

# Control Commands

Model No. PT-MZ770  
PT-SMZ77C  
PT-MW730  
PT-SMW73C  
PT-MZ670  
PT-MZ570  
PT-SMZ66C  
PT-MW630  
PT-MW530



- 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		MZ770 SERIES		MZ670 SERIES		
				COMMANDS	COMMANDS	CALL BACK	MZ770 SMZ77C	MW730 SMW73C	MZ670 MZ570 SMZ66C	MW630 MW530	
BASIC OPERATION	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		✓	✓	✓	✓
	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				✓	✓	✓	✓
	SHUTTER	ON		OSH: 0	QSH	0		✓	✓	✓	✓
		OFF		OSH: 1		1		✓	✓	✓	✓
	SHUTTER(Toggle)	OFF		OSH	QSH	0		✓	✓	✓	✓
		ON				1		✓	✓	✓	✓
	DIGITAL ZOOM UP			DZU				✓	✓	✓	✓
	DIGITAL ZOOM DOWN			DZD				✓	✓	✓	✓
	FUNCTION KEY			FC1				✓	✓	✓	✓
	SYSTEM SELCTOR KEY			OSL				✓	✓	✓	✓
	ASPECT KEY			VS1				✓	✓	✓	✓
	ECO			OEC				✓	✓	✓	✓
	NUMERIC KEY	0		ONK: 0				✓	✓	✓	✓
		1		ONK: 1				✓	✓	✓	✓
		2		ONK: 2				✓	✓	✓	✓
		3		ONK: 3				✓	✓	✓	✓
		4		ONK: 4				✓	✓	✓	✓
		5		ONK: 5				✓	✓	✓	✓
		6		ONK: 6				✓	✓	✓	✓
		7		ONK: 7				✓	✓	✓	✓
		8		ONK: 8				✓	✓	✓	✓
		9		ONK: 9				✓	✓	✓	✓
	LENS HOME POSITION	EXECUTE		VXX: LNS1 1=+00001				✓	✓	✓	✓
	LENS SHIFT-HORIZONTAL	SLOW+		VXX: LNS1 2=+00000				✓	✓	✓	✓
		SLOW-		VXX: LNS1 2=+00001				✓	✓	✓	✓
		NORMAL+		VXX: LNS1 2=+00100				✓	✓	✓	✓
		NORMAL-		VXX: LNS1 2=+00101				✓	✓	✓	✓
		FAST+		VXX: LNS1 2=+00200				✓	✓	✓	✓
		FAST-		VXX: LNS1 2=+00201				✓	✓	✓	✓
	LENS SHIFT-VERTICAL	SLOW+		VXX: LNS1 3=+00000				✓	✓	✓	✓
		SLOW-		VXX: LNS1 3=+00001				✓	✓	✓	✓
	NORMAL+		VXX: LNS1 3=+00100				✓	✓	✓	✓	
	NORMAL-		VXX: LNS1 3=+00101				✓	✓	✓	✓	
	FAST+		VXX: LNS1 3=+00200				✓	✓	✓	✓	
	FAST-		VXX: LNS1 3=+00201				✓	✓	✓	✓	
LENS FOCUS	SLOW+		VXX: LNS1 4=+00000				✓	✓	✓	✓	
	SLOW-		VXX: LNS1 4=+00001				✓	✓	✓	✓	
	NORMAL+		VXX: LNS1 4=+00100				✓	✓	✓	✓	
	NORMAL-		VXX: LNS1 4=+00101				✓	✓	✓	✓	
	FAST+		VXX: LNS1 4=+00200				✓	✓	✓	✓	
	FAST-		VXX: LNS1 4=+00201				✓	✓	✓	✓	
LENS ZOOM	SLOW+		VXX: LNS1 5=+00000				✓	✓	✓	✓	
	SLOW-		VXX: LNS1 5=+00001				✓	✓	✓	✓	
	NORMAL+		VXX: LNS1 5=+00100				✓	✓	✓	✓	
	NORMAL-		VXX: LNS1 5=+00101				✓	✓	✓	✓	
	FAST+		VXX: LNS1 5=+00200				✓	✓	✓	✓	
	FAST-		VXX: LNS1 5=+00201				✓	✓	✓	✓	
STATUS KEY			STS				✓	✓	✓	✓	
LENS FOCUS KEY			OLF				✓	✓	✓	✓	
LENS SHIFT KEY			OLH				✓	✓	✓	✓	
LENS ZOOM KEY			OLZ				✓	✓	✓	✓	
DIGITAL LINK KEY			DLK				✓	✓	✓	✓	
INPUT MENU KEY			IPT				✓	✓	✓	✓	
P-TIMER			PTM				✓	✓	✓	✓	
SCREEN ADJUSTMENT			OSA				✓	✓	✓	✓	
AUDIO MUTE	OFF		AMT: 0	QMT	0		✓	✓	✓	✓	
	ON		AMT: 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		✓	✓	✓	✓	
	DICOM SIM.		VPM: DI C		DI C		✓	✓	✓	✓	
CONTRAST	-31		VCN: - 31	QVR	- 31		✓	✓	✓	✓	
	+31		VCN: 031		031		✓	✓	✓	✓	
BRIGHTNESS	-31		VBR: - 31	QVB	- 31		✓	✓	✓	✓	
	+31		VBR: 031		031		✓	✓	✓	✓	
COLOR	-31		VCO: - 31	QVC	- 31		✓	✓	✓	✓	
	+31		VCO: 031		031		✓	✓	✓	✓	
TINT	-31		VTN: - 31	QVT	- 31		✓	✓	✓	✓	
	+31		VTN: 031		031		✓	✓	✓	✓	
SHARPNESS	0		VSR: 000	QVS	000		✓	✓	✓	✓	
	15		VSR: 015		015		✓	✓	✓	✓	
COLOR TEMPERATURE	LOW		OTE: 0	QTE	0		✓	✓	✓	✓	
	HIGH		OTE: 2		2		✓	✓	✓	✓	
	USER		OTE: 4		4		✓	✓	✓	✓	
	USER1(USER)		OTE: 04		4		✓	✓	✓	✓	
	DEFAULT		OTE: 10		10		✓	✓	✓	✓	
COLOR TEMP-NAME SETTING USER1	COLORTEMP1		VXX: NCGS1=COLORTEMP1	QVX: NCGS1	NCGS1=COLORTEMP1		✓	✓	✓	✓	
COLOR TEMP-NAME SETTING USER2	COLORTEMP2		VXX: NCGS3=COLORTEMP2	QVX: NCGS3	NCGS3=COLORTEMP2		✓	✓	✓	✓	
COLOR TEMP-NAME CLEAR USER1	COLORTEMP1		VXX: NCLI 1=+00000				✓	✓	✓	✓	
COLOR TEMP-NAME CLEAR USER2	COLORTEMP2		VXX: NCLI 3=+00000				✓	✓	✓	✓	
WHITE BALANCE LOW-RED	-127		VOR: 001	QOR	001		✓	✓	✓	✓	
	+127		VOR: 255		255		✓	✓	✓	✓	
WHITE BALANCE LOW-GREEN	-127		VOG: 001	QOG	001		✓	✓	✓	✓	
	+127		VOG: 255		255		✓	✓	✓	✓	
WHITE BALANCE LOW-BLUE	-127		VOB: 001	QOB	001		✓	✓	✓	✓	
	+127		VOB: 255		255		✓	✓	✓	✓	
WHITE BALANCE HIGH-RED	0		VHR: 000	QHR	000		✓	✓	✓	✓	
	+255		VHR: 255		255		✓	✓	✓	✓	
WHITE BALANCE HIGH-GREEN	0		VHG: 000	QHG	000		✓	✓	✓	✓	
	+255		VHG: 255		255		✓	✓	✓	✓	
WHITE BALANCE HIGH-BLUE	0		VHB: 000	QHB	000		✓	✓	✓	✓	
	+255		VHB: 255		255		✓	✓	✓	✓	
GAMMA(PRESET)	-8		VXX: GAMI 1=- 00008	QVX: GAMI 1	GAMI 1=- 00008		✓	✓	✓	✓	
	+7		VXX: GAMI 1=+00007		GAMI 1=+00007		✓	✓	✓	✓	
DAYLIGHT VIEW	OFF		VXX: DLVI 0=+00000	QVX: DLVI 0	DLVI 0=+00000		✓	✓	✓	✓	
	AUTO		VXX: DLVI 0=+00001		DLVI 0=+00001		✓	✓	✓	✓	
	1		VXX: DLVI 0=+00002		DLVI 0=+00002		✓	✓	✓	✓	
