

Control Commands

Model No. PT-LMZ460
PT-LMZ420
PT-LMW460
PT-LMW420
PT-LMW380C
PT-LMX460
PT-LMX420
PT-LMX380C



- 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。

Panasonic

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL		QUERY		585N SERIES			
				COMMANDS/CALL BACK	COMMANDS	CALL BACK	LMZ460 LMZ420	LMW460 LMW420 LMW380C	LMX460 LMX420 LMX380C		
BASIC OPERATION REMOTE CONTROL	POWER	ON OFF (STANDBY)		PON POF	QPW	001 000		✓ ✓	✓ ✓	✓ ✓	
	VOLUME	UP DOWN		AUU AUD				✓ ✓	✓ ✓	✓ ✓	
	INPUT SELECT	COMPUTER1 COMPUTER2 HDMI1 HDMI2 NETWORK/USB MEMORY VIEWER		IIS:RG1 IIS:RG2 IIS:HD1 IIS:HD2 IIS:NWP IIS:MV1	QIN	RG1 RG2 HD1 HD2 NWP MV1		✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓	
	FREEZE	OFF ON		OFZ:0 OFZ:1	QFZ	0 1		✓ ✓	✓ ✓	✓ ✓	
	FREEZE (Toggle)	OFF ON		OFZ	QFZ	0 1		✓ ✓	✓ ✓	✓ ✓	
	MENU KEY			OMN				✓	✓	✓	
	RETURN KEY			OBK				✓	✓	✓	
	ENTER KEY			OEN				✓	✓	✓	
	UP KEY			OCU				✓	✓	✓	
	DOWN KEY			OCD				✓	✓	✓	
	LEFT KEY			OCL				✓	✓	✓	
	RIGHT KEY			OCR				✓	✓	✓	
	DEFAULT KEY			OST				✓	✓	✓	
	AUTO SETUP KEY			OAS				✓	✓	✓	
	AUTO SETUP	ON OFF		OAS	QAS	0 1		✓ ✓	✓ ✓	✓ ✓	
	SHUTTER	OFF ON		OSH:0 OSH:1	QSH	0 1		✓ ✓	✓ ✓	✓ ✓	
	SHUTTER(Toggle)	OFF ON		OSH	QSH	0 1		✓ ✓	✓ ✓	✓ ✓	
	DIGITAL ZOOM UP			DZU				✓	✓	✓	
	DIGITAL ZOOM DOWN			DZD				✓	✓	✓	
	FUNCTION KEY			FC1				✓	✓	✓	
	ECO			OEC				✓	✓	✓	
	NUMERIC KEY	1 2 3 4 5 6		ONK:1 ONK:2 ONK:3 ONK:4 ONK:5 ONK:6				✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓	
	STATUS KEY			STS				✓	✓	✓	
	P-TIMER			PTM				✓	✓	✓	
	SCREEN ADJUSTMENT			OSA				✓	✓	✓	
	AUDIO MUTE	OFF ON		AMT:0 AMT:1	QMT	0 1		✓ ✓	✓ ✓	✓ ✓	
	SELF DIAGNOSIS				QVX:ERRS1	ERRS1=*****		✓	✓	✓	
	PICTURE	PICTURE MODE	DYNAMIC NATURAL STANDARD WHITE BOARD CINEMA DICOM SIM.		VPM:DYN VPM:NAT VPM:STD VPM:WBD VPM:CIN VPM:DIC	QPM	DYN NAT STD WBD CIN DIC		✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓
		CONTRAST	-32 +32		VCN:-32 VCN:032	QVR	-32 032		✓ ✓	✓ ✓	✓ ✓
		BRIGHTNESS	-32 +32		VBR:-32 VBR:032	QVB	-32 032		✓ ✓	✓ ✓	✓ ✓
		COLOR	-32 +32		VCO:-32 VCO:032	QVC	-32 032		✓ ✓	✓ ✓	✓ ✓
		TINT	-32 +32		VTN:-32 VTN:032	QVT	-32 032		✓ ✓	✓ ✓	✓ ✓
		SHARPNESS	0 15		VSR:000 VSR:015	QVS	000 015		✓ ✓	✓ ✓	✓ ✓
		COLOR TEMPERATURE	LOW DEFAULT(MIDDLE) HIGH		OTE:0 OTE:1 OTE:2	QTE	0 1 2		✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓
		GAMMA(PRESET)	-8 +7		VXX:GAMI1=-00008 VXX:GAMI1=+00007	QVX:GAMI1	GAMI1=-00008 GAMI1=+00007		✓ ✓	✓ ✓	✓ ✓
		DAYLIGHT VIEW	OFF AUTO 1 2 3		VXX:DLVI0=+00000 VXX:DLVI0=+00001 VXX:DLVI0=+00002 VXX:DLVI0=+00003 VXX:DLVI0=+00004	QVX:DLVI0	DLVI0=+00000 DLVI0=+00001 DLVI0=+00002 DLVI0=+00003 DLVI0=+00004		✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓
