

Control Commands

Model No. PT-VZ585N
PT-VZ580
PT-VW545N
PT-VW540
PT-VX615N
PT-VX610



- Please refer to the Operating Instructions for the serial command format, limitations, connection and other details.
- シリアルコマンドのフォーマット、制限事項、接続方法およびその他詳細につきましては、各モデルの取扱説明書をご覧ください。
- 有关串行控制命令的格式、限制事项、连接方法以及其他详情、请参阅各机型的使用说明书。

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL	QUERY		VZ585N SERIES					
				COMMANDS	COMMANDS	CALL BACK	VZ580	VW540	VX610	VZ585N	VW545N	VX615N
BASIC OPERATION REMOTE CONTROL	POWER	ON		PON	QPW	001	✓	✓	✓	✓	✓	✓
		OFF (STANDBY)		POF		000	✓	✓	✓	✓	✓	✓
	VOLUME	UP		AUU			✓	✓	✓	✓	✓	✓
		DOWN		AUD			✓	✓	✓	✓	✓	✓
	INPUT SELECT	COMPUTER1		IIS: RG1	QIN	RG1	✓	✓	✓	✓	✓	✓
		COMPUTER2		IIS: RG2		RG2	✓	✓	✓	✓	✓	✓
		VIDEO		IIS: VID		VID	✓	✓	✓	✓	✓	✓
		HDMI1		IIS: HD1		HD1	✓	✓	✓	✓	✓	✓
		HDMI2		IIS: HD2		HD2	✓	✓	✓	✓	✓	✓
		NETWORK/USB		IIS: NWP		NWP	✓	✓	✓	✓	✓	✓
		Panasonic APPLICATION		IIS: PA1		PA1	✓	✓	✓	✓	✓	✓
		Miracast/Mirroring		IIS: MC1		MC1	✓	✓	✓	✓	✓	✓
		MEMORY VIEWER		IIS: MV1		MV1	✓	✓	✓	✓	✓	✓
		DIGITAL LINK		IIS: DL1		DL1	✓	✓	✓	✓	✓	✓
	INPUT SELECT (DIGITAL LINK)	COMPUTER1		IIS: DL1: PC1	QIN	DL1: PC1	✓	✓	✓	✓	✓	✓
		COMPUTER2		IIS: DL1: PC2		DL1: PC2	✓	✓	✓	✓	✓	✓
		VIDEO		IIS: DL1: VID		DL1: VID	✓	✓	✓	✓	✓	✓
		HDMI1		IIS: DL1: HD1		DL1: HD1	✓	✓	✓	✓	✓	✓
		HDMI2		IIS: DL1: HD2		DL1: HD2	✓	✓	✓	✓	✓	✓
		S-VIDEO		IIS: DL1: SVD		DL1: SVD	✓	✓	✓	✓	✓	✓
	FREEZE	OFF		OFZ: 0	QFZ	0	✓	✓	✓	✓	✓	✓
		ON		OFZ: 1		1	✓	✓	✓	✓	✓	✓
	FREEZE (Toggle)	OFF		OFZ	QFZ	0	✓	✓	✓	✓	✓	✓
		ON				1	✓	✓	✓	✓	✓	✓
	MENU KEY			OMN			✓	✓	✓	✓	✓	✓
	RETURN KEY			OBK			✓	✓	✓	✓	✓	✓
	ENTER KEY			OEN			✓	✓	✓	✓	✓	✓
	UP KEY			OCU			✓	✓	✓	✓	✓	✓
	DOWN KEY			ODC			✓	✓	✓	✓	✓	✓
	LEFT KEY			OCL			✓	✓	✓	✓	✓	✓
	RIGHT KEY			OCR			✓	✓	✓	✓	✓	✓
	DEFAULT KEY			OST			✓	✓	✓	✓	✓	✓
	AUTO SETUP KEY			OAS			✓	✓	✓	✓	✓	✓
	AUTO SETUP	ON		OAS	QAS	0	✓	✓	✓	✓	✓	✓
		OFF				1	✓	✓	✓	✓	✓	✓
	AV MUTE	OFF		OSH: 0	QSH	0	✓	✓	✓	✓	✓	✓
		ON		OSH: 1		1	✓	✓	✓	✓	✓	✓
	AV MUTE(Toggle)	OFF		OSH	QSH	0	✓	✓	✓	✓	✓	✓
		ON				1	✓	✓	✓	✓	✓	✓
	DIGITAL ZOOM UP			DZU			✓	✓	✓	✓	✓	✓
DIGITAL ZOOM DOWN			DZD			✓	✓	✓	✓	✓	✓	
FUNCTION KEY			FC1			✓	✓	✓	✓	✓	✓	
NUMERIC KEY	1		ONK: 1			✓	✓	✓	✓	✓	✓	
	2		ONK: 2			✓	✓	✓	✓	✓	✓	
	3		ONK: 3			✓	✓	✓	✓	✓	✓	
	4		ONK: 4			✓	✓	✓	✓	✓	✓	
	5		ONK: 5			✓	✓	✓	✓	✓	✓	
	6		ONK: 6			✓	✓	✓	✓	✓	✓	
STATUS KEY			STS			✓	✓	✓	✓	✓	✓	
P-TIMER			PTM			✓	✓	✓	✓	✓	✓	
SCREEN ADJUSTMENT			OSA			✓	✓	✓	✓	✓	✓	
AUDIO MUTE	OFF		AMF: 0	QMT	0	✓	✓	✓	✓	✓	✓	
	ON		AMF: 1		1	✓	✓	✓	✓	✓	✓	
SELF DIAGNOSIS				QVX: ERRS1	ERRS1=*****	✓	✓	✓	✓	✓	✓	
PICTURE MODE	DYNAMIC		VPM: DYN	QPM	DYN	✓	✓	✓	✓	✓	✓	