	2		VXX: DLVI 0=+00003		DLVI 0=+00003		✓	✓	✓	✓	
	3		VXX: DLVI 0=+00004		DLVI 0=+00004		✓	✓	✓	✓	



CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL		QUERY		MZ770 SERIES		MZ670 SERIES	
				COMMANDS	COMMANDS	COMMANDS	CALL BACK	MZ770 SMZ77C	MW730 SMW73C	MZ670 MZ570 SMZ66C	MW630 MW530
	NOISE REDUCTION	OFF		VNS: 0	QNS	0		✓	✓	✓	✓
		1		VNS: 1		1		✓	✓	✓	✓
		2		VNS: 2		2		✓	✓	✓	✓
	DYNAMIC CONTRAST/IRIS	OFF		OAI: 0	QAI	0		✓	✓	✓	✓
		1		OAI: 1		1		✓	✓	✓	✓
		2		OAI: 2		2		✓	✓	✓	✓
		USER		OAI: 4		4		✓	✓	✓	✓
	DYNAMIC CONTRAST (LIGHTS OUT TIMER)	DISABLE		VXX: DYCS2=OFF	QVX: DYCS2	OFF		✓	✓		
		0.0s		VXX: DYCS2=0. 0		0. 0		✓	✓		
		10.0s		VXX: DYCS2=10. 0		10. 0		✓	✓		
	DYNAMIC CONTRAST (LIGHTS OUT SIGNAL LEVEL)	0		VXX: DYCI 3=+00000	QVX: DYCI 3	00000		✓	✓		
		5		VXX: DYCI 3=+00005		00005		✓	✓		
	TV-SYSTEM	AUTO1		VSG: AT1	QSG	AT1		✓	✓	✓	✓
		AUTO2		VSG: AT2		AT2		✓	✓	✓	✓
		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		✓	✓	✓	✓
	SYSTEM SELECTOR RGB(VGA/480P)	VGA60		ORF: 0	QRF	0		✓	✓	✓	✓
		480P(YCbCr)		ORF: 1		1		✓	✓	✓	✓
		480p(RGB)		ORF: 3		3		✓	✓	✓	✓
SYSTEM SELECTOR RGB(Other)/DVI/SLOT-DVI	RGB		ORF: 0	QRF	0		✓	✓	✓	✓	
	YPbPr		ORF: 1		1		✓	✓	✓	✓	
SYSTEM SELECTOR HDMI/DIGITAL LINK/SLOT-HDMI	RGB		ORF: 0	QRF	0		✓	✓	✓	✓	
	YPbPr		ORF: 1		1		✓	✓	✓	✓	
	AUTO		ORF: 2		2		✓	✓	✓	✓	
POSITION	REAL TIME KEYSTONE		OAK: 0	QAK	0		✓	✓	✓	✓	
	ON		OAK: 1		1		✓	✓	✓	✓	
	GEOMETRY	OFF		VXX: GMMI 0=+00000	QVX: GMMI 0	GMMI 0=+00000		✓	✓	✓	✓
		KEYSTONE		VXX: GMMI 0=+00001		GMMI 0=+00001		✓	✓	✓	✓
		CURVED		VXX: GMMI 0=+00002		GMMI 0=+00002		✓	✓	✓	✓
		CORNER-CORRECTION		VXX: GMMI 0=+00010		GMMI 0=+00010		✓	✓	✓	✓
	GEOMETRY-KEYSTONE-LENS THROW RATIO	0.7	0.1 step	VXX: GMKSO=+00. 7	QVX: GMKSO	GMKSO=+00. 7		+00.5	+00.5	+00.5	+00.5
		16.5		VXX: GMKSO=+16. 5		GMKSO=+16. 5		+10.5	+10.5	+10.5	+10.5
	GEOMETRY-KEYSTONE-VERTICAL BALANCE	-60		VXX: GMKI 4=- 00060	QVX: GMKI 4	GMKI 4=- 00060		✓	✓	✓	✓
		+60		VXX: GMKI 4=+00060		GMKI 4=+00060		✓	✓	✓	✓
	GEOMETRY-KEYSTONE-HORIZONTAL BALANCE	-30		VXX: GMKI 7=- 00030	QVX: GMKI 7	GMKI 7=- 00030		✓	✓	✓	✓
		+30		VXX: GMKI 7=+00030		GMKI 7=+00030		✓	✓	✓	✓
	GEOMETRY-KEYSTONE-VERTICAL KEYSTONE	-40.0 (-45.0)*	0.2 step	VXX: GMKS8=- 40. 0	QVX: GMKS8	GMKS8=- 40. 0		-25.0(0.5step)	-35.0(0.5step)	-25.0(0.5step)	-35.0(0.5step)
		+40.0 (+45.0)*		VXX: GMKS8=+40. 0		GMKS8=+40. 0		+25.0(0.5step)	+35.0(0.5step)	+25.0(0.5step)	+35.0(0.5step)
	GEOMETRY-KEYSTONE-HORIZONTAL KEYSTONE	-15.0 (-40.0)*	0.2 step	VXX: GMKS9=- 15. 0	QVX: GMKS9	GMKS9=- 15. 0		-30.0(0.5step)	-35.0(0.5step)	-30.0(0.5step)	-35.0(0.5step)
		+15.0 (+40.0)*		VXX: GMKS9=+15. 0		GMKS9=+15. 0		+30.0(0.5step)	+35.0(0.5step)	+30.0(0.5step)	+35.0(0.5step)
	GEOMETRY-CURVED-LENS THROW RATIO	0.7	0.1 step	VXX: GMCSO=+00. 7	QVX: GMCSO	GMCSO=+00. 7		+00.5	+00.5	+00.5	+00.5
		16.5		VXX: GMCSO=+16. 5		GMCSO=+16. 5		+10.5	+10.5	+10.5	+10.5
	GEOMETRY-CURVED-VERTICAL ARC	-50 (-100)*		VXX: GMCI 3=- 00050	QVX: GMCI 3	GMCI 3=- 00050		✓	✓	✓	✓
		+50 (+100)*		VXX: GMCI 3=+00050		GMCI 3=+00050		✓	✓	✓	✓
	GEOMETRY-CURVED-HORIZONTAL ARC	-50 (-100)*		VXX: GMCI 7=- 00050	QVX: GMCI 7	GMCI 7=- 00050		✓	✓	✓	✓
		+50 (+100)*		VXX: GMCI 7=+00050		GMCI 7=+00050		✓	✓	✓	✓
	GEOMETRY-CURVED-VERTICAL BALANCE	-60		VXX: GMCI 2=- 00060	QVX: GMCI 2	GMCI 2=- 00060		✓	✓	✓	✓
		+60		VXX: GMCI 2=+00060		GMCI 2=+00060		✓	✓	✓	✓
GEOMETRY-CURVED-HORIZONTAL BALANCE	-30		VXX: GMCI 6=- 00030	QVX: GMCI 6	GMCI 6=- 00030		✓	✓	✓	✓	
	+30		VXX: GMCI 6=+00030		GMCI 6=+00030		✓	✓	✓	✓	
GEOMETRY-CURVED-VERTICAL KEYSTONE	-40.0 (-45.0)*	0.2 step	VXX: GMCS8=- 40. 0	QVX: GMCS8	GMCS8=- 40. 0		-25.0(0.5step)	-35.0(0.5step)	-25.0(0.5step)	-35.0(0.5step)	
	+40.0 (+45.0)*		VXX: GMCS8=+40. 0		GMCS8=+40. 0		+25.0(0.5step)	+35.0(0.5step)	+25.0(0.5step)	+35.0(0.5step)	
GEOMETRY-CURVED-HORIZONTAL KEYSTONE	-15.0 (-40.0)*	0.2 step	VXX: GMCS9=- 15. 0	QVX: GMCS9	GMCS9=- 15. 0		-30.0(0.5step)	-35.0(0.5step)	-30.0(0.5step)	-35.0(0.5step)	
	+15.0 (+40.0)*		VXX: GMCS9=+15. 0		GMCS9=+15. 0		+30.0(0.5step)	+35.0(0.5step)	+30.0(0.5step)	+35.0(0.5step)	
GEOMETRY-CURVED-MAINTAIN ASPECT RATIO	OFF		VXX: GMCI A=+00000	QVX: GMCI A	GMCI A=+00000		✓	✓	✓	✓	
	ON		VXX: GMCI A=+00001		GMCI A=+00001		✓	✓	✓	✓	
GEOMETRY-CORNER CORRECTION-UPPER LEFT(V)	min.		VXX: GMFI 1=+00000	QVX: GMFI 1	GMFI 1=+00000		0	0	0	0	