		DIGITAL CINEMA REALITY	OFF ON		OPD:0 OPD:1	QPD	0 1		✓ ✓	✓ ✓	✓ ✓
		DYNAMIC CONTRAST/IRIS	OFF 1 2 3 USER		OAI:0 OAI:1 OAI:2 OAI:3 OAI:4	QAI	0 1 2 3 4		✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓
		DYNAMIC CONTRAST (LIGHTS OUT TIMER)	DISABLE 0.0s 10.0s		VXX:DYCS2=OFF VXX:DYCS2=0.0 VXX:DYCS2=10.0	QVX:DYCS2	OFF 0.0 10.0		✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓
DYNAMIC CONTRAST (LIGHTS OUT SIGNAL LEVEL)		0 5		VXX:DYCI3=+00000 VXX:DYCI3=+00005	QVX:DYCI3	00000 00005		✓ ✓	✓ ✓	✓ ✓	
RGB/YpPr		RGB YpPr AUTO		ORF:0 ORF:1 ORF:2	QRF	0 1 2		✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓	
CONTRAST-R		-32 +32		VC1:-032 VC1:0032	QC1	-32 032		✓ ✓	✓ ✓	✓ ✓	
CONTRAST-G		-32 +32		VC2:-032 VC2:0032	QC2	-32 032		✓ ✓	✓ ✓	✓ ✓	
CONTRAST-B		-32 +32		VC3:-032 VC3:0032	QC3	-32 032		✓ ✓	✓ ✓	✓ ✓	
BRIGHTNESS-R		-32 +32		VB1:-032 VB1:0032	QB1	-32 032		✓ ✓	✓ ✓	✓ ✓	
BRIGHTNESS-G		-32 +32		VB2:-032 VB2:0032	QB2	-32 032		✓ ✓	✓ ✓	✓ ✓	
BRIGHTNESS-B		-32 +32		VB3:-032 VB3:0032	QB3	-32 032		✓ ✓	✓ ✓	✓ ✓	
RGB-SYSTEM		1280×768/60GTF 1366×768/60GTF 1400×1050/60GTF 1680×1050/60GTF 1440×900/50GTF 1600×900/50GTF 1440×900/60GTF 1600×900/60GTF		VXX:RGSS1=1280:768:60:GTF VXX:RGSS1=1366:768:60:GTF VXX:RGSS1=1400:1050:60:GTF VXX:RGSS1=1680:1050:60:GTF VXX:RGSS1=1440:900:50:GTF VXX:RGSS1=1600:900:50:GTF VXX:RGSS1=1440:900:60:GTF VXX:RGSS1=1600:900:60:GTF	QVX:RGSS1	RGSS1=1280:768:60:GTF RGSS1=1366:768:60:GTF RGSS1=1400:1050:60:GTF RGSS1=1680:1050:60:GTF RGSS1=1440:900:50:GTF RGSS1=1600:900:50:GTF RGSS1=1440:900:60:GTF RGSS1=1600:900:60:GTF		✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	
REAL TIME KEYSTONE		OFF ON		OAK:0 OAK:1	QAK	0 1		✓ ✓	✓ ✓	✓ ✓	
DIGITAL ZOOM EXTENDER		+00000 +00100 +00099 +00098 +00097 +00096 +00095 +00094 +00093 +00092 +00091 +00090 +00089 +00088 +00087 +00086 +00085		VXX:DZEI1=+00000 VXX:DZEI1=+00100 VXX:DZEI1=+00099 VXX:DZEI1=+00098 VXX:DZEI1=+00097 VXX:DZEI1=+00096 VXX:DZEI1=+00095 VXX:DZEI1=+00094 VXX:DZEI1=+00093 VXX:DZEI1=+00092 VXX:DZEI1=+00091 VXX:DZEI1=+00090 VXX:DZEI1=+00089 VXX:DZEI1=+00088 VXX:DZEI1=+00087 VXX:DZEI1=+00086 VXX:DZEI1=+00085	QVX:DZEI1	DZEI1=+00000 DZEI1=+00100 DZEI1=+00099 DZEI1=+00098 DZEI1=+00097 DZEI1=+00096 DZEI1=+00095 DZEI1=+00094 DZEI1=+00093 DZEI1=+00092 DZEI1=+00091 DZEI1=+00090 DZEI1=+00089 DZEI1=+00088 DZEI1=+00087 DZEI1=+00086 DZEI1=+00085		✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL		QUERY		585N SERIES		
				COMMANDS/CALL BACK	COMMANDS	CALL BACK	LMZ460 LMZ420	LMW460 LMW420 LMW380C	LMX460 LMX420 LMX380C	
POSITION		+00084		VXX:DZEI1=+00084		DZEI1=+00084		✓	✓	✓
		+00083		VXX:DZEI1=+00083		DZEI1=+00083		✓	✓	✓