	NATURAL		VPM: NAT		NAT	✓	✓	✓	✓	✓	✓	
	STANDARD		VPM: STD		STD	✓	✓	✓	✓	✓	✓	
	BLACK BOARD		VPM: BBD		BBD	✓	✓	✓	✓	✓	✓	
	WHITE BOARD		VPM: WBD		WBD	✓	✓	✓	✓	✓	✓	
	CINEMA		VPM: CIN		CIN	✓	✓	✓	✓	✓	✓	
CONTRAST	-32		VCN: -32	QVR	-32	✓	✓	✓	✓	✓	✓	
	+32		VCN: 032		032	✓	✓	✓	✓	✓	✓	
BRIGHTNESS	-32		VBR: -32	QVB	-32	✓	✓	✓	✓	✓	✓	
	+32		VBR: 032		032	✓	✓	✓	✓	✓	✓	
COLOR	-32		VCO: -32	QVC	-32	✓	✓	✓	✓	✓	✓	
	+32		VCO: 032		032	✓	✓	✓	✓	✓	✓	
TINT	-32		VTN: -32	QVT	-32	✓	✓	✓	✓	✓	✓	
	+32		VTN: 032		032	✓	✓	✓	✓	✓	✓	
SHARPNESS	0		VSR: 000	QVS	000	✓	✓	✓	✓	✓	✓	
	15		VSR: 015		015	✓	✓	✓	✓	✓	✓	
COLOR TEMPERATURE	LOW		OTE: 0	QTE	0	✓	✓	✓	✓	✓	✓	
	DEFAULT(MIDDLE)		OTE: 1		1	✓	✓	✓	✓	✓	✓	
	HIGH		OTE: 2		2	✓	✓	✓	✓	✓	✓	
IRIS	OFF		VXX: IRI1=+0000	QVX: IRI1	IRI1=+0000	✓	✓	✓	✓	✓	✓	
	ON		VXX: IRI1=+0001		IRI1=+0001	✓	✓	✓	✓	✓	✓	
GAMMA(PRESET)	-8		VXX: GAM1=-0008	QVX: GAM1	GAM1=-0008	✓	✓	✓	✓	✓	✓	
	+7		VXX: GAM1=+0007		GAM1=+0007	✓	✓	✓	✓	✓	✓	
DAYLIGHT VIEW FRONT INSTALL	OFF		VXX: DLV10=+0000	QVX: DLV10	DLV10=+0000	✓	✓	✓	✓	✓	✓	
	AUTO(1)		VXX: DLV10=+0001		DLV10=+0001	✓	✓	✓	✓	✓	✓	
	ON(2)		VXX: DLV10=+0002		DLV10=+0002	✓	✓	✓	✓	✓	✓	
DAYLIGHT VIEW REAR INSTALL	OFF		VXX: DLV10=+0000	QVX: DLV10	DLV10=+0000	✓	✓	✓	✓	✓	✓	
	ON		VXX: DLV10=+0001		DLV10=+0001	✓	✓	✓	✓	✓	✓	
DIGITAL CINEMA REALITY	OFF		OPD: 0	QPD	0	✓	✓	✓	✓	✓	✓	
	ON		OPD: 1		1	✓	✓	✓	✓	✓	✓	
NOISE REDUCTION	OFF		VNR: 0	QNR	0	✓	✓	✓	✓	✓	✓	
	ON		VNR: 1		1	✓	✓	✓	✓	✓	✓	
TV-SYSTEM	AUTO		VSG: AUT	QSG	AUT	✓	✓	✓	✓	✓	✓	
	NTSC		VSG: NTS		NTS	✓	✓	✓	✓	✓	✓	
	NTSC4.43		VSG: N44		N44	✓	✓	✓	✓	✓	✓	
	PAL		VSG: PAL		PAL	✓	✓	✓	✓	✓	✓	
	PAL-M		VSG: PAM		PAM	✓	✓	✓	✓	✓	✓	
	PAL-N		VSG: PAN		PAN	✓	✓	✓	✓	✓	✓	
	PAL60		VSG: P60		P60	✓	✓	✓	✓	✓	✓	
	SECAM		VSG: SEC		SEC	✓	✓	✓	✓	✓	✓	
RGB/YpPr	RGB		ORF: 0	QRF	0	✓	✓	✓	✓	✓	✓	
	YpPr		ORF: 1		1	✓	✓	✓	✓	✓	✓	
	AUTO		ORF: 2		2	✓	✓	✓	✓	✓	✓	
RGB-SYSTEM	1280×768/60GTF		VXX: RGSS1=1280: 768: 60: GTF	QVX: RGSS1	RGSS1=1280: 768: 60: GTF	✓	✓	✓	✓	✓	✓	
	1366×768/60GTF		VXX: RGSS1=1366: 768: 60: GTF		RGSS1=1366: 768: 60: GTF	✓	✓	✓	✓	✓	✓	
	1400×1050/60GTF		VXX: RGSS1=1400: 1050: 60: GTF		RGSS1=1400: 1050: 60: GTF	✓	✓	✓	✓	✓	✓	
	1680×1050/60GTF		VXX: RGSS1=1680: 1050: 60: GTF		RGSS1=1680: 1050: 60: GTF	✓	✓	✓	✓	✓	✓	
	1440×900/50GTF		VXX: RGSS1=1440: 900: 50: GTF		RGSS1=1440: 900: 50: GTF	✓	✓	✓	✓	✓	✓	
	1600×900/50GTF		VXX: RGSS1=1600: 900: 50: GTF		RGSS1=1600: 900: 50: GTF	✓	✓	✓	✓	✓	✓	
	1440×900/60GTF		VXX: RGSS1=1440: 900: 60: GTF		RGSS1=1440: 900: 60: GTF	✓	✓	✓	✓	✓	✓	
	1600×900/60GTF		VXX: RGSS1=1600: 900: 60: GTF		RGSS1=1600: 900: 60: GTF	✓	✓	✓	✓	✓	✓	