	max.		VXX: GMFI 1=+00300		GMFI 1=+00300		+300	+200	+300	+200	
GEOMETRY-CORNER CORRECTION-UPPER RIGHT(V)	min.		VXX: GMFI 2=+00000	QVX: GMFI 2	GMFI 2=+00000		0	0	0	0	
	max.		VXX: GMFI 2=+00300		GMFI 2=+00300		+300	+200	+300	+200	
GEOMETRY-CORNER CORRECTION-LOWER LEFT(V)	min.		VXX: GMFI 3=- 00300	QVX: GMFI 3	GMFI 3=- 00300		-300	-200	-300	-200	
	max.		VXX: GMFI 3=+00000		GMFI 3=+00000		0	0	0	0	
GEOMETRY-CORNER CORRECTION-LOWER RIGHT(V)	min.		VXX: GMFI 4=- 00300	QVX: GMFI 4	GMFI 4=- 00300		-300	-200	-300	-200	
	max.		VXX: GMFI 4=+00000		GMFI 4=+00000		0	0	0	0	
GEOMETRY-CORNER CORRECTION-LINEARITY(V)	min.		VXX: GMFI 5=- 00127	QVX: GMFI 5	GMFI 5=- 00127		-127	-127	-127	-127	
	max.		VXX: GMFI 5=+00127		GMFI 5=+00127		+127	+127	+127	+127	
GEOMETRY-CORNER CORRECTION-UPPER LEFT(H)	min.		VXX: GMFI 6=+00000	QVX: GMFI 6	GMFI 6=+00000		0	0	0	0	
	max.		VXX: GMFI 6=+00480		GMFI 6=+00480		+480	+320	+480	+320	
GEOMETRY-CORNER CORRECTION-UPPER RIGHT(H)	min.		VXX: GMFI 7=- 00480	QVX: GMFI 7	GMFI 7=- 00480		-480	-320	-480	-320	
	max.		VXX: GMFI 7=+00000		GMFI 7=+00000		0	0	0	0	
GEOMETRY-CORNER CORRECTION-LOWER LEFT(H)	min.		VXX: GMFI 8=+00000	QVX: GMFI 8	GMFI 8=+00000		0	0	0	0	
	max.		VXX: GMFI 8=+00480		GMFI 8=+00480		+480	320	+480	320	
GEOMETRY-CORNER CORRECTION-LOWER RIGHT(H)	min.		VXX: GMFI 9=- 00480	QVX: GMFI 9	GMFI 9=- 00480		-480	-320	-480	-320	
	max.		VXX: GMFI 9=+00000		GMFI 9=+00000		0	0	0	0	
GEOMETRY-CORNER CORRECTION-LINEARITY(H)	min.		VXX: GMFI A=- 00127	QVX: GMFI A	GMFI A=- 00127		-127	-127	-127	-127	
	max.		VXX: GMFI A=+00127		GMFI A=+00127		+127	+127	+127	+127	
SHIFT-HORIZONTAL	0		VTH: 0000	QTH	0000		✓	✓	✓	✓	
	+4095		VTH: 4095		4095		✓	✓	✓	✓	
SHIFT-VERTICAL	0		VTV: 0000	QTV	0000		✓	✓	✓	✓	
	+4094		VTV: 4094		4094		✓	✓	✓	✓	
CLOCK PHASE	0		VCP: 000	QCP	000		✓	✓	✓	✓	
	+31		VCP: 031		063		✓	✓	✓	✓	
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		✓	✓	✓	✓	
ZOOM-HORIZONTAL	50		OZH: 050	QZH	050		✓	✓	✓	✓	
	999		OZH: 999		999		✓	✓	✓	✓	
ZOOM-VERTICAL	50		OZV: 050	QZV	050		✓	✓	✓	✓	
	999		OZV: 999		999		✓	✓	✓	✓	
ZOOM-BOTH	50		OZO: 050	QZO	050		✓	✓	✓	✓	
	999		OZO: 999		999		✓	✓	✓	✓	
ZOOM-INTERLOCKED	OFF		OZS: 0	QZS	0		✓	✓	✓	✓	
	ON		OZS: 1		1		✓	✓	✓	✓	
ZOOM-MODE	INTERNAL		OZT: 0	QZT	0		✓	✓	✓	✓	
	FULL		OZT: 1		1		✓	✓	✓	✓	
FRAME LOCK	OFF		VFL: 0	QFL	0		✓	✓	✓	✓	
	ON		VFL: 1		1		✓	✓	✓	✓	
DIGITAL CINEMA REALITY	AUTO		OPD: 0	QPD	0		✓	✓	✓	✓	
	OFF		OPD: 1		1		✓	✓	✓	✓	
BLANKING-UPPER	30p/25p FIXED		OPD: 2		2		✓	✓	✓	✓	
	min.		DBU: 000	QLU	000		0	0	0	0	
BLANKING-LOWER	max.		DBU: 2398		2398		599	599	599	599	
	min.		DBB: 000	QLB	000		0	0	0	0	
BLANKING-RIGHT	max.		DBB: 2398		2398		599	599	599	599	
	min.		DBR: 000	QLR	000		0	0	0	0	
BLANKING-LEFT	max.		DBR: 3838		3838		959	959	959	959	
	min.		DBL: 000	QLL	000		0	0	0	0	
INPUT RESOLUTION-TOTAL DOTS	330		VTD: 0330	QTD	0330		✓	✓	✓	✓	
	4095		VTD: 4095		4095		✓	✓	✓	✓	
INPUT RESOLUTION-DISPLAY DOTS	300		VDD: 0300	QDD	0300		✓	✓	✓	✓	
	4065		VDD: 4065		4065		✓	✓	✓	✓	
INPUT RESOLUTION-TOTAL LINES	155		VTL: 0155	QTL	0155		✓	✓	✓	✓	
	2047		VTL: 2047		2047		✓	✓	✓	✓	
INPUT RESOLUTION-DISPLAY LINES	150		VDL: 0150	QDL	0150</						



CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL	QUERY	MZ770 SERIES		MZ670 SERIES		
				COMMANDS	COMMANDS	CALL BACK	MZ770 SMZ77C	MW730 SMW73C	MZ670 MZ570 SMZ66C	MW630 MW530
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	✓	✓	✓	✓		
	COLOR MATCHING	OFF		VXX: CMAI 0=+0000	QVX: CMAI 0	CMAI 0=+0000	✓	✓	✓	✓
		3COLORS		VXX: CMAI 0=+00001		CMAI 0=+00001	✓	✓	✓	✓
	7COLORS		VXX: CMAI 0=+00002		CMAI 0=+00002	✓	✓	✓	✓	
	COLOR MATCHING-3COLORS-RED	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	✓	✓	✓	✓
	COLOR MATCHING-3COLORS-GREEN	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	✓	✓	✓	✓
	COLOR MATCHING-3COLORS-BLUE	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	✓	✓	✓	✓
	COLOR MATCHING-3COLORS-WHITE	256 (GAIN)		VMM: 0256	QMW	0256	✓	✓	✓	✓
		2048(GAIN)		VMM: 2048		2048	✓	✓	✓	✓
	COLOR MATCHING-3COLORS-AUTO TESTPATTERN	OFF		VXX: CATI 0=+00000	QVX: CATI 0	CATI 0=+00000	✓	✓	✓	✓
		ON		VXX: CATI 0=+00001		CATI 0=+00001	✓	✓	✓	✓
	COLOR MATCHING-7COLORS-RED	0 (R,G,B)		VXX: C7CS0=0000, 0000, 0000	QVX: C7CS0	C7CS0=0000, 0000, 0000	✓	✓	✓	✓