		+00082		VXX:DZEI1=+00082		DZEI1=+00082		✓	✓	✓
		+00081		VXX:DZEI1=+00081		DZEI1=+00081		✓	✓	✓
		+00080		VXX:DZEI1=+00080		DZEI1=+00080		✓	✓	✓
	DIGITAL IMAGE SHIFT-HORIZONTAL	min.		VXX:DISI1=-00192	QVX:DISI1	DISI1=-00192		192	128	102
		max.		VXX:DISI1=00192		DISI1=00192		-192	-128	-102
	DIGITAL IMAGE SHIFT-VERTICAL	min.		VXX:DISI2=-00120	QVX:DISI2	DISI2=-00120		120	80	77
		max.		VXX:DISI2=00120		DISI2=-00120		-120	-80	-77
	DIGITAL IMAGE SHIFT-HORIZONTAL(related)	min.		VXX:DISI3=-00001				384	256	204
		max.		VXX:DISI3=+00001				-384	-256	-204
	DIGITAL IMAGE SHIFT-VERTICAL(related)	min.		VXX:DISI4=-00001				240	160	154
		max.		VXX:DISI4=+00001				-240	-160	-154
	KEYSTONE-HORIZONTAL	-60		VXX:GMKI5=-00060	QVX:GMKI5	GMKI5=-00060		-70	-70	-70
		+60		VXX:GMKI5=+00060		GMKI5=+00060		70	70	70
	KEYSTONE-VERTICAL	min.		VXX:GMKI1=-00060	QVX:GMKI1	GMKI1=-00060		-50	-70	-70
		max.		VXX:GMKI1=+00060		GMKI1=+00060		50	70	70
	KEYSTONE-HORIZONTAL (Related value)	-120		VXX:KSHI1=-00120				-140	-140	-140
		+120		VXX:KSHI1=+00120				+140	+140	+140
	KEYSTONE-VERTICAL (Related Value)	-160		VXX:KSVI1=-00160				-100	-140	-100
		+160		VXX:KSVI1=+00160				100	+140	100
	CURVED CORRECTION-KEYSTONE-HORIZ.	-60		VXX:GMCI5=-00060	QVX:GMCI5	GMCI5=-00060		-70	-70	-70
		+60		VXX:GMCI5=+00060		GMCI5=+00060		70	70	70
	CURVED CORRECTION-KEYSTONE-VERT.	-50		VXX:GMCI1=-00050	QVX:GMCI1	GMCI1=-00050		-50	-70	-70
		+50		VXX:GMCI1=+00050		GMCI1=+00050		50	70	70
	CURVED CORRECTION-HORIZONTAL ARC.	-40		VXX:GMCI7=-00040	QVX:GMCI7	GMCI7=-00040		✓	✓	✓
		+40		VXX:GMCI7=+00040		GMCI7=+00040		✓	✓	✓
	CURVED CORRECTION-VERTICAL ARC	-40		VXX:GMCI3=-00040	QVX:GMCI3	GMCI3=-00040		✓	✓	✓
		+40		VXX:GMCI3=+00040		GMCI3=+00040		✓	✓	✓
	6POINT CORRECTION-UPPER LEFT H	min.		VXX:GMPS2=3,2:1,1:+00000	QVX:GMPS2=3,2:1,1	GMPS2=3,2:1,1:+00000		0		
		max.		VXX:GMPS2=3,2:1,1:+00480		GMPS2=3,2:1,1:+00480		480		
	6POINT CORRECTION-UPPER LEFT V	min.		VXX:GMPS1=3,2:1,1:+00000	QVX:GMPS1=3,2:1,1	GMPS1=3,2:1,1:+00000		0		
		max.		VXX:GMPS1=3,2:1,1:+00300		GMPS1=3,2:1,1:+00200		300		
	6POINT CORRECTION-UPPER MID H	min.		VXX:GMPS2=3,2:2,1:-00480	QVX:GMPS2=3,2:2,1	GMPS2=3,2:2,1:-00480		-480		
		max.		VXX:GMPS2=3,2:2,1:+00480		GMPS2=3,2:2,1:+00480		480		
	6POINT CORRECTION-UPPER MID V	min.		VXX:GMPS1=3,2:2,1:+00000	QVX:GMPS1=3,2:2,1	GMPS1=3,2:2,1:+00000		0		
		max.		VXX:GMPS1=3,2:2,1:+00300		GMPS1=3,2:2,1:+00300		300		
	6POINT CORRECTION-UPPER RIGHT H	min.		VXX:GMPS2=3,2:3,1:-00480	QVX:GMPS2=3,2:3,1	GMPS2=3,2:3,1:-00480		-480		
		max.		VXX:GMPS2=3,2:3,1:+00000		GMPS2=3,2:3,1:+00000		0		
	6POINT CORRECTION-UPPER RIGHT V	min.		VXX:GMPS1=3,2:3,1:+00000	QVX:GMPS1=3,2:3,1	GMPS1=3,2:3,1:+00000		0		