REAL TIME KEYSTONE	OFF		OAK: 0	QAK	0	✓	✓	✓	✓	✓	✓	
	ON		OAK: 1		1	✓	✓	✓	✓	✓	✓	
KEYSTONE-LENS THROW RATIO	0.9		VXX: GMKSO=0.9	QVX: GMKSO	GMKSO=0.9	✓	✓	✓	✓	✓	✓	
	1.4		VXX: GMKSO=1.4		GMKSO=1.4	✓	✓	✓	✓	✓	✓	
	2.3		VXX: GMKSO=2.3		GMKSO=2.3	✓	✓	✓	✓	✓	✓	
KEYSTONE-HORIZONTAL	-60		VXX: GMKI5=-00060	QVX: GMKI5	GMKI5=-00060	-70	-70	-70	-70	-70	-70	
	+60		VXX: GMKI5=+00060		GMKI5=+00060	70	70	70	70	70	70	
KEYSTONE-VERTICAL	min.		VXX: GMKI1=-00060	QVX: GMKI1	GMKI1=-00060	-70	-70	-70	-70	-70	-70	
	max.		VXX: GMKI1=+00060		GMKI1=+00060	70	70	70	70	70	70	
KEYSTONE-HORIZONTAL (Related value)	-120		VXX: KSHI1=-00120			-70	-70	-70	-70	-70	-70	
	+120		VXX: KSHI1=+00120			70	70	70	70	70	70	
KEYSTONE-VERTICAL (Related Value)	-160		VXX: KSVI1=-00160			-70	-70	-70	-70	-70	-70	
	+160		VXX: KSVI1=+00160			70	70	70	70	70	70	
CURVED CORRECTION-KEYSTONE-HORIZ.	-60		VXX: GMCI5=-00060	QVX: GMCI5	GMCI5=-00060	-70	-70	-70	-70	-70	-70	
	+60		VXX: GMCI5=+00060		GMCI5=+00060	70	70	70	70	70	70	
CURVED CORRECTION-KEYSTONE-VERT.	-50		VXX: GMCI1=-00050	QVX: GMCI1	GMCI1=-00050	-70	-70	-70	-70	-70	-70	
	+50		VXX: GMCI1=+00050		GMCI1=+00050	70	70	70	70	70	70	
GEOMETRY-KEYSTONE-VERTICAL BALANCE	-60		VXX: GMKI4=-00060	QVX: GMKI4	GMKI4=-00060	✓	✓	✓	✓			

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL	QUERY	VZ585N SERIES						
				COMMANDS	COMMANDS	CALL BACK	VZ580	VW540	VX610	VZ585N	VW545N	VX615N
GEOMETRY-CORNER CORRECTION-LOWER RIGHT(V)	min.			VXX: GMFI 4=- 00300	QVX: GMFI 4	GMFI 4=- 00300	-192	-192	-192	-192	-192	-192
	max.			VXX: GMFI 4=+00000		GMFI 4=+00000	0	0	0	0	0	0
	min.			VXX: GMFI 5=- 00127	QVX: GMFI 5	GMFI 5=- 00127	✓	✓	✓	✓	✓	✓
	max.			VXX: GMFI 5=+00127		GMFI 5=+00127	✓	✓	✓	✓	✓	✓
	min.			VXX: GMFI 6=- 00000	QVX: GMFI 6	GMFI 6=- 00000	0	0	0	0	0	0
	max.			VXX: GMFI 6=+00480		GMFI 6=+00480	+256	+256	+256	+256	+256	+256
	min.			VXX: GMFI 7=- 00480	QVX: GMFI 7	GMFI 7=- 00480	-256	-256	-256	-256	-256	-256
	max.			VXX: GMFI 7=+00000		GMFI 7=+00000	0	0	0	0	0	0
	min.			VXX: GMFI 8=- 00000	QVX: GMFI 8	GMFI 8=- 00000	0	0	0	0	0	0
	max.			VXX: GMFI 8=+00480		GMFI 8=+00480	+256	+256	+256	+256	+256	+256
	min.			VXX: GMFI 9=- 00480	QVX: GMFI 9	GMFI 9=- 00480	-256	-256	-256	-256	-256	-256
	max.			VXX: GMFI 9=+00000		GMFI 9=+00000	0	0	0	0	0	0
	min.			VXX: GMFI A=- 00127	QVX: GMFI A	GMFI A=- 00127	✓	✓	✓	✓	✓	✓
	max.			VXX: GMFI A=+00127		GMFI A=+00127	✓	✓	✓	✓	✓	✓
	-127			VHP: - 127	QHP	- 127	✓	✓	✓	✓	✓	✓
	+127			VHP: 0127		0127	✓	✓	✓	✓	✓	✓
	-127			VVP: - 127	QVP	- 127	✓	✓	✓	✓	✓	✓
	+127			VVP: 0127		0127	✓	✓	✓	✓	✓	✓
	0%			MDV: 0	QOV	0	✓	✓	✓	✓	✓	✓