		2048(R,G,B)		VXX: C7CS0=2048, 2048, 2048		C7CS0=2048, 2048, 2048	✓	✓	✓	✓
	COLOR MATCHING-7COLORS-GREEN	0 (R,G,B)		VXX: C7CS1=0000, 0000, 0000	QVX: C7CS1	C7CS1=0000, 0000, 0000	✓	✓	✓	✓
		2048(R,G,B)		VXX: C7CS1=2048, 2048, 2048		C7CS1=2048, 2048, 2048	✓	✓	✓	✓
	COLOR MATCHING-7COLORS-BLUE	0 (R,G,B)		VXX: C7CS2=0000, 0000, 0000	QVX: C7CS2	C7CS2=0000, 0000, 0000	✓	✓	✓	✓
		2048(R,G,B)		VXX: C7CS2=2048, 2048, 2048		C7CS2=2048, 2048, 2048	✓	✓	✓	✓
	COLOR MATCHING-7COLORS-CYAN	0 (R,G,B)		VXX: C7CS3=0000, 0000, 0000	QVX: C7CS3	C7CS3=0000, 0000, 0000	✓	✓	✓	✓
2048(R,G,B)			VXX: C7CS3=2048, 2048, 2048		C7CS3=2048, 2048, 2048	✓	✓	✓	✓	
COLOR MATCHING-7COLORS-MAGENTA	0 (R,G,B)		VXX: C7CS4=0000, 0000, 0000	QVX: C7CS4	C7CS4=0000, 0000, 0000	✓	✓	✓	✓	
	2048(R,G,B)		VXX: C7CS4=2048, 2048, 2048		C7CS4=2048, 2048, 2048	✓	✓	✓	✓	
COLOR MATCHING-7COLORS-YELLOW	0 (R,G,B)		VXX: C7CS5=0000, 0000, 0000	QVX: C7CS5	C7CS5=0000, 0000, 0000	✓	✓	✓	✓	
	2048(R,G,B)		VXX: C7CS5=2048, 2048, 2048		C7CS5=2048, 2048, 2048	✓	✓	✓	✓	
COLOR MATCHING-7COLORS-WHITE	0 (R,G,B)		VXX: C7CS6=0000, 0000, 0000	QVX: C7CS6	C7CS6=0000, 0000, 0000	✓	✓	✓	✓	
	2048(R,G,B)		VXX: C7CS6=2048, 2048, 2048		C7CS6=2048, 2048, 2048	✓	✓	✓	✓	
COLOR MATCHING-7COLORS-AUTO TESTPATTERN	OFF		VXX: CATI 1=+00000	QVX: CATI 1	CATI 1=+00000	✓	✓	✓	✓	
	ON		VXX: CATI 1=+00001		CATI 1=+00001	✓	✓	✓	✓	
COLOR CORRECTION	OFF		VCM: 0	QVC	0	✓	✓	✓	✓	
	USER		VCM: 1		1	✓	✓	✓	✓	
COLOR CORRECTION-RED	-30		VXX: CCRI 0=- 00030	QVX: CCRI 0	CCRI 0=- 00030	✓	✓	✓	✓	
	+30		VXX: CCRI 0=+00030		CCRI 0=+00030	✓	✓	✓	✓	
COLOR CORRECTION-GREEN	-30		VXX: CCRI 1=- 00030	QVX: CCRI 1	CCRI 1=- 00030	✓	✓	✓	✓	
	+30		VXX: CCRI 1=+00030		CCRI 1=+00030	✓	✓	✓	✓	
COLOR CORRECTION-BLUE	-30		VXX: CCRI 2=- 00030	QVX: CCRI 2	CCRI 2=- 00030	✓	✓	✓	✓	
	+30		VXX: CCRI 2=+00030		CCRI 2=+00030	✓	✓	✓	✓	
COLOR CORRECTION-CYAN	-30		VXX: CCRI 3=- 00030	QVX: CCRI 3	CCRI 3=- 00030	✓	✓	✓	✓	
	+30		VXX: CCRI 3=+00030		CCRI 3=+00030	✓	✓	✓	✓	
COLOR CORRECTION-MAGENTA	-30		VXX: CCRI 4=- 00030	QVX: CCRI 4	CCRI 4=- 00030	✓	✓	✓	✓	
	+30		VXX: CCRI 4=+00030		CCRI 4=+00030	✓	✓	✓	✓	
COLOR CORRECTION-YELLOW	-30		VXX: CCRI 5=- 00030	QVX: CCRI 5	CCRI 5=- 00030	✓	✓	✓	✓	
	+30		VXX: CCRI 5=+00030		CCRI 5=+00030	✓	✓	✓	✓	
AUTO SIGNAL	OFF		VXX: AASI 0=+00000	QVX: AASI 0	AASI 0=+00000	✓	✓	✓	✓	
	ON		VXX: AASI 0=+00001		AASI 0=+00001	✓	✓	✓	✓	
AUTO SETUP -MODE	USER		OAM 0	QAM	0	✓	✓	✓	✓	
	DEFAULT		OAM 1		1	✓	✓	✓	✓	
	WIDE		OAM 2		2	✓	✓	✓	✓	
AUTO SETUP -POSITION ADJ.	OFF		VXX: APAI 0=+00000	QVX: APAI 0	APAI 0=+00000	✓	✓	✓	✓	
	ON		VXX: APAI 0=+00001		APAI 0=+00001	✓	✓	✓	✓	
RGB IN-RGB1 SYNC SLICE LEVEL	LOW		VXX: STRI 0=+00000	QVX: STRI 0	STRI 0=+00000	✓	✓	✓	✓	
	HIGH		VXX: STRI 0=+00001		STRI 0=+00001	✓	✓	✓	✓	
RGB IN-RGB2 SYNC SLICE LEVEL	LOW		VXX: STRI 1=+00000	QVX: STRI 1	STRI 1=+00000	✓	✓	✓	✓	
	HIGH		VXX: STRI 1=+00001		STRI 1=+00001	✓	✓	✓	✓	
RGB IN-RGB2 EDID MODE	DEFAULT		VXX: EDM1 1=+00000	QVX: EDM1 1	EDM1 1=+00000	✓	✓	✓	✓	
	SCREEB FIT		VXX: EDM1 1=+00001		EDM1 1=+00001	✓	✓	✓	✓	
	USER		VXX: EDM1 1=+00010		EDM1 1=+00010	✓	✓	✓	✓	
RGB IN-RGB2 EDID RESOLUTION	1024x768p		VXX: EDRS1=1024: 0768: p	QVX: EDRS1	EDRS1=1024: 0768: p	✓	✓	✓	✓	
	1280x720p		VXX: EDRS1=1280: 0720: p		EDRS1=1280: 0720: p	✓	✓	✓	✓	
	1280x768p		VXX: EDRS1=1280: 0768: p		EDRS1=1280: 0768: p	✓	✓	✓	✓	
	1280x800p		VXX: EDRS1=1280: 0800: p		EDRS1=1280: 0800: p	✓	✓	✓	✓	
	1280x1024p		VXX: EDRS1=1280: 1024: p		EDRS1=1280: 1024: p	✓	✓	✓	✓	
	1366x768p		VXX: EDRS1=1366: 0768: p		EDRS1=1366: 0768: p	✓	✓	✓	✓	
	1400x1050p		VXX: EDRS1=1400: 1050: p		EDRS1=1400: 1050: p	✓	✓	✓	✓	
	1440x900p		VXX: EDRS1=1440: 0900: p		EDRS1=1440: 0900: p	✓	✓	✓	✓	
	1600x900p		VXX: EDRS1=1600: 0900: p		EDRS1=1600: 0900: p	✓	✓	✓	✓	
	1600x1200p		VXX: EDRS1=1600: 1200: p		EDRS1=1600: 1200: p	✓	✓	✓	✓	
	1680x1050p		VXX: EDRS1=1680: 1050: p		EDRS1=1680: 1050: p	✓	✓	✓	✓	
	1920x1080p		VXX: EDRS1=1920: 1080: p		EDRS1=1920: 1080: p	✓	✓	✓	✓	
	1920x1080i		VXX: EDRS1=1920: 1080: i		EDRS1=1920: 1080: i	✓	✓	✓	✓	
	1920x1200p		VXX: EDRS1=1920: 1200: p		EDRS1=1920: 1200: p	✓	✓	✓	✓	
	RGB IN-RGB2 EDID VERTICAL SCAN FREQUENCY	60Hz		VXX: EDVI 1=+06000	QVX: EDVI 1	EDVI 1=+06000	✓	✓	✓	✓
50Hz			VXX: EDVI 1=+05000		EDVI 1=+05000	✓	✓	✓	✓	