		max.		VXX:GMPS1=3,2:3,1:+00300		GMPS1=3,2:3,1:+00300		300		
	6POINT CORRECTION-LOWER LEFT H	min.		VXX:GMPS2=3,2:1,2:+00000	QVX:GMPS2=3,2:1,2	GMPS2=3,2:1,2:+00000		0		
		max.		VXX:GMPS2=3,2:1,2:+00480		GMPS2=3,2:1,2:+00480		480		
	6POINT CORRECTION-LOWER LEFT V	min.		VXX:GMPS1=3,2:1,2:-00300	QVX:GMPS1=3,2:1,2	GMPS1=3,2:1,2:-00300		-300		
		max.		VXX:GMPS1=3,2:1,2:+00000		GMPS1=3,2:1,2:+00000		0		
6POINT CORRECTION-LOWER MID H	min.		VXX:GMPS2=3,2:2,2:-00480	QVX:GMPS2=3,2:2,2	GMPS2=3,2:2,2:-00480		-480			
	max.		VXX:GMPS2=3,2:2,2:+00480		GMPS2=3,2:2,2:+00480		480			
6POINT CORRECTION-LOWER MID V	min.		VXX:GMPS1=3,2:2,2:-00300	QVX:GMPS1=3,2:2,2	GMPS1=3,2:2,2:-00300		-300			
	max.		VXX:GMPS1=3,2:2,2:+00000		GMPS1=3,2:2,2:+00000		0			
6POINT CORRECTION-LOWER RIGHT H	min.		VXX:GMPS2=3,2:3,2:-00480	QVX:GMPS2=3,2:3,2	GMPS2=3,2:3,2:-00480		-480			
	max.		VXX:GMPS2=3,2:3,2:+00000		GMPS2=3,2:3,2:+00000		0			
6POINT CORRECTION-LOWER RIGHT V	min.		VXX:GMPS1=3,2:3,2:-00300	QVX:GMPS1=3,2:3,2	GMPS1=3,2:3,2:-00300		-300			
	max.		VXX:GMPS1=3,2:3,2:+00000		GMPS1=3,2:3,2:+00000		0			
GEOMETRY-CURVED-VERTICAL ARC	-50 (-100)*		VXX:GMCI3=-00050	QVX:GMCI3	GMCI3=-00050		✓	✓	✓	
	+50 (+100)*		VXX:GMCI3=+00050		GMCI3=+00050		✓	✓	✓	
GEOMETRY-CURVED-HORIZONTAL ARC	-50 (-100)*		VXX:GMCI7=-00050	QVX:GMCI7	GMCI7=-00050		✓	✓	✓	
	+50 (+100)*		VXX:GMCI7=+00050		GMCI7=+00050		✓	✓	✓	
GEOMETRY-CORNER CORRECTION-UPPER LEFT(V)	min.		VXX:GMFI1=+00000	QVX:GMFI1	GMFI1=+00000		0	0	0	
	max.		VXX:GMFI1=+00300		GMFI1=+00300		+300	+300	+300	
GEOMETRY-CORNER CORRECTION-UPPER RIGHT(V)	min.		VXX:GMFI2=+00000	QVX:GMFI2	GMFI2=+00000		0	0	0	
	max.		VXX:GMFI2=+00300		GMFI2=+00300		+300	+300	+300	
GEOMETRY-CORNER CORRECTION-LOWER LEFT(V)	min.		VXX:GMFI3=-00300	QVX:GMFI3	GMFI3=-00300		-300	-300	-300	
	max.		VXX:GMFI3=+00000		GMFI3=+00000		0	0	0	
GEOMETRY-CORNER CORRECTION-LOWER RIGHT(V)	min.		VXX:GMFI4=-00300	QVX:GMFI4	GMFI4=-00300		-300	-300	-300	
	max.		VXX:GMFI4=+00000		GMFI4=+00000		0	0	0	
GEOMETRY-CORNER CORRECTION-UPPER LEFT(H)	min.		VXX:GMFI6=+00000	QVX:GMFI6	GMFI6=+00000		0	0	0	
	max.		VXX:GMFI6=+00480		GMFI6=+00480		+480	+480	+480	
GEOMETRY-CORNER CORRECTION-UPPER RIGHT(H)	min.		VXX:GMFI7=-00480	QVX:GMFI7	GMFI7=-00480		-480	-480	-480	
	max.		VXX:GMFI7=+00000		GMFI7=+00000		0	0	0	
GEOMETRY-CORNER CORRECTION-LOWER LEFT(H)	min.		VXX:GMFI8=+00000	QVX:GMFI8	GMFI8=+00000		0	0	0	
	max.		VXX:GMFI8=+00480		GMFI8=+00480		+480	+480	+480	
GEOMETRY-CORNER CORRECTION-LOWER RIGHT(H)	min.		VXX:GMFI9=-00480	QVX:GMFI9	GMFI9=-00480		-480	-480	-480	
	max.		VXX:GMFI9=+00000		GMFI9=+00000		0	0	0	
SHIFT-HORIZONTAL	-127		VHP:-127	QHP	-127		✓	✓	✓	