	3%			MDV: 1		1	✓	✓	✓	✓	✓	✓
	5%			MDV: 2		2	✓	✓	✓	✓	✓	✓
	7%			MDV: 3		3	✓	✓	✓	✓	✓	✓
	-32			VDC: - 32	QDC	- 32	✓	✓	✓	✓	✓	✓
	+32			VDC: 032		032	✓	✓	✓	✓	✓	✓
-16			VCP: - 16	QCP	- 16	✓	✓	✓	✓	✓	✓	
+16			VCP: 016		016	✓	✓	✓	✓	✓	✓	
AUTO/VID AUTO/DEFAULT			VSE: 0	QSE	0	✓	✓	✓	✓	✓	✓	
NORMAL(4:3)			VSE: 1		1	✓	✓	✓	✓	✓	✓	
WIDE(16:9)			VSE: 2		2	✓	✓	✓	✓	✓	✓	
NATIVE(through)			VSE: 5		5	✓	✓	✓	✓	✓	✓	
FULL(HV FIT)			VSE: 6		6	✓	✓	✓	✓	✓	✓	
H-FIT			VSE: 9		9	✓	✓	✓	✓	✓	✓	
V-FIT			VSE: 10		10	✓	✓	✓	✓	✓	✓	
OFF			VFL: 0	QFL	0	✓	✓	✓	✓	✓	✓	
ON			VFL: 1		1	✓	✓	✓	✓	✓	✓	
English			OLG: ENG	QLG	ENG	✓	✓	✓	✓	✓	✓	
German			OLG: DEU		DEU	✓	✓	✓	✓	✓	✓	
French			OLG: FRA		FRA	✓	✓	✓	✓	✓	✓	
Spanish			OLG: ESP		ESP	✓	✓	✓	✓	✓	✓	
Italian			OLG: I TL		I TL	✓	✓	✓	✓	✓	✓	
Japanese			OLG: JPN		JPN	✓	✓	✓	✓	✓	✓	
Chinese			OLG: CHI		CHI	✓	✓	✓	✓	✓	✓	
Russian			OLG: RUS		RUS	✓	✓	✓	✓	✓	✓	
Korea			OLG: KOR		KOR	✓	✓	✓	✓	✓	✓	
Portuguse			OLG: POR		POR	✓	✓	✓	✓	✓	✓	
Swedish			OLG: SVE		SVE	✓	✓	✓	✓	✓	✓	
Norwegian			OLG: NOR		NOR	✓	✓	✓	✓	✓	✓	
Danish			OLG: DAN		DAN	✓	✓	✓	✓	✓	✓	
Polish			OLG: POL		POL	✓	✓	✓	✓	✓	✓	
Czech			OLG: CES		CES	✓	✓	✓	✓	✓	✓	
Hungarian			OLG: MAG		MAG	✓	✓	✓	✓	✓	✓	
Thai			OLG: THA		THA	✓	✓	✓	✓	✓	✓	
Dutch			OLG: NLD		NLD	✓	✓	✓	✓	✓	✓	
Finnish			OLG: FIN		FIN	✓	✓	✓	✓	✓	✓	
Romanian			OLG: RUM		RUM	✓	✓	✓	✓	✓	✓	
Turkish			OLG: TUR		TUR	✓	✓	✓	✓	✓	✓	
Arabic			OLG: ARA		ARA	✓	✓	✓	✓	✓	✓	
Kazakh			OLG: KAZ		KAZ	✓	✓	✓	✓	✓	✓	
Vietnamese			OLG: VIE		VIE	✓	✓	✓	✓	✓	✓	
OFF			VXX: CMAI 0=+00000	QVX: CMAI 0	CMAI 0=+00000	✓	✓	✓	✓	✓	✓	
3COLORS			VXX: CMAI 0=+00001		CMAI 0=+00001	✓	✓	✓	✓	✓	✓	
6COLORS			VXX: CMAI 0=+00005		CMAI 0=+00005	✓	✓	✓	✓	✓	✓	
0 (R,G,B)			VMR: 0000, 0000, 0000	QMR	0000, 0000, 0000	✓	✓	✓	✓	✓	✓	
2048,2048,2048(R,G,B)			VMR: 2048, 2048, 2048		2048, 2048, 2048	✓	✓	✓	✓	✓	✓	
0 (R,G,B)			VMG: 0000, 0000, 0000	QMG	0000, 0000, 0000	✓	✓	✓	✓	✓	✓	
2048,2048,2048(R,G,B)			VMG: 2048, 2048, 2048		2048, 2048, 2048	✓	✓	✓	✓	✓	✓	
0 (R,G,B)			VMB: 0000, 0000, 0000	QMB	0000, 0000, 0000	✓	✓	✓	✓	✓	✓	
2048,2048,2048(R,G,B)			VMB: 2048, 2048, 2048		2048, 2048, 2048	✓	✓	✓	✓	✓	✓	
256 (GAIN)			VMM: 0256	QMW	0256	✓	✓	✓	✓	✓	✓	
2048(GAIN)			VMM: 2048		2048	✓	✓	✓	✓	✓	✓	
OFF			VXX: CATI 0=+00000	QVX: CATI 0	CATI 0=+00000	✓	✓	✓	✓	✓	✓	
ON			VXX: CATI 0=+00001		CATI 0=+00001	✓	✓	✓	✓	✓	✓	
0 (R,G,B)			VXX: C6CS1=0000, 0000, 0000	QVX: C6CS1	C6CS1=0128, 0128, 0128	✓	✓	✓	✓	✓	✓	
512(R,G,B)			VXX: C6CS1=0512, 0512, 0512		C6CS1=0512, 0512, 0512	✓	✓	✓	✓	✓	✓	
0 (R,G,B)			VXX: C6CS2=0128, 0000, 0000	QVX: C6CS2	C6CS2=0128, 0000, 0000	✓	✓	✓	✓	✓	✓	