48Hz			VXX: EDVI 1=+04800		EDVI 1=+04800	✓	✓	✓	✓	
30Hz			VXX: EDVI 1=+03000		EDVI 1=+03000	✓	✓	✓	✓	
25Hz			VXX: EDVI 1=+02500		EDVI 1=+02500	✓	✓	✓	✓	
HDMI IN-EDID MODE	DEFAULT		VXX: EDM3 3=+00000	QVX: EDM3 3	EDM3 3=+00000	✓	✓	✓	✓	
	SCREEN FIT		VXX: EDM3 3=+00001		EDM3 3=+00001	✓	✓	✓	✓	
	USER		VXX: EDM3 3=+00010		EDM3 3=+00010	✓	✓	✓	✓	
	HDMI IN-EDID RESOLUTION	1024x768p		VXX: EDRS3=1024: 0768: p	QVX: EDRS3	EDRS3=1024: 0768: p	✓	✓	✓	✓
		1280x720p		VXX: EDRS3=1280: 0720: p		EDRS3=1280: 0720: p	✓	✓	✓	✓
1280x768p			VXX: EDRS3=1280: 0768: p		EDRS3=1280: 0768: p	✓	✓	✓	✓	
1280x800p			VXX: EDRS3=1280: 0800: p		EDRS3=1280: 0800: p	✓	✓	✓	✓	
1280x1024p			VXX: EDRS3=1280: 1024: p		EDRS3=1280: 1024: p	✓	✓	✓	✓	
1366x768p			VXX: EDRS3=1366: 0768: p		EDRS3=1366: 0768: p	✓	✓	✓	✓	
1400x1050p			VXX: EDRS3=1400: 1050: p		EDRS3=1400: 1050: p	✓	✓	✓	✓	
1440x900p			VXX: EDRS3=1440: 0900: p		EDRS3=1440: 0900: p	✓	✓	✓	✓	
1600x900p			VXX: EDRS3=1600: 0900: p		EDRS3=1600: 0900: p	✓	✓	✓	✓	
1600x1200p			VXX: EDRS3=1600: 1200: p		EDRS3=1600: 1200: p	✓	✓	✓	✓	
1680x1050p			VXX: EDRS3=1680: 1050: p		EDRS3=1680: 1050: p	✓	✓	✓	✓	
1920x1080p			VXX: EDRS3=1920: 1080: p		EDRS3=1920: 1080: p	✓	✓	✓	✓	
1920x1080i			VXX: EDRS3=1920: 1080: i		EDRS3=1920: 1080: i	✓	✓	✓	✓	
1920x1200p			VXX: EDRS3=1920: 1200: p		EDRS3=1920: 1200: p	✓	✓	✓	✓	
HDMI IN-EDID VERTICAL SCAN FREQUENCY		60Hz		VXX: EDVI 3=+06000	QVX: EDVI 3	EDVI 3=+06000	✓	✓	✓	✓
	50Hz		VXX: EDVI 3=+05000		EDVI 3=+05000	✓	✓	✓	✓	
	48Hz		VXX: EDVI 3=+04800		EDVI 3=+04800	✓	✓	✓	✓	
	30Hz		VXX: EDVI 3=+03000		EDVI 3=+03000	✓	✓	✓	✓	
	25Hz		VXX: EDVI 3=+02500		EDVI 3=+02500	✓	✓			



CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL	QUERY	MZ770 SERIES		MZ670 SERIES	
				COMMANDS	COMMANDS	CALL BACK	MZ770 SMZ77C	MW730 SMW73C	MZ670 MZ570 SMZ66C
DISPLAY OPTION	HDMI IN-HDMI2 EDID SELECT	4K/60p		VXX: HESI 2=+00000	QVX: HSLI 2	HSLI 2=+00000	✓		
		4K/30p		VXX: HESI 2=+00001		HSLI 2=+00001	✓		
		2K		VXX: HESI 2=+00002		HSLI 2=+00002	✓		
	HDMI IN-HDMI2 EDID MODE	DEFAULT		VXX: EDMI 6=+00000	QVX: EDMI 3	EDMI 6=+00000	✓	✓	✓
		SCREEN FIT		VXX: EDMI 6=+00001		EDMI 6=+00001	✓	✓	✓
		USER		VXX: EDMI 6=+00010		EDMI 6=+00010	✓	✓	✓
	HDMI IN-HDMI2 EDID RESOLUTION	1024x768p		VXX: EDRS6=1024: 0768: p	QVX: EDRS3	EDRS6=1024: 0768: p	✓	✓	✓
		1280x720p		VXX: EDRS6=1280: 0720: p		EDRS6=1280: 0720: p	✓	✓	✓
		1280x768p		VXX: EDRS6=1280: 0768: p		EDRS6=1280: 0768: p	✓	✓	✓
		1280x800p		VXX: EDRS6=1280: 0800: p		EDRS6=1280: 0800: p	✓	✓	✓
		1280x1024p		VXX: EDRS6=1280: 1024: p		EDRS6=1280: 1024: p	✓	✓	✓
		1366x768p		VXX: EDRS6=1366: 0768: p		EDRS6=1366: 0768: p	✓	✓	✓
		1400x1050p		VXX: EDRS6=1400: 1050: p		EDRS6=1400: 1050: p	✓	✓	✓
		1440x900p		VXX: EDRS6=1440: 0900: p		EDRS6=1440: 0900: p	✓	✓	✓
		1600x900p		VXX: EDRS6=1600: 0900: p		EDRS6=1600: 0900: p	✓	✓	✓
		1600x1200p		VXX: EDRS6=1600: 1200: p		EDRS6=1600: 1200: p	✓	✓	✓
		1680x1050p		VXX: EDRS6=1680: 1050: p		EDRS6=1680: 1050: p	✓	✓	✓
		1920x1080p		VXX: EDRS6=1920: 1080: p		EDRS6=1920: 1080: p	✓	✓	✓
		1920x1080i		VXX: EDRS6=1920: 1080: i		EDRS6=1920: 1080: i	✓	✓	✓
		1920x1200p		VXX: EDRS6=1920: 1200: p		EDRS6=1920: 1200: p	✓	✓	✓
		HDMI IN-HDMI2 EDID VERTICAL SCAN FREQUENCY	60Hz		VXX: EDVI 6=+06000	QVX: EDVI 3	EDVI 6=+06000	✓	✓
	50Hz			VXX: EDVI 6=+05000		EDVI 6=+05000	✓	✓	✓
	48Hz			VXX: EDVI 6=+04800		EDVI 6=+04800	✓	✓	✓
	30Hz			VXX: EDVI 6=+03000		EDVI 6=+03000	✓	✓	✓
	25Hz			VXX: EDVI 6=+02500		EDVI 6=+02500	✓	✓	✓
	24Hz			VXX: EDVI 6=+02400		EDVI 6=+02400	✓	✓	✓
	DIGITAL LINK-SIGNAL LEVEL	AUTO		VXX: DKLI 1=+00000	QVX: DKLI 1	DKLI 1=+00000	✓	✓	✓
		0-1023		VXX: DKLI 1=+00001		DKLI 1=+00001	✓	✓	✓
		64-940		VXX: DKLI 1=+00002		DKLI 1=+00002	✓	✓	✓
	DIGITAL LINK-EDID MODE	DEFAULT		VXX: EDMI 4=+00000	QVX: EDMI 4	EDMI 4=+00000	✓	✓	✓
		SCREEN FIT		VXX: EDMI 4=+00001		EDMI 4=+00001	✓	✓	✓
		USER		VXX: EDMI 4=+00010		EDMI 4=+00010	✓	✓	✓
	DIGITAL LINK-EDID RESOLUTION	1024x768p		VXX: EDRS4=1024: 0768: p	QVX: EDRS4	EDRS4=1024: 0768: p	✓	✓	✓
		1280x720p		VXX: EDRS4=1280: 0720: p		EDRS4=1280: 0720: p	✓	✓	✓
		1280x768p		VXX: EDRS4=1280: 0768: p		EDRS4=1280: 0768: p	✓	✓	✓
		1280x800p		VXX: EDRS4=1280: 0800: p		EDRS4=1280: 0800: p	✓	✓	✓
		1280x1024p		VXX: EDRS4=1280: 1024: p		EDRS4=1280: 1024: p	✓	✓	✓