	+127		VHP:0127		0127		✓	✓	✓	
SHIFT-VERTICAL	-127		VVP:-127	QVP	-127		✓	✓	✓	
	+127		VVP:0127		0127		✓	✓	✓	
OVER SCAN	0%		MOV:0	QOV	0		✓	✓	✓	
	3%		MOV:1		1		✓	✓	✓	
	5%		MOV:2		2		✓	✓	✓	
	7%		MOV:3		3		✓	✓	✓	
DOT CLOCK	-32		VDC:-32	QDC	-32		✓	✓	✓	
	+32		VDC:032		032		✓	✓	✓	
CLOCK PHASE	-16		VCP:-16	QCP	-16		✓	✓	✓	
	+16		VCP:016		016		✓	✓	✓	
ASPECT	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		✓	✓	✓	
FRAME LOCK	OFF		VFL:0	QFL	0		✓	✓	✓	
	ON		VFL:1		1		✓	✓	✓	
DISPLAY LANGUAGE	LANGUAGE	English		OLG:ENG	QLG	ENG		✓	✓	✓
		German		OLG:DEU		DEU		✓	✓	✓
		French		OLG:FRA		FRA		✓	✓	✓
		Spanish		OLG:ESP		ESP		✓	✓	✓
		Italian		OLG:ITL		ITL		✓	✓	✓
		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		✓	✓	✓	
	Traditional Chinese		OLG:TCC		TCC		✓	✓	✓	
	HDMI IN-SIGNAL LEVEL	0-1023		VXX:HSLI0=+00000	QVX:HSLI0	HSLI0=+00000		✓	✓	
		64-940		VXX:HSLI0=+00001		HSLI0=+00001		✓	✓	
		AUTO		VXX:HSLI0=+00002		HSLI0=+00002		✓	✓	
	INPUT GUIDE	OFF		OID:0	QDI	0		✓	✓	
		ON (SIMPLE)		OID:1		1		✓	✓	
		DETAILED		OID:2		2		✓	✓	

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL		QUERY		585N SERIES		
				COMMANDS/CALL BACK	COMMANDS	CALL BACK	LMZ460 LMZ420	LMW460 LMW420 LMW380C	LMX460 LMX420 LMX380C	
DISPLAY OPTION	OSD POSITION	UPPER LEFT		VXX:OPSI1=+00001	QVX:OPSI1	OPSI1=+00001	✓	✓	✓	
		LOWER LEFT		VXX:OPSI1=+00003		OPSI1=+00003	✓	✓	✓	
		CENTER		VXX:OPSI1=+00005		OPSI1=+00005	✓	✓	✓	
		UPPER RIGHT		VXX:OPSI1=+00007		OPSI1=+00007	✓	✓	✓	
		LOWER RIGHT		VXX:OPSI1=+00009		OPSI1=+00009	✓	✓	✓	
	OSD SIZE	NORMAL		VXX:OSZI1=+00100	QVX:OSZI1	OSZI1=+00100	✓			
		DOUBLE		VXX:OSZI1=+00200		OSZI1=+00200	✓			
	WARNING MESSAGE	OFF		VXX:WMDI0=+00000	QVX:WMDI0	WMDI0=+00000	✓	✓	✓	
		ON		VXX:WMDI0=+00001		WMDI0=+00001	✓	✓	✓	
	SCREEN SETTING	16:10		VSF:0	QSF	0	✓	✓	✓	
		16:9		VSF:1		1	✓	✓	✓	
		4:3		VSF:2		2	✓	✓	✓	
	SCREEN POSITION-VERTICAL	LOWER		VXX:VSPI1=+00000	QVX:VSPI1	VSPI1=+00000	✓	✓	✓	
		CENTER		VXX:VSPI1=+00001		VSPI1=+00001	✓	✓	✓	
		UPPER		VXX:VSPI1=+00002		VSPI1=+00002	✓	✓	✓	
	SCREEN POSITION-HORIZONTAL	LEFT		VXX:HSPI1=+00000	QVX:HSPI1	HSPI1=+00000	✓	✓	✓	
		CENTER		VXX:HSPI1=+00001		HSPI1=+00001	✓	✓	✓	
		RIGHT		VXX:HSPI1=+00002		HSPI1=+00002	✓	✓	✓	
	STARTUP LOGO	OFF		MLO:0	QLO	0	✓	✓	✓	
		USER LOGO		MLO:1		1	✓	✓	✓	
		DEFAULT LOGO		MLO:2		2	✓	✓	✓	
	AUTO SETUP SETTING	BUTTON		OSS:0	QVX:ASSI1	ASSI1=+00002	✓	✓	✓	
		AUTO		OSS:1		ASSI1=+00001	✓	✓	✓	
	SIGNAL SEARCH	OFF		OSR:0	QSR	0	✓	✓	✓	
ON			OSR:1		1	✓	✓	✓		
BACK COLOR	BLUE		OBC:0	QBC	0	✓	✓	✓		
	BLACK		OBC:1		1	✓	✓	✓		
	DEFAULT LOGO		OBC:2		2	✓	✓	✓		
	USER LOGO		OBC:3		3	✓	✓	✓		
P-TIMER-MODE	COUNT DOWN		VXX:PTMI1=+00000	QVX:PTMI1	PTMI1=+00000	✓	✓	✓		
