CR	CR
High Altitude Mode	FMD	X	O	X	X	X	X	X	X	# 'F' 'M' 'D' CR	# 'F' 'M' 'D' CR	PARAM : 0 to 1 CR
Off = 0		X	O	O	X	X	X	X	X	# 'F' 'M' 'D' '0' CR	# 'F' 'M' 'D' '0' CR	CR
On = 1		X	O	O	X	X	X	X	X	# 'F' 'M' 'D' '1' CR	# 'F' 'M' 'D' '1' CR	CR
Default		X	O	X	X	X	X	X	O	# 'F' 'M' 'D' 'T' 'N' 'T' CR	# 'F' 'M' 'D' 'T' 'N' 'T' CR	CR
Key Lock	KLC	X	O	X	X	X	X	X	X	# 'K' 'L' 'C' CR	# 'K' 'L' 'C' CR	PARAM : 0 to 1 CR
Off = 0		X	O	O	X	X	X	X	X	# 'K' 'L' 'C' '0' CR	# 'K' 'L' 'C' '0' CR	CR
On = 1		X	O	O	X	X	X	X	X	# 'K' 'L' 'C' '1' CR	# 'K' 'L' 'C' '1' CR	CR
Default		X	O	X	X	X	X	X	O	# 'K' 'L' 'C' 'T' 'N' 'T' CR	# 'K' 'L' 'C' 'T' 'N' 'T' CR	CR

Function	Command Name	SET							Command	Response			
		EXE	GET	(val)	INC	DEC	MAX	MIN			INI		
設定コマンド													
Toggle Function Group (Following State is Each Execution State)													
Mute	MUT	X	O	X	X	X	X	X	X	#'M'U'T' CR	'M'U'T'	PARAM : 0 to 1	CR
Mute On = 1		X	O	O	X	X	X	X	X	#'M'U'T' '1' CR	'M'U'T' '1'	CR	
Mute Off = 0		X	O	O	X	X	X	X	X	#'M'U'T' '0' CR	'M'U'T' '0'	CR	
Freeze	FRZ	X	O	X	X	X	X	X	X	#'F'R'Z' CR	'F'R'Z'	PARAM : 0 to 1	CR
Freeze On = 1		X	O	O	X	X	X	X	X	#'F'R'Z' '1' CR	'F'R'Z' '1'	CR	
Freeze Off = 0		X	O	O	X	X	X	X	X	#'F'R'Z' '0' CR	'F'R'Z' '0'	CR	
Resize	RSZ	X	O	X	X	X	X	X	X	#'R'S'Z' CR	'R'S'Z'	PARAM : 0 to 1	CR
Resize State = On (Get Status Only)		X	O	X	X	X	X	X	X	#'R'S'Z' CR	'R'S'Z'	'1'	CR
Resize State = Off (Get Status Only)		X	O	X	X	X	X	X	X	#'R'S'Z' CR	'R'S'Z'	'0'	CR
Resize Up = INC		X	O	X	O	X	X	X	X	#'R'S'Z' 'I' 'N' 'C' CR	'R'S'Z' 'I' 'N' 'C'	PARAM : 0 to 1	CR
Resize Down = DEC		X	O	X	X	O	X	X	X	#'R'S'Z' 'D' 'E' 'C' CR	'R'S'Z' 'D' 'E' 'C'	PARAM : 0 to 1	CR
Resize Off (in RESIZE state) = INI		X	O	X	X	X	X	X	O	#'R'S'Z' 'I' 'N' 'I' CR	'R'S'Z' 'I' 'N' 'I'	'0'	CR
Resize Move Up = 1	PO1	O	X	X	X	X	X	X	X	#'P'O' '1' CR	'P'O' '1'	'S' 'C' ID	CR
Resize Move Down = 2	PO2	O	X	X	X	X	X	X	X	#'P'O' '2' CR	'P'O' '2'	'S' 'C' ID	CR
Resize Move Left = 3	PO3	O	X	X	X	X	X	X	X	#'P'O' '3' CR	'P'O' '3'	'S' 'C' ID	CR
Resize Move Right = 4	PO4	O	X	X	X	X	X	X	X	#'P'O' '4' CR	'P'O' '4'	'S' 'C' ID	CR
Display Position													
Display Position Up = 1	DP1	O	X	X	X	X	X	X	X	#'D'P' '1' CR	'D'P' '1'	'S' 'C' ID	CR
Display Position Down = 2	DP2	O	X	X	X	X	X	X	X	#'D'P' '2' CR	'D'P' '2'	'S' 'C' ID	CR
Display Position Left = 3	DP3	O	X	X	X	X	X	X	X	#'D'P' '3' CR	'D'P' '3'	'S' 'C' ID	CR
Display Position Right = 4	DP4	O	X	X	X	X	X	X	X	#'D'P' '4' CR	'D'P' '4'	'S' 'C' ID	CR
Special Group (Following State is "Input Channel")													
Input Source	INP	X	O	X	X	X	X	X	X	#'I'N'P' CR	'I'N'P'	PARAM : 0 to 13	CR
RGB 1 = 1		X	O	O	X	X	X	X	X	#'I'N'P' '1' CR	'I'N'P' '1'	CR	
YPbPr 1 = 2		X	O	O	X	X	X	X	X	#'I'N'P' '2' CR	'I'N'P' '2'	CR	
RGB 2 = 3		X	O	O	X	X	X	X	X	#'I'N'P' '3' CR	'I'N'P' '3'	CR	
(Reserved)													
HDMI = 5		X	O	O	X	X	X	X	X	#'I'N'P' '5' CR	'I'N'P' '5'	CR	
(Reserved)													
(Reserved)													
(Reserved)													
Video = 9		X	O	O	X	X	X	X	X	#'I'N'P' '9' CR	'I'N'P' '9'	CR	