512(R,G,B)			VXX: C6CS2=0512, 0384, 0384		C6CS2=0512, 0384, 0384	✓	✓	✓	✓	✓	✓	
0 (R,G,B)			VXX: C6CS3=0000, 0128, 0000	QVX: C6CS3	C6CS3=0000, 0128, 0000	✓	✓	✓	✓	✓	✓	
512(R,G,B)			VXX: C6CS3=0384, 0512, 0384		C6CS3=0384, 0512, 0384	✓	✓	✓	✓	✓	✓	
0 (R,G,B)			VXX: C6CS4=0000, 0000, 0128	QVX: C6CS4	C6CS4=0000, 0000, 0128	✓	✓	✓	✓	✓	✓	
512(R,G,B)			VXX: C6CS4=0384, 0384, 0512		C6CS4=0384, 0384, 0512	✓	✓	✓	✓	✓	✓	
0 (R,G,B)			VXX: C6CS5=0000, 0128, 0128	QVX: C6CS5	C6CS5=0000, 0128, 0128	✓	✓	✓	✓	✓	✓	
512(R,G,B)			VXX: C6CS5=0384, 0512, 0512		C6CS5=0384, 0512, 0512	✓	✓	✓	✓	✓	✓	
0 (R,G,B)			VXX: C6CS6=0128, 0000, 0128	QVX: C6CS6	C6CS6=0128, 0000, 0128	✓	✓	✓	✓	✓	✓	
512(R,G,B)			VXX: C6CS6=0512, 0384, 0512		C6CS6=0512, 0384, 0512	✓	✓	✓	✓	✓	✓	
0 (R,G,B)			VXX: C6CS7=0128, 0128, 0000	QVX: C6CS7	C6CS7=0128, 0128, 0000	✓	✓	✓	✓	✓	✓	
512(R,G,B)			VXX: C6CS7=0512, 0512, 0384		C6CS7=0512, 0512, 0384	✓	✓	✓	✓	✓	✓	
OFF			VXX: CATI 4=+00000	QVX: CATI 4	CATI 4=+00000	✓	✓	✓	✓	✓	✓	
ON			VXX: CATI 4=+00001		CATI 4=+00001	✓	✓	✓	✓	✓	✓	
OFF			VCM: 0	QMC	0	✓	✓	✓	✓	✓	✓	
USER			VCM: 1		1	✓	✓	✓	✓	✓	✓	
-30			VXX: CCRI 0=- 00030	QVX: CCRI 0	CCRI 0=- 00030	+32	+32	+32	+32	+32	+32	
+30			VXX: CCRI 0=+00030		CCRI 0=+00030	-32	-32	-32	-32	-32	-32	
-30			VXX: CCRI 1=- 00030	QVX: CCRI 1	CCRI 1=- 00030	+32	+32	+32	+32	+32	+32	
+30			VXX: CCRI 1=+00030		CCRI 1=+00030	-32	-32	-32	-32	-32	-32	
-30			VXX: CCRI 2=- 00030	QVX: CCRI 2	CCRI 2=- 00030	+32	+32	+32	+32	+32	+32	
+30			VXX: CCRI 2=+00030		CCRI 2=+00030	-32	-32	-32	-32	-32	-32	
-30			VXX: CCRI 3=- 00030	QVX: CCRI 3	CCRI 3=- 00030	+32	+32	+32	+32	+32	+32	
+30			VXX: CCRI 3=+00030		CCRI 3=+00030	-32	-32	-32	-32	-32	-32	
-30			VXX: CCRI 4=- 00030	QVX: CCRI 4	CCRI 4=- 00030	+32	+32	+32	+32	+32	+32	
+30			VXX: CCRI 4=+00030		CCRI 4=+00030	-32	-32	-32	-32	-32	-32	
-30			VXX: CCRI 5=- 00030	QVX: CCRI 5	CCRI 5=- 00030	+32	+32	+32	+32	+32	+32	
+30			VXX: CCRI 5=+00030		CCRI 5=+00030	-32	-32	-32	-32	-32	-32	
0-1023			VXX: HSLI 0=+00000	QVX: HSLI 0	HSLI 0=+00000	✓	✓	✓	✓	✓	✓	
64-940			VXX: HSLI 0=+00001		HSLI 0=+00001	✓	✓	✓	✓	✓	✓	
AUTO			VXX: HSLI 0=+00002		HSLI 0=+00002	✓	✓	✓	✓	✓	✓	
0-1023			VXX: DKLI 1=+00000	QVX: DKLI 1	DKLI 1=+00000	✓	✓	✓	✓	✓	✓	
64-940			VXX: DKLI 1=+00001		DKLI 1=+00001	✓	✓	✓	✓	✓	✓	
OFF			OID: 0	QDI	0	✓	✓	✓	✓	✓	✓	
ON (SIMPLE)			OID: 1		1	✓	✓	✓	✓	✓	✓	
DETAILED			OID: 2		2	✓	✓	✓	✓	✓	✓	
UPPER LEFT			VXX: OPSI 1=+00001	QVX: OPSI 1	OPSI 1=+00001	✓	✓	✓	✓	✓	✓	
LOWER LEFT			VXX: OPSI 1=+00003		OPSI 1=+00003	✓	✓	✓	✓	✓	✓	
CENTER			VXX: OPSI									