	COUNT UP		VXX:PTMI1=+00001		PTMI1=+00001	✓	✓	✓		
P-TIMER-COUNT DOWN TIMER	1 MIN.		VXX:PTMI2=+00001	QVX:PTMI2	PTMI2=+00001	✓	✓	✓		
	180 MIN.		VXX:PTMI2=+00180		PTMI2=+00180	✓	✓	✓		
P-TIMER-RESET	RESET		VXX:PTMI3=+00000			✓	✓	✓		
P-TIMER-EXIT	EXIT		VXX:PTMI4=+00000			✓	✓	✓		
PROJECTOR SETUP	STATUS		STS			✓	✓	✓		
	PROJECTOR ID	0(ALL)		RIS:00			✓	✓	✓	
		64		RIS:64			✓	✓	✓	
	PROJECTION METHOD INSTALLATION	FRONT/DESK		OIL:0	QSP	0	✓	✓	✓	
		REAR/DESK		OIL:1		1	✓	✓	✓	
		FRONT/CEILING		OIL:2		2	✓	✓	✓	
		REAR/CEILING		OIL:3		3	✓	✓	✓	
		FRONT/AUTO		OIL:4		4	✓	✓	✓	
	LIGHT POWER	NORMAL		VXX:LPWI1=+00000	QLP	LPWI1=+00000	✓	✓	✓	
		ECO		VXX:LPWI1=+00001		LPWI1=+00001	✓	✓	✓	
		QUIET		VXX:LPWI1=+00040		LPWI1=+00040	✓	✓	✓	
		USER		VXX:LPWI1=+00100		LPWI1=+00100	✓	✓	✓	
	LIGHT OUTPUT	min.		VXX:LOPI2=+00050	QVX:LOPI2	LOPI2=+00050	50%	50%	50%	
		max.		VXX:LOPI2=+01000		LOPI2=+01000	100%	100%	100%	
	ECO MANAGEMENT-AUTO POWER SAVE	OFF		VXX:ECOI0=+00000	QVX:ECOI0	ECOI0=+00000	✓	✓	✓	
		ON		VXX:ECOI0=+00001		ECOI0=+00001	✓	✓	✓	
	ECO MANAGEMENT-AMBIENT LIGHT DETECTION	OFF		VXX:ECOI1=+00000	QVX:ECOI1	ECOI1=+00000	✓	✓	✓	
		ON		VXX:ECOI1=+00001		ECOI1=+00001	✓	✓	✓	
	ECO MANAGEMENT-SIGNAL DETECTION	OFF		VXX:ECOI2=+00000	QVX:ECOI2	ECOI2=+00000	✓	✓	✓	
		ON		VXX:ECOI2=+00001		ECOI2=+00001	✓	✓	✓	
	POWER MANAGEMENT	OFF		VXX:ECOI5=+00000	QVX:ECOI5	ECOI5=+00000	✓	✓	✓	
		READY		VXX:ECOI5=+00001		ECOI5=+00001	✓	✓	✓	
		SHUTDOWN		VXX:ECOI5=+00002		ECOI5=+00002	✓	✓	✓	
	POWER MANAGEMENT-TIMER	5 MIN		VXX:ECOI6=+00005	QVX:ECOI6	ECOI6=+00005	✓	✓	✓	
120 MIN			VXX:ECOI6=+00120		ECOI6=+00120	✓	✓	✓		
STANDBY MODE	NORMAL		VXX:STMI0=+00000	QVX:STMI0	STMI0=+00000	✓	✓	✓		
	ECO		VXX:STMI0=+00003		STMI0=+00003	✓	✓	✓		
QUICK STARTUP	OFF		VXX:QSUI1=+00000	QVX:QSUI1	QSUI1=+00000	✓	✓	✓		
	ON		VXX:QSUI1=+00001		QSUI1=+00001	✓	✓	✓		
QUICK STARTUP-VALID PERIOD	30MIN.		VXX:QSUI2=+00030	QVX:QSUI2	QSUI2=+00030	✓	✓	✓		
	60MIN.		VXX:QSUI2=+00060		QSUI2=+00060	✓	✓	✓		
	90MIN.		VXX:QSUI2=+00090		QSUI2=+00090	✓	✓	✓		
FUNCTION BUTTON	* PARAMETER		OFC:****	QFC	****	✓	✓	✓		
INITIAL START UP	STANDBY		OPY:0	QPY	0	✓	✓	✓		
	ON		OPY:1		1	✓	✓	✓		
	LAST MEMORY		OPY:2		2	✓	✓	✓		
EMULATE	DEFAULT		VXX:EMUI0=+00001	QVX:EMUI0	EMUI0=+00001	✓	✓	✓		
	D3500		VXX:EMUI0=+00002		EMUI0=+00002	✓	✓	✓		
	D4000		VXX:EMUI0=+00003		EMUI0=+00003	✓	✓	✓		
	D/W5k SERIES		VXX:EMUI0=+00004		EMUI0=+00004	✓	✓	✓		
	D/W26k SERIES		VXX:EMUI0=+00005		EMUI0=+00005	✓	✓	✓		
	L730		VXX:EMUI0=+00006		EMUI0=+00006	✓	✓	✓		
	L780		VXX:EMUI0=+00007		EMUI0=+00007	✓	✓	✓		
	L735		VXX:EMUI0=+00008		EMUI0=+00008	✓	✓	✓		
	L785		VXX:EMUI0=+00009		EMUI0=+00009	✓	✓	✓		
	LB/W SERIES		VXX:EMUI0=+00010		EMUI0=+00010	✓	✓	✓		