(Reserved)													
(Reserved)													
Network = 12		X	O	O	X	X	X	X	X	#'I'N'P' '12' CR	'I'N'P' '12'	CR	
USB = 13		X	O	O	X	X	X	X	X	#'I'N'P' '13' CR	'I'N'P' '13'	CR	
Server = 14		X	O	O	X	X	X	X	X	#'I'N'P' '14' CR	'I'N'P' '14'	CR	
Thumbnail Setting Group													
Auto Demo	OAD	X	O	X	X	X	X	X	X	#'O'A'D' CR	'O'A'D'	PARAM : 0 to 1	CR
Off = 0		X	O	O	X	X	X	X	X	#'O'A'D' '0' CR	'O'A'D' '0'	CR	
On = 1		X	O	O	X	X	X	X	X	#'O'A'D' '1' CR	'O'A'D' '1'	CR	
Set Interval Time	NIT	X	O	O	X	X	X	X	X	#'N'I'T' CR	'N'I'T'	PARAM : 5 to 999	CR
Get Interval Time	NVQ	X	O	X	X	X	X	X	X	#'N'V'Q' CR	'N'V'Q'	PARAM : 5 to 999	
Initialize Interval Time	NVI	X	O	X	X	X	X	X	O	#'N'V'I' CR	'N'V'I'	'0' CR	CR NU
Repeat	ORP	X	O	X	X	X	X	X	X	#'O'R'P' CR	'O'R'P'	PARAM : 0 to 1	CR
Off = 0		X	O	O	X	X	X	X	X	#'O'R'P' '0' CR	'O'R'P' '0'	CR	
On = 1		X	O	O	X	X	X	X	X	#'O'R'P' '1' CR	'O'R'P' '1'	CR	
Display Effect	ODE	X	O	X	X	X	X	X	X	#'O'D'E' CR	'O'D'E'	PARAM : 0 to 9	CR
None = 0		X	O	O	X	X	X	X	X	#'O'D'E' '0' CR	'O'D'E' '0'	CR	
Push = 1		X	O	O	X	X	X	X	X	#'O'D'E' '1' CR	'O'D'E' '1'	CR	
Wipe = 2		X	O	O	X	X	X	X	X	#'O'D'E' '2' CR	'O'D'E' '2'	CR	
Fade = 3		X	O	O	X	X	X	X	X	#'O'D'E' '3' CR	'O'D'E' '3'	CR	
Default		X	O	X	X	X	X	X	O	#'O'D'E' 'I' 'N' 'I' CR	'O'D'E' 'I' 'N' 'I'	'4'	CR
情報取得コマンド													
Projector Status Group													
Projector Power State	SPS	X	O	X	X	X	X	X	X	#'S'P'S' CR	'S'P'S'	PARAM : 0 to 7	
Input Channel Information	SIC	X	O	X	X	X	X	X	X	#'S'I'C' CR	'S'I'C'	PARAM : 0 to 255	CR
Input Source Information	SIS	X	O	X	X	X	X	X	X	#'S'I'S' CR	'S'I'S'	PARAM : 0 to 255	CR
Signal Mode Information	SSG	X	O	X	X	X	X	X	X	#'S'S'G' CR	'S'S'G'	PARAM : 0 to 65535	CR
Detected Error Type	SER	X	O	X	X	X	X	X	X	#'S'E'R' CR	'S'E'R'	PARAM : 0 to 255	CR
User Lamp Time	SLT	X	O	X	X	X	X	X	X	#'S'L'T' CR	'S'L'T'	*Note U1	CR
Filter Time	SFT	X	O	X	X	X	X	X	X	#'S'F'T' CR	'S'F'T'	*Note U1	CR
Total Time	STT	X	O	X	X	X	X	X	X	#'S'T'T' CR	'S'T'T'	*Note U1	CR
Fan 1 Speed (RPM)	SF1	X	O	X	X	X	X	X	X	#'S'F' '1' CR	'S'F' '1'	PARAM : 0 to 65535	CR
Fan 2 Speed (RPM)	SF2	X	O	X	X	X	X	X	X	#'S'F' '2' CR	'S'F' '2'	PARAM : 0 to 65535	CR
Fan 3 Speed (RPM)	SF3	X	O	X	X	X	X	X	X	#'S'F' '3' CR	'S'F' '3'	PARAM : 0 to 65535	CR
Fan 4 Speed (RPM)	SF4	X	O	X	X	X	X	X	X	#'S'F' '4' CR	'S'F' '4'	PARAM : 0 to 65535	CR
Temperature 1 (Degree C)	ST1	X	O	X	X	X	X	X	X	#'S'T' '1' CR	'S'T' '1'	PARAM : -128 to 127	CR
Temperature 2 (Degree C)	ST2	X	O	X	X	X	X	X	X	#'S'T' '2' CR	'S'T' '2'	PARAM : -128 to 127	CR
Serial Number	SSN	X	O	X	X	X	X	X	X	#'S'S'N' CR	'S'S'N'	16 Byte ASCII Code	CR
Software Version	SSV	X	O	X	X	X	X	X	X	#'S'S'V' CR	'S'S'V'	4Byte ASCII Code	CR
調整コマンド													
Adjustment Group (Following State is "UART 0 Adjustment" with OSD)													
Volume	VVL	X	O	O	O	O	O	O	O	#'V'V'L' CR	'V'V'L'	PARAM : 0 to 50	CR
V Keystone	PKS	X	O	O	O	O	O	O	O	#'P'K'S' CR	'P'K'S'	PARAM : -40 to +40	CR
Zoom (0-20% reduction)	ZOM	X	O	O	O	O	O	O	O	#'Z'O'M' CR	'Z'O'M'	PARAM : 0 to 20	CR