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL	QUERY		VZ585N SERIES					
				COMMANDS	COMMANDS	CALL BACK	VZ580	VW540	VX610	VZ585N	VW545N	VX615N
PROJECTOR SETUP	BACK COLOR	ON BLUE BLACK DEFAULT LOGO USER LOGO		OSR: 1 OBC: 0 OBC: 1 OBC: 2 OBC: 3	QBC	1 0 1 2 3	✓	✓	✓	✓	✓	✓
	P-TIMER-MODE	COUNT DOWN COUNT UP		VXX: PTM 1=+0000 VXX: PTM 1=+0001	QVX: PTM 1	PTM 1=+0000 PTM 1=+0001	✓	✓	✓	✓	✓	✓
	P-TIMER-COUNT DOWN TIMER	1 MIN. 180 MIN.		VXX: PTM 2=+0001 VXX: PTM 2=+00180	QVX: PTM 2	PTM 2=+0001 PTM 2=+00180	✓	✓	✓	✓	✓	✓
	P-TIMER-RESET	RESET		VXX: PTM 3=+0000			✓	✓	✓	✓	✓	✓
	P-TIMER-EXIT	EXIT		VXX: PTM 4=+0000			✓	✓	✓	✓	✓	✓
	STATUS			STS			✓	✓	✓	✓	✓	✓
	COMPUTER2 IN/OUTPUT SELECT	COMPUTER2 IN COMPUTER2 OUT		ORI: 21N ORI: 20U	QRI	21N 20U	✓	✓	✓	✓	✓	✓
	PROJECTOR ID	ALL ID1 ID2 ID3 ID4 ID5 ID6		RIS: 0 RIS: 1 RIS: 2 RIS: 3 RIS: 4 RIS: 5 RIS: 6			✓	✓	✓	✓	✓	✓
	PROJECTION METHOD INSTALLATION	FRONT/DESK REAR/DESK FRONT/CEILING REAR/CEILING FRONT/AUTO		OIL: 0 OIL: 1 OIL: 2 OIL: 3 OIL: 4	QSP	0 1 2 3 4	✓	✓	✓	✓	✓	✓
	LAMP POWER	NORMAL ECO1 ECO2		OLP: 1 OLP: 3 OLP: 4	QLP	1 3 4	✓	✓	✓	✓	✓	✓
	ECO MANAGEMENT-AUTO POWER SAVE	OFF ON		VXX: ECOI 0=+0000 VXX: ECOI 0=+0001	QVX: ECOI 0	ECOI 0=+0000 ECOI 0=+0001	✓	✓	✓	✓	✓	✓
	ECO MANAGEMENT-AMBIENT LIGHT DETECTION	OFF ON		VXX: ECOI 1=+0000 VXX: ECOI 1=+0001	QVX: ECOI 1	ECOI 1=+0000 ECOI 1=+0001	✓	✓	✓	✓	✓	✓
	ECO MANAGEMENT-SIGNAL DETECTION	OFF ON		VXX: ECOI 2=+0000 VXX: ECOI 2=+0001	QVX: ECOI 2	ECOI 2=+0000 ECOI 2=+0001	✓	✓	✓	✓	✓	✓
	ECO MANAGEMENT-AV MUTE DETECTION	OFF ON		VXX: ECOI 3=+0000 VXX: ECOI 3=+0001	QVX: ECOI 3	ECOI 3=+0000 ECOI 3=+0001	✓	✓	✓	✓	✓	✓
POWER MANAGEMENT	OFF READY SHUTDOWN		VXX: ECOI 5=+0000 VXX: ECOI 5=+0001 VXX: ECOI 5=+0002	QVX: ECOI 5	ECOI 5=+0000 ECOI 5=+0001 ECOI 5=+0002	✓	✓	✓	✓	✓	✓	
POWER MANAGEMENT-TIMER	5 MIN 120 MIN		VXX: ECOI 6=+0005 VXX: ECOI 6=+00120	QVX: ECOI 6	ECOI 6=+0005 ECOI 6=+00120	✓	✓	✓	✓	✓	✓	
STANDBY MODE	NORMAL ECO		VXX: STMI 0=+0000 VXX: STMI 0=+00003	QVX: STMI 0	STMI 0=+0000 STMI 0=+00003	✓	✓	✓	✓	✓	✓	
FUNCTION BUTTON	* PARAMETER		OFC: *****	QFC	*****	✓	✓	✓	✓	✓	✓	
INITIAL START UP	STANDBY ON LAST MEMORY		OPY: 0 OPY: 1 OPY: 2	QPY	0 1 2	✓	✓	✓	✓	✓	✓	
EMULATE	DEFAULT D3500 D4000 D/W5k SERIES D/W/Z6k SERIES L730 L780 L735 L785 LB/W SERIES F/W SERIES LZ370 VX500 SERIES EZ570 SERIES VW431D SERIES		VXX: EMUI 0=+00001 VXX: EMUI 0=+00002 VXX: EMUI 0=+00003 VXX: EMUI 0=+00004 VXX: EMUI 0=+00005 VXX: EMUI 0=+00006 VXX: EMUI 0=+00007 VXX: EMUI 0=+00008 VXX: EMUI 0=+00009 VXX: EMUI 0=+00010 VXX: EMUI 0=+00011 VXX: EMUI 0=+00012 VXX: EMUI 0=+00013 VXX: EMUI 0=+00014 VXX: EMUI 0=+00015	QVX: EMUI 0	EMUI 0=+00001 EMUI 0=+00002 EMUI 0=+00003 EMUI 0=+00004 EMUI 0=+00005 EMUI 0=+00006 EMUI 0=+00007 EMUI 0=+00008 EMUI 0=+00009 EMUI 0=+00010 EMUI 0=+00011 EMUI 0=+00012 EMUI 0=+00013 EMUI 0=+00014 EMUI 0=+00015	✓	✓	✓	✓	✓	✓	✓