	F/W SERIES		VXX:EMUI0=+00011		EMUI0=+00011	✓	✓	✓		
	LZ370		VXX:EMUI0=+00012		EMUI0=+00012	✓	✓	✓		
	VX500 SERIES		VXX:EMUI0=+00013		EMUI0=+00013	✓	✓	✓		
	EZ570 SERIES		VXX:EMUI0=+00014		EMUI0=+00014	✓	✓	✓		
	VW431D SERIES		VXX:EMUI0=+00015		EMUI0=+00015	✓	✓	✓		
	AUDIO SETTING-VOLUME	0		AVL:000	QAV	000	✓	✓	✓	
63			AVL:063		063	✓	✓	✓		
AUDIO SETTING-IN STANDBY MODE	OFF		VXX:ASBI0=+00000	QVX:ASBI0	ASBI0=+00000	✓	✓	✓		
	ON		VXX:ASBI0=+00001		ASBI0=+00001	✓	✓	✓		
AUDIO SETTING-AUDIO IN SELECT-COMPUTER1	AUDIO IN 1		VXX:AINI0=+00000	QVX:AINI0	AINI0=+00000	✓	✓	✓		
	AUDIO IN 2		VXX:AINI0=+00001		AINI0=+00001	✓	✓	✓		
AUDIO SETTING-AUDIO IN SELECT-COMPUTER2	AUDIO IN 1		VXX:AINI1=+00000	QVX:AINI1	AINI1=+00000	✓	✓	✓		
	AUDIO IN 2		VXX:AINI1=+00001		AINI1=+00001	✓	✓	✓		
AUDIO SETTING-AUDIO IN SELECT-HDMI1	HDMI1 AUDIO IN		VXX:AINI3=+00003	QVX:AINI3	AINI3=+00003	✓	✓	✓		
	AUDIO IN 1		VXX:AINI3=+00000		AINI3=+00000	✓	✓	✓		
	AUDIO IN 2		VXX:AINI3=+00001		AINI3=+00001	✓	✓	✓		
AUDIO SETTING-AUDIO IN SELECT-NETWORK	NETWORK/USB AUDIO IN		VXX:AINI6=+00004	QVX:AINI6	AINI6=+00004	✓	✓	✓		
	AUDIO IN 1		VXX:AINI6=+00000		AINI6=+00000	✓	✓	✓		
	AUDIO IN 2		VXX:AINI6=+00001		AINI6=+00001	✓	✓	✓		
AUDIO SETTING-AUDIO IN SELECT-MEMORY VIEWER	AUDIO IN 1		VXX:AINIA=+00000	QVX:AINIA	AINIA=+00000	✓	✓	✓		
	AUDIO IN 2		VXX:AINIA=+00001		AINIA=+00001	✓	✓	✓		
AUDIO SETTING-AUDIO IN SELECT-HDMI2	HDMI2 AUDIO IN		VXX:AINI7=+00003	QVX:AINI7	AINI7=+00003	✓	✓	✓		
	AUDIO IN 1		VXX:AINI7=+00000		AINI7=+00000	✓	✓	✓		
FILTER COUNTER-TIMER	AUDIO IN 2		VXX:AINI7=+00001		AINI7=+00001	✓	✓	✓		
	OFF		VXX:FCTI1=+00000	QVX:FCTI1	FCTI1=+00000	✓	✓	✓		
	1000H		VXX:FCTI1=+01000		FCTI1=+01000	✓	✓	✓		
	2000H		VXX:FCTI1=+02000		FCTI1=+02000	✓	✓	✓		
	3000H		VXX:FCTI1=+03000		FCTI1=+03000	✓	✓	✓		
	4000H		VXX:FCTI1=+04000		FCTI1=+04000	✓	✓	✓		
	5000H		VXX:FCTI1=+05000		FCTI1=+05000	✓	✓	✓		
	6000H		VXX:FCTI1=+06000		FCTI1=+06000	✓	✓	✓		
	7000H		VXX:FCTI1=+07000		FCTI1=+07000	✓	✓	✓		
	8000H		VXX:FCTI1=+08000		FCTI1=+08000	✓	✓	✓		
	9000H		VXX:FCTI1=+09000		FCTI1=+09000	✓	✓	✓		
	10000H		VXX:FCTI1=+10000		FCTI1=+10000	✓	✓	✓		
	11000H		VXX:FCTI1=+11000		FCTI1=+11000	✓	✓	✓		
	12000H		VXX:FCTI1=+12000		FCTI1=+12000	✓	✓	✓		
	13000H		VXX:FCTI1=+13000		FCTI1=+13000	✓	✓	✓		
	14000H		VXX:FCTI1=+14000		FCTI1=+14000	✓	✓	✓		
15000H		VXX:FCTI1=+15000		FCTI1=+15000	✓	✓	✓			
15000H		VXX:FCTI1=+16000		FCTI1=+16000	✓	✓	✓			
15000H		VXX:FCTI1=+17000		FCTI1=+17000	✓	✓	✓			
15000H		VXX:FCTI1=+18000		FCTI1=+18000	✓	✓	✓			
15000H		VXX:FCTI1=+19000		FCTI1=+19000	✓	✓	✓			

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL		QUERY		585N SERIES		