		1366x768p		VXX: EDRS4=1366: 0768: p		EDRS4=1366: 0768: p	✓	✓	✓
		1400x1050p		VXX: EDRS4=1400: 1050: p		EDRS4=1400: 1050: p	✓	✓	✓
		1440x900p		VXX: EDRS4=1440: 0900: p		EDRS4=1440: 0900: p	✓	✓	✓
		1600x900p		VXX: EDRS4=1600: 0900: p		EDRS4=1600: 0900: p	✓	✓	✓
		1600x1200p		VXX: EDRS4=1600: 1200: p		EDRS4=1600: 1200: p	✓	✓	✓
		1680x1050p		VXX: EDRS4=1680: 1050: p		EDRS4=1680: 1050: p	✓	✓	✓
		1920x1080p		VXX: EDRS4=1920: 1080: p		EDRS4=1920: 1080: p	✓	✓	✓
		1920x1080i		VXX: EDRS4=1920: 1080: i		EDRS4=1920: 1080: i	✓	✓	✓
1920x1200p			VXX: EDRS4=1920: 1200: p		EDRS4=1920: 1200: p	✓	✓	✓	
DIGITAL LINK-EDID VERTICAL SCAN FREQUENCY		60Hz		VXX: EDVI 4=+06000	QVX: EDVI 4	EDVI 4=+06000	✓	✓	✓
	50Hz		VXX: EDVI 4=+05000		EDVI 4=+05000	✓	✓	✓	
	48Hz		VXX: EDVI 4=+04800		EDVI 4=+04800	✓	✓	✓	
	30Hz		VXX: EDVI 4=+03000		EDVI 4=+03000	✓	✓	✓	
	25Hz		VXX: EDVI 4=+02500		EDVI 4=+02500	✓	✓	✓	
	24Hz		VXX: EDVI 4=+02400		EDVI 4=+02400	✓	✓	✓	
INPUT GUIDE	OFF		OID: 0	QDI	0	✓	✓	✓	
	ON (SIMPLE)		OID: 1		1	✓	✓	✓	
OSD POSITION	UPPER LEFT		ODP: 1	QDP	1	✓	✓	✓	
	CETRE LEFT		ODP: 2		2	✓	✓	✓	
	LOWER LEFT		ODP: 3		3	✓	✓	✓	
	TOP CENTER		ODP: 4		4	✓	✓	✓	
	CENTER		ODP: 5		5	✓	✓	✓	
	LOEER CENTER		ODP: 6		6	✓	✓	✓	
	UPPER RIGHT		ODP: 7		7	✓	✓	✓	
	CENTER RIGHT		ODP: 8		8	✓	✓	✓	
	LOWER RIGHT		ODP: 9		9	✓	✓	✓	
	OSD ROTATION	OFF		VXX: OSRI 1=+00000	QVX: OSRI 1	OSRI 1=+00000	✓	✓	✓
CLOCKWISE			VXX: OSRI 1=+00001		OSRI 1=+00001	✓	✓	✓	
COUNTER CLOCKWISE			VXX: OSRI 1=+00002		OSRI 1=+00002	✓	✓	✓	
OSD MEMORY	OFF		VXX: OMYI 0=+00000	QVX: OMYI 0	OMYI 0=+00000	✓	✓	✓	
	ON		VXX: OMYI 0=+00001		OMYI 0=+00001	✓	✓	✓	
ON SCREEN	OFF		OOS: 0	QOS	0	✓	✓	✓	
	ON		OOS: 1		1	✓	✓	✓	
OSD SIZE	NORMAL		VXX: OSZI 1=+00100	QVX: OSZI 1	OSZI 1=+00100	✓	✓	✓	
	DOUBLE		VXX: OSZI 1=+00200		OSZI 1=+00200	✓	✓	✓	
WARNING MESSAGE	OFF		VXX: WMDI 0=+00000	QVX: WMDI 0	WMDI 0=+00000	✓	✓	✓	
	ON		VXX: WMDI 0=+00001		WMDI 0=+00001	✓	✓	✓	
OSD DESIGN	1(YELLOW)		MOD: 0	QOD	0	✓	✓	✓	
	2(BLUE)		MOD: 1		1	✓	✓	✓	
	3(WHITE)		MOD: 2		2	✓	✓	✓	
	4(GREEN)		MOD: 3		3	✓	✓	✓	
	5(PEACH)		MOD: 4		4	✓	✓	✓	
	6(BROWN)		MOD: 5		5	✓	✓	✓	
CLOSED CAPTION SETTING	OFF		OCC: 0	QCC	0	✓	✓	✓	
	CC1		OCC: 1		1	✓	✓	✓	
	CC2		OCC: 2		2	✓	✓	✓	
	CC3		OCC: 3		3	✓	✓	✓	
	CC4		OCC: 4		4	✓	✓	✓	
SCREEN SETTING	16:10		VSF: 0	QSF	0	✓	✓	✓	
	16:9		VSF: 1		1	✓	✓	✓	
	4:3		VSF: 2		2	✓	✓	✓	
SCREEN POSITION-VERTICAL	min.		VXX: VSPI 0=- 00120	QVX: VSPI 0	VSPI 0=- 00120	-60	-40	-60	
	max.		VXX: VSPI 0=+00120		VSPI 0=+00120	60	40	60	
SCREEN POSITION-HORORIZONTAL	min.		VXX: HSPI 0=- 00320	QVX: HSPI 0	HSPI 0=- 00320	-160	-107	-160	
	max.		VXX: HSPI 0=+00320		HSPI 0=+00320	+160	+107	+160	
STARTUP LOGO	OFF		MLO: 0	QLO	0	✓	✓	✓	
	USER LOGO		MLO: 1		1	✓	✓	✓	
	DEFAULT LOGO		MLO: 2		2	✓	✓	✓	
UNIFORMITY-WHITE/RED/GREEN/RED	* PARAMETER		ESW: * , * , * , * , * , * , * , *	ESR: * , * , *	* , * , * , * , * , * , * , *	✓	✓	✓	
	* PARAMETER 1	WHITE		ESW: W , * , * , * , * , * , * , *	ESR: W , * , *	* , * , * , * , * , * , * , *	✓	✓	✓
		RED		ESW: R , * , * , * , * , * , * , *	ESR: R , * , *	* , * , * , * , * , * , * , *	✓	✓	✓
		GREEN		ESW: G , * , * , * , * , * , * , *	ESR: G , * , *	* , * , * , * , * , * , * , *	✓	✓	✓
		BLUE		ESW: B , * , * , * , * , * , * , *	ESR: B , * , *	* , * , * , * , * , * , * , *	✓	✓	✓
	* PARAMETER 2	VERTICAL(-127)		ESW: * , - 127 , * , * , * , * , * , *	ESR: * , * , *	* , - 127 , * , * , * , * , * , *	✓	✓	✓
		VERTICAL(+127)		ESW: * , +127 , * , * , * , * , * , *	ESR: * , * , *	* , +127 , * , * , * , * , * , *	✓	✓	✓
	* PARAMETER 3	HORIZONTAL(-127)		ESW: * , * , * , * , * , * , - 127 , * , *	ESR: * , * , *	* , * , * , * , * , * , - 127 , * , *	✓	✓	✓
		HORIZONTAL(+127)		ESW: * , * , * , * , * , * , +127 , * , *	ESR: * , * , *	* , * , * , * , * , * , +127 , * , *	✓	✓	✓
	* PARAMETER 4	L1(OFF)		ESW: * , * , * , * , * , * , * , 0*	ESR: * , 0*	0* , * , * , * , * , * , * , *	✓	✓	✓
		L1(ON)		ESW: * , * , * , * , * , * , * , 1*	ESR: * , 1*	1* , * , * , * , * , * , * , *	✓	✓	✓
		L2(OFF)		ESW: * , * , * , * , * , * , * , 0*	ESR: * , 0*	0* , * , * , * , * , * , * , *	✓	✓	✓
		L2(ON)		ESW: * , * , * , * , * , * , * , 1*	ESR: * , 1*	1* , * , * , * , * , * , * , *	✓	✓	✓
	SHUTTER SETTING-FADE IN	0.0s(OFF)		VXX: SEFS1=0. 0	QVX: SEFS1	SEFS1=0. 0	✓	✓	✓