AUDIO SETTING-VOLUME	0 63		AVL: 000 AVL: 063	QAV	000 063	✓	✓	✓	✓	✓	✓	
AUDIO SETTING-IN STANDBY MODE	OFF ON		VXX: ASBI 0=+0000 VXX: ASBI 0=+0001	QVX: ASBI 0	ASBI 0=+0000 ASBI 0=+0001	✓	✓	✓	✓	✓	✓	
AUDIO SETTING-AUDIO IN SELECT-COMPUTER1	AUDIO IN 1 AUDIO IN 2 AUDIO IN 3		VXX: AI NI 0=+0000 VXX: AI NI 0=+00001 VXX: AI NI 0=+00002	QVX: AI NI 0	AI NI 0=+0000 AI NI 0=+00001 AI NI 0=+00002	✓	✓	✓	✓	✓	✓	
AUDIO SETTING-AUDIO IN SELECT-COMPUTER2	AUDIO IN 1 AUDIO IN 2 AUDIO IN 3		VXX: AI NI 1=+0000 VXX: AI NI 1=+00001 VXX: AI NI 1=+00002	QVX: AI NI 1	AI NI 1=+0000 AI NI 1=+00001 AI NI 1=+00002	✓	✓	✓	✓	✓	✓	
AUDIO SETTING-AUDIO IN SELECT-HDMI1	HDMI1 AUDIO IN AUDIO IN 1 AUDIO IN 2 AUDIO IN 3		VXX: AI NI 3=+00003 VXX: AI NI 3=+00000 VXX: AI NI 3=+00001 VXX: AI NI 3=+00002	QVX: AI NI 3	AI NI 3=+00003 AI NI 3=+00000 AI NI 3=+00001 AI NI 3=+00002	✓	✓	✓	✓	✓	✓	
AUDIO SETTING-AUDIO IN SELECT-VIDEO	AUDIO IN 1 AUDIO IN 2 AUDIO IN 3		VXX: AI NI 4=+00000 VXX: AI NI 4=+00001 VXX: AI NI 4=+00002	QVX: AI NI 4	AI NI 4=+00000 AI NI 4=+00001 AI NI 4=+00002	✓	✓	✓	✓	✓	✓	
AUDIO SETTING-AUDIO IN SELECT-NETWORK	NETWORK/USB AUDIO IN AUDIO IN 1 AUDIO IN 2 AUDIO IN 3		VXX: AI NI 6=+00004 VXX: AI NI 6=+00000 VXX: AI NI 6=+00001 VXX: AI NI 6=+00002	QVX: AI NI 6	AI NI 6=+00004 AI NI 6=+00000 AI NI 6=+00001 AI NI 6=+00002	✓	✓	✓	✓	✓	✓	
AUDIO SETTING-AUDIO IN SELECT-HDMI2	HDMI2 AUDIO IN AUDIO IN 1 AUDIO IN 2 AUDIO IN 3		VXX: AI NI 7=+00003 VXX: AI NI 7=+00000 VXX: AI NI 7=+00001 VXX: AI NI 7=+00002	QVX: AI NI 7	AI NI 7=+00003 AI NI 7=+00000 AI NI 7=+00001 AI NI 7=+00002	✓	✓	✓	✓	✓	✓	
AUDIO SETTING-AUDIO IN SELECT-DIGITAL LINK	DIGITAL LINK AUDIO IN AUDIO IN 1 AUDIO IN 2 AUDIO IN 3		VXX: AI NI 8=+00005 VXX: AI NI 8=+00000 VXX: AI NI 8=+00001 VXX: AI NI 8=+00002	QVX: AI NI 8	AI NI 8=+00005 AI NI 8=+00000 AI NI 8=+00001 AI NI 8=+00002	✓	✓	✓	✓	✓	✓	
FILTER COUNTER-TIMER	OFF 1000H 2000H 3000H 4000H 5000H 6000H 7000H		VXX: FCTI 1=+00000 VXX: FCTI 1=+01000 VXX: FCTI 1=+02000 VXX: FCTI 1=+03000 VXX: FCTI 1=+04000 VXX: FCTI 1=+05000 VXX: FCTI 1=+06000 VXX: FCTI 1=+07000	QVX: FCTI 1	FCTI 1=+00000 FCTI 1=+01000 FCTI 1=+02000 FCTI 1=+03000 FCTI 1=+04000 FCTI 1=+05000 FCTI 1=+06000 FCTI 1=+07000	✓	✓	✓	✓	✓	✓	
FILTER COUNTER-RESET			VXX: FCTI 2=+00000			✓	✓	✓	✓	✓	✓	