				COMMANDS/CALL BACK	COMMANDS	CALL BACK	LMZ460 LMZ420	LMW460 LMW420 LMW380C	LMX460 LMX420 LMX380C	
	FILTER COUNTER-RESET	16000H		VXX:FCTI1=+20000		FCTI1=+20000		✓	✓	✓
	MODEL NAME	MODEL NAME		VXX:FCTI2=+00000				✓	✓	✓
	SERIAL NUMBER	SW0101234			QID	MODELNAME		✓	✓	✓
	PROJECTOR RUNTIME	99999H			QSN	SW0101234		✓	✓	✓
	LAMP RUNTIME	9999H			QVX:RTMI0	RTMI0=+99999		✓	✓	✓
	LIGHT1 RUNTIME	7864320H			Q\$L	9999		✓	✓	✓
	LIGHT2 RUNTIME	7864320H			QVX:LRTS3=00	LRTS3=00:7864320		✓	✓	✓
	LAMP(LIGHT) CONTROL STATUS	LAMP OFF			QVX:LRTS3=01	LRTS3=01:7864320		✓	✓	✓
		In turning ON			Q\$S	0		✓	✓	✓
		LAMP ON				1		✓	✓	✓
		LAMP Cooling				2		✓	✓	✓
						3		✓	✓	✓
	AIR FILTER MODEL NUMBER	FILTER MODELNAME			QVX:FMNS0	FMNS0=FILTERMODELNO		✓	✓	✓
	FILTER COUNTER	99999H			QFI:0	99999		✓	✓	✓
	MAC ADDRESS	AB0102030405			QMA	AB0102030405		✓	✓	✓
	MAIN FIRMWARE VERSION	V1.00.01			QVX:SVRS0	SVRS0=1.00.01		✓	✓	✓
	SUB FIRMWARE VERSION	V1.00.01			QVX:SVRS2	SVRS2=1.00.01		✓	✓	✓
	TEMPERATURE (INTAKE)	0030/0080			QTM:0	0030/0080		✓	✓	✓
	TEMPERATURE (EXHAUST AIR)	0030/0080			QTM:1	0030/0080		✓	✓	✓
	TEMPERATURE (FILTER)	0030/0080			QTM:3	0030/0080		✓	✓	✓
	TEMPERATURE (LIGHT1 / LIGHT1-B)	0030/0080			QTM:11	0030/0080		✓	✓	✓
	TEMPERATURE (LIGHT2 / LIGHT1-S)	0030/0080			QTM:12	0030/0080		✓	✓	✓
	HDMI-CEC	OFF		SHC:FNC0	QHC:FNC	QHC:FNC0		✓	✓	✓
		ON		SHC:FNC1		QHC:FNC1		✓	✓	✓
	HDMI-CEC HDMI1 (Change Device)	NEXT		SHC:MH1NXT				✓	✓	✓
		PREVIEW		SHC:MH1PRE				✓	✓	✓
	HDMI-CEC HDMI1 (Get Device Name)	DEVICE NAME			QHC:HM1	QHC:HM1.DEVICENAME		✓	✓	✓
	HDMI-CEC HDMI2 (Change Device)	NEXT		SHC:MH2NXT				✓	✓	✓
		PREVIEW		SHC:MH2PRE				✓	✓	✓
	HDMI-CEC HDMI2 (Get Device Name)	DEVICE NAME			QHC:HM2	QHC:HM2.DEVICENAME		✓	✓	✓
	HDMI-CEC - MENU CODE	0x09 (ROOT)		SHC:MNC1	QHC:MNC	QHC:MNC1		✓	✓	✓
		0x0A (SETUP)		SHC:MNC2		QHC:MNC2		✓	✓	✓
		0x0B (CONTENTS)		SHC:MNC3		QHC:MNC3		✓	✓	✓
		0x0C (FAVORITE)		SHC:MNC4		QHC:MNC4		✓	✓	✓
		0x10 (MEDIA TOP)		SHC:MNC5		QHC:MNC5		✓	✓	✓
		0x11 (MEDIA POP UP)		SHC:MNC6		QHC:MNC6		✓	✓	✓
	HDMI-CEC - PROJECTOR -> DEVICE	DISABLE		SHC:PTSOFF	QHC:PTS	QHC:PTSOFF		✓	✓	✓
		POWER OFF		SHC:PTSPOF		QHC:PTSPOF		✓	✓	✓
		POWER ON/OFF		SHC:PTSPWR		QHC:PTSPWR		✓	✓	✓
	HDMI-CEC - DEVICE -> PROJECTOR	DISABLE		SHC:STPOFF	QHC:STP	QHC:STPOFF		✓	✓	✓
	POWER ON		SHC:STPPON		QHC:STPPON		✓	✓	✓	
	POWER ON/OFF		SHC:STPPWR		QHC:STPPWR		✓	✓	✓	
TEST PATTERN	TEST PATTERN	Off	OTS:00	QTS	00		✓	✓	✓	
		White	OTS:01		01		✓	✓	✓	
		Cross Hatch	OTS:07		07		✓	✓	✓	
		Color Bar V	OTS:08		08		✓	✓	✓	
		Black Cross on White	OTS:18		18		✓	✓	✓	
		White Cross on Black	OTS:19		19		✓	✓	✓	
		Color Bar H	OTS:51		51		✓	✓	✓	

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