		0.5s		VXX: SEFS1=0. 5		SEFS1=0. 5	✓	✓	✓
		1.0s		VXX: SEFS1=1. 0		SEFS1=1. 0	✓	✓	✓
1.5s			VXX: SEFS1=1. 5		SEFS1=1. 5	✓	✓	✓	
2.0s			VXX: SEFS1=2. 0		SEFS1=2. 0	✓	✓	✓	
2.5s			VXX: SEFS1=2. 5		SEFS1=2. 5	✓	✓	✓	
3.0s			VXX: SEFS1=3. 0		SEFS1=3. 0	✓	✓	✓	
3.5s			VXX: SEFS1=3. 5		SEFS1=3. 5	✓	✓	✓	
4.0s			VXX: SEFS1=4. 0		SEFS1=4. 0	✓	✓	✓	
5.0s			VXX: SEFS1=5. 0		SEFS1=5. 0	✓	✓	✓	
7.0s			VXX: SEFS1=7. 0		SEFS1=7. 0	✓	✓	✓	
10.0s		VXX: SEFS1=10. 0		SEFS1=10. 0	✓	✓	✓		
SHUTTER SETTING-FADE OUT	0.0s(OFF)		VXX: SEFS2=0. 0	QVX: SEFS2	SEFS2=0. 0	✓	✓	✓	
	0.5s		VXX: SEFS2=0. 5		SEFS2=0. 5	✓	✓	✓	
	1.0s		VXX: SEFS2=1. 0		SEFS2=1. 0	✓	✓	✓	
	1.5s		VXX: SEFS2=1. 5		SEFS2=1. 5	✓	✓	✓	
	2.0s		VXX: SEFS2=2. 0		SEFS2=2. 0	✓	✓	✓	
	2.5s		VXX: SEFS2=2. 5		SEFS2=2. 5	✓	✓	✓	
	3.0s		VXX: SEFS2=3. 0		SEFS2=3. 0	✓	✓	✓	
	3.5s		VXX: SEFS2=3. 5		SEFS2=3. 5	✓	✓	✓	
	4.0s		VXX: SEFS2=4. 0		SEFS2=4. 0	✓	✓	✓	
	5.0s		VXX: SEFS2=5. 0		SEFS2=5. 0	✓	✓	✓	
	7.0s		VXX: SEFS2=7. 0		SEFS2=7. 0	✓	✓	✓	
10.0s		VXX: SEFS2=10. 0		SEFS2=10. 0	✓	✓	✓		
SHUTTER SETTING-STARTUP	OPEN		VXX: SEFI 3=+00000	QVX: SEFI 3	SEFI 3=+00000	✓	✓	✓	
	CLOSE		VXX: SEFI 3=+00001		SEFI 3=+00001	✓	✓	✓	



CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL		QUERY		MZ770 SERIES		MZ670 SERIES		
				COMMANDS	COMMANDS	CALL BACK	MZ770 SMZ77C	MW730 SMW73C	MZ670 MZ570 SMZ66C	MW630 MW530		
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: PTM1 1=+00000	QVX: PTM1	PTM1 1=+00000		✓	✓	✓	✓
		COUNT UP			VXX: PTM1 1=+00001		PTM1 1=+00001		✓	✓	✓	✓
	P-TIMER-COUNT DOWN TIMER	1 MIN.			VXX: PTM2 2=+00001	QVX: PTM2	PTM2 2=+00001		✓	✓	✓	✓
		180 MIN.			VXX: PTM2 2=+00180		PTM2 2=+00180		✓	✓	✓	✓
	P-TIMER-RESET	RESET			VXX: PTM3 3=+00000				✓	✓	✓	✓
	P-TIMER-EXIT	EXIT			VXX: PTM4 4=+00000				✓	✓	✓	✓
	STATUS				STS				✓	✓	✓	✓
	PROJECTOR ID	0(ALL)			RI S: 00				✓	✓	✓	✓
		64			RI S: 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		✓	✓	✓	✓	
	REAR/AUTO			OIL: 5		5		✓	✓	✓	✓	
PROJECTION METHOD(AUTO)	FRONT/DESK				QVX: PJM1 2	PJM1 2=+00000		✓	✓	✓	✓	
	REAR/DESK					PJM1 2=+00001		✓	✓	✓	✓	
	FRONT/CEILING					PJM1 2=+00002		✓	✓	✓	✓	
	REAR/CEILING					PJM1 2=+00003		✓	✓	✓	✓	
AUTO COOLING CONDITION-STATUS	FLOOR				QVX: ADRI 1	ADRI 1=+00000		✓	✓	✓	✓	
	CEILING					ADRI 1=+00001		✓	✓	✓	✓	
	VERTICAL UP					ADRI 1=+00002		✓	✓	✓	✓	
	VERTICAL DOWN					ADRI 1=+00003		✓	✓	✓	✓	
PORTRAIT						ADRI 1=+00004		✓	✓	✓	✓	
								✓	✓	✓	✓	
LIGHT POWER	NORMAL			VXX: LPW1 1=+00000	QLP	LPW1 1=+00000		✓	✓	✓	✓	
	ECO			VXX: LPW1 1=+00001		LPW1 1=+00001		✓	✓	✓	✓	
	QUIET			VXX: LPW1 1=+00040		LPW1 1=+00040		✓	✓	✓	✓	
LIGHT OUTPUT	min.			VXX: LOPI 2=+00100	QVX: LOPI 2	LOPI 2=+00100		✓	✓	✓	✓	
	max.			VXX: LOPI 2=+01000		LOPI 2=+01000		✓	✓	✓	✓	
ECO MANAGEMENT-AMBIENT LIGHT DETECTION	OFF			VXX: ECOI 1=+00000	QVX: ECOI 1	ECOI 1=+00000		✓	✓	✓	✓	
	ON			VXX: ECOI 1=+00001		ECOI 1=+00001		✓	✓	✓	✓	
ECO MANAGEMENT-SIGNAL DETECTION	OFF			VXX: ECOI 2=+00000	QVX: ECOI 2	ECOI 2=+00000		✓	✓	✓	✓	
	ON			VXX: ECOI 2=+00001		ECOI 2=+00001		✓	✓	✓	✓	
POWER MANAGEMENT	OFF			VXX: ECOI 5=+00000	QVX: ECOI 5	ECOI 5=+00000		✓	✓	✓	✓	
	READY			VXX: ECOI 5=+00001		ECOI 5=+00001		✓	✓	✓	✓	
	SHUTDOWN			VXX: ECOI 5=+00002		ECOI 5=+00002		✓	✓	✓	✓	
POWER MANAGEMENT-TIMER	5 MIN			VXX: ECOI 6=+00005	QVX: ECOI 6	ECOI 6=+00005		✓	✓	✓	✓	
	120 MIN			VXX: ECOI 6=+00120		ECOI 6=+00120		✓	✓	✓	✓	
STANDBY MODE	NORMAL			VXX: STMI 0=+00000	QVX: STMI 0	STMI 0=+00000		✓	✓	✓	✓	
	ECO			VXX: STMI 0=+00003		STMI 0=+00003		✓	✓	✓	✓	
QUICK STARTUP	OFF			VXX: QSUI 1=+00000	QVX: QSUI 1	QSUI 1=+00000		✓	✓	✓	✓	
	ON			VXX: QSUI 1=+00001		QSUI 1=+00001		✓	✓	✓	✓	
QUICK STARTUP-VALID PERIOD	30MIN.			VXX: QSUI 2=+00030	QVX: QSUI 2	QSUI 2=+00030		✓	✓	✓	✓	
	60MIN.			VXX: QSUI 2=+00060		QSUI 2=+00060		✓	✓	✓	✓	
	90MIN.			VXX: QSUI 2=+00090		QSUI 2=+00090		✓	✓	✓	✓	
SCHEDULE	OFF			VXX: SCHI 0=+00000	QVX: SCHI 0	SCHI 0=+00000		✓	✓	✓	✓	
	ON			VXX: SCHI 0=+00001		SCHI 0=+00001		✓	✓	✓	✓	
SCHEDULE-PROGRAM ASSIGN	OFF			VXX: SPGI *+=+00000	QVX: SPGI *	SPGI *+=+00000		✓	✓	✓	✓	
	PROGRAM1			VXX: SPGI *+=+00001		SPGI *+=+00001		✓	✓	✓	✓	
	PROGRAM2			VXX: SPGI *+=+00002		SPGI *+=+00002		✓	✓	✓	✓	
	PROGRAM3			VXX: SPGI *+=+00003		SPGI *+=+00003		✓	✓	✓	✓	
	PROGRAM4			VXX: SPGI *+=+00004		SPGI *+=+00004		✓	✓	✓	✓	