SERIAL NUMBER	SW0101234			QSN	SW0101234	✓	✓	✓	✓	✓	✓	
PROJECTOR RUNTIME	99999H			QVX: RTMI 0	RTMI 0=+99999	✓	✓	✓	✓	✓	✓	
LAMP RUNTIME	9999H			QSL	9999	✓	✓	✓	✓	✓	✓	
LAMP UNIT SERIAL NUMBER	12345-67890			QVX: LSNS0	LSNS0=12345-	✓	✓	✓	✓	✓	✓	
FILTER COUNTER	99999H			QFI: 0	99999	✓	✓	✓	✓	✓	✓	
MAC ADDRESS	AB0102030405			QMA	AB0102030405	✓	✓	✓	✓	✓	✓	
DC OUT	OFF ON ERROR		VXX: DCOI 1=+00000 VXX: DCOI 1=+00001	QVX: DCOI 1	DCOI 1=+00000 DCOI 1=+00001 DCOI 1=+00002	✓	✓	✓	✓	✓	✓	
TEMPERATURE (INTAKE)	0030/0080			QTM 0	0030/0080	✓	✓	✓	✓	✓	✓	
TEMPERATURE (EXHAUST AIR)	0030/0080			QTM 1	0030/0080	✓	✓	✓	✓	✓	✓	
TEMPERATURE (OPTICS MODULE)	0030/0080			QTM 2	0030/0080	✓	✓	✓	✓	✓	✓	
TEST PATTERN	Off White Cross Hatch Color Bar V Black Cross on White White Cross on Black Color Bar H		OTS: 00 OTS: 01 OTS: 07 OTS: 08 OTS: 18 OTS: 19 OTS: 51	QTS	00 01 07 08 18 19 51	✓	✓	✓	✓	✓	✓	
WIRELESS LAN	OFF USER1 M-DIRECT SIMPLE		ONS: 0 ONS: 5 ONS: 12 ONS: 13	QVX: WLSI 1	WLSI 1=+00000 WLSI 1=+00005 WLSI 1=+00012 WLSI 1=+00013	✓	✓	✓	✓	✓	✓	
DIGITAL LINK MODE	AUTO DIGITAL LINK ETHERNET LONG REACH MODE		VXX: DKMI 1=+00001 VXX: DKMI 1=+00002 VXX: DKMI 1=+00003 VXX: DKMI 1=+00004	QVX: DKMI 1	DKMI 1=+00001 DKMI 1=+00002 DKMI 1=+00003 DKMI 1=+00004	✓	✓	✓	✓	✓	✓	
DIGITAL LINK-DUPLEX(Ethernet)	Auto negotiation 100BaseTX-Full 100BaseTX-Half		VXX: DKDI 1=+00000 VXX: DKDI 1=+00001 VXX: DKDI 1=+00002	QVX: DKDI 1	DKDI 1=+00000 DKDI 1=+00001 DKDI 1=+00002	✓	✓	✓	✓	✓	✓	
DIGITAL LINK-DUPLEX(DIGITAL LINK)	Auto negotiation 100BaseTX-Full 100BaseTX-Half		VXX: DKDI 2=+00000 VXX: DKDI 2=+00001 VXX: DKDI 2=+00002	QVX: DKDI 2	DKDI 2=+00000 DKDI 2=+00001 DKDI 2=+00002	✓	✓	✓	✓	✓	✓	
DIGITAL LINK STATUS-LINK	NO LINK DIGITAL LINK LPM ETHERNET			QVX: DKSI 1	DKSI 1=+00000 DKSI 1=+00001 DKSI 1=+00002 DKSI 1=+00003	✓	✓	✓	✓	✓	✓	
DIGITAL LINK STATUS-HDCP STATUS	NO SIGNAL OFF			QVX: DKSI 2	DKSI 2=+00000 DKSI 2=+00001	✓	✓	✓	✓	✓	✓	

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL	QUERY		VZ585N SERIES					
				COMMANDS	COMMANDS	CALL BACK	VZ580	VW540	VX610	VZ585N	VW545N	VX615N
		ON				DKSI 2=+00002				✓	✓	✓
	DIGITAL LINK STATUS-SIGNAL QUALITY (MIN)	-255 0			QVX: DKSI 3	DKSI 3=- 00255 DKSI 3=+00000				✓	✓	✓
	DIGITAL LINK STATUS-SIGNAL QUALITY (MAX)	-255 0			QVX: DKSI 4	DKSI 4=- 00255 DKSI 4=+00000				✓	✓	✓
	DIGITAL LINK INPUT CH LIST	HD1:HDMI1,HD2:HDMI2-...			QVX: DL1S1	DL1S1=HD1: HDMI 1, ***: ***				✓	✓	✓

Note: The commands or parameters with "*" shows available commands or parameters for the projector which has been activated by the Upgrade Kit.