	PROGRAM5			VXX: SPGI *+=+00005		SPGI *+=+00005		✓	✓	✓	✓	
	PROGRAM6			VXX: SPGI *+=+00006		SPGI *+=+00006		✓	✓	✓	✓	
	PROGRAM7			VXX: SPGI *+=+00007		SPGI *+=+00007		✓	✓	✓	✓	
		SUN			VXX: SPGI 0+=+0000*	QVX: SPGI 0	SPGI 0+=+0000*		✓	✓	✓	✓
		MON			VXX: SPGI 1+=+0000*	QVX: SPGI 1	SPGI 1+=+0000*		✓	✓	✓	✓
		TUE			VXX: SPGI 2+=+0000*	QVX: SPGI 2	SPGI 2+=+0000*		✓	✓	✓	✓
		WED			VXX: SPGI 3+=+0000*	QVX: SPGI 3	SPGI 3+=+0000*		✓	✓	✓	✓
		THU			VXX: SPGI 4+=+0000*	QVX: SPGI 4	SPGI 4+=+0000*		✓	✓	✓	✓
		FRI			VXX: SPGI 5+=+0000*	QVX: SPGI 5	SPGI 5+=+0000*		✓	✓	✓	✓
	SAT			VXX: SPGI 6+=+0000*	QVX: SPGI 6	SPGI 6+=+0000*		✓	✓	✓	✓	
SCHEDULE-COMMAND SETTING	COMMAND Del			VXX: SCCS*+=+00****	QVX: SCCS*+=+**	SCCS*+=+00****		✓	✓	✓	✓	
	STANDBY			VXX: SCCS*+=+10****		SCCS*+=+10****		✓	✓	✓	✓	
	POWER ON			VXX: SCCS*+=+11****		SCCS*+=+11****		✓	✓	✓	✓	
	SHUTTER OPEN			VXX: SCCS*+=+20****		SCCS*+=+20****		✓	✓	✓	✓	
	SHUTTER CLOSE			VXX: SCCS*+=+21****		SCCS*+=+21****		✓	✓	✓	✓	
	RGB1 INPUT			VXX: SCCS*+=+31****		SCCS*+=+31****		✓	✓	✓	✓	
	RGB2 INPUT			VXX: SCCS*+=+32****		SCCS*+=+32****		✓	✓	✓	✓	
	VIDEO INPUT			VXX: SCCS*+=+41****		SCCS*+=+41****		✓	✓	✓	✓	
	HDMI1 INPUT			VXX: SCCS*+=+53****		SCCS*+=+53****		✓	✓	✓	✓	
	HDMI2 INPUT			VXX: SCCS*+=+54****		SCCS*+=+54****		✓	✓	✓	✓	
	MEMORY VIEWER			VXX: SCCS*+=+5A****		SCCS*+=+5A****		✓	✓	✓	✓	
	PANASONIC APPLICATION			VXX: SCCS*+=+5B****		SCCS*+=+5B****		✓	✓	✓	✓	
	MIRRORING			VXX: SCCS*+=+5C****		SCCS*+=+5C****		✓	✓	✓	✓	
	NORMAL			VXX: SCCS*+=+70****		SCCS*+=+70****		✓	✓	✓	✓	
	ECO			VXX: SCCS*+=+71****		SCCS*+=+71****		✓	✓	✓	✓	
	SILENT			VXX: SCCS*+=+78****		SCCS*+=+78****		✓	✓	✓	✓	
	DIGITAL LINK			VXX: SCCS*+=+B0****		SCCS*+=+B0****		✓	✓	✓	✓	
	INPUT 1			VXX: SCCS*+=+B1****		SCCS*+=+B1****		✓	✓	✓	✓	
	INPUT 2			VXX: SCCS*+=+B2****		SCCS*+=+B2****		✓	✓	✓	✓	
	INPUT 3			VXX: SCCS*+=+B3****		SCCS*+=+B3****		✓	✓	✓	✓	
	INPUT 4			VXX: SCCS*+=+B4****		SCCS*+=+B4****		✓	✓	✓	✓	
	INPUT 5			VXX: SCCS*+=+B5****		SCCS*+=+B5****		✓	✓	✓	✓	
	INPUT 6			VXX: SCCS*+=+B6****		SCCS*+=+B6****		✓	✓	✓	✓	
	INPUT 7			VXX: SCCS*+=+B7****		SCCS*+=+B7****		✓	✓	✓	✓	
	INPUT 8			VXX: SCCS*+=+B8****		SCCS*+=+B8****		✓	✓	✓	✓	
	INPUT 9			VXX: SCCS*+=+B9****		SCCS*+=+B9****		✓	✓	✓	✓	
	INPUT 10			VXX: SCCS*+=+BA****		SCCS*+=+BA****		✓	✓	✓	✓	
	AUDIO IN STANDBY OFF			VXX: SCCS*+=+A0****		SCCS*+=+A0****		✓	✓	✓	✓	
	AUDIO IN STANDBY ON			VXX: SCCS*+=+A1****		SCCS*+=+A1****		✓	✓	✓	✓	
	QUICK STARTUP OFF			VXX: SCCS*+=+A2****		SCCS*+=+A2****		✓	✓	✓	✓	
	QUICK STARTUP ON			VXX: SCCS*+=+A3****		SCCS*+=+A3****		✓	✓	✓	✓	
	AUDIO VOLUME	0			VXX: SCCS*+=+C0****		SCCS*+=+C0****		✓	✓	✓	✓
		63			VXX: SCCS*+=+FF****		SCCS*+=+FF****		✓	✓	✓	✓
		PROGRAM1			VXX: SCCS1=*****	QVX: SCCS1=**	SCCS1=*****		✓	✓	✓	✓
		PROGRAM2			VXX: SCCS2=*****	QVX: SCCS2=**	SCCS2=*****		✓	✓	✓	✓
		PROGRAM3			VXX: SCCS3=*****	QVX: SCCS3=**	SCCS3=*****		✓	✓	✓	✓
		PROGRAM4			VXX: SCCS4=*****	QVX: SCCS4=**	SCCS4=*****		✓	✓	✓	✓
		PROGRAM5			VXX: SCCS5=*****	QVX: SCCS5=**	SCCS5=*****		✓	✓	✓	✓
		PROGRAM6			VXX: SCCS6=*****	QVX: SCCS6=**	SCCS6=*****		✓	✓	✓	✓
		PROGRAM7			VXX: SCCS7=*****	QVX: SCCS7=**	SCCS7=*****		✓	✓	✓	✓
		COMMAND 1			VXX: SCCS*+=+01****	QVX: SCCS*+=+01	SCCS*+=+01****		✓	✓	✓	✓
		COMMAND 16			VXX: SCCS*+=+16****	QVX: SCCS*+=+16	SCCS*+=+16****		✓	✓	✓	✓
		00:00			VXX: SCCS*+=+0000		SCCS*+=+0000		✓	✓	✓	✓
		23:59			VXX: SCCS*+=+2359		SCCS*+=+2359		✓	✓	✓	✓
	STARTUP INPUT SELECT	RGB1			VXX: SISI1=RG1	QVX: SISI1	SISI1=RG1		✓	✓	✓	✓
		RGB2			VXX: SISI1=RG2		SISI1=RG2		✓	✓	✓	✓
		VIDEO			VXX: SISI1=VI D		SISI1=VI D		✓	✓	✓	✓
HDMI1				VXX: SISI1=HD1		SISI1=HD1		✓	✓	✓	✓	
HDMI2				VXX: SISI1=HD2		SISI1=HD2		✓	✓	✓	✓	
DIGITAL LINK				VXX: SISI1=DL1		SISI1=DL1		✓	✓	✓	✓	
MEMORY VIEWER				VXX: SISI1=MV1		SISI1=MV1		✓	✓	✓	✓	
PANASONIC APPLICATION				VXX: SISI1=PA1		SISI1=PA1		✓	✓	✓	✓	
MIRRORING				VXX: SISI1=MC1		SISI1=MC1		✓	✓	✓	✓	
LAST USED				VXX: SISI1=LSU		SISI1=LSU		✓	✓			



CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL	QUERY	MZ770 SERIES		MZ670 SERIES		
				COMMANDS	COMMANDS	CALL BACK	MZ770 SMZ77C	MW730 SMW73C	MZ670 MZ570 SMZ66C	MW630 MW530
PROJECTOR SETUP	REMOTE2 - MODE	DEFAULT USER F/FW SERIES		VXX: RMPI 0=+00000 VXX: RMPI 0=+00001 VXX: RMPI 0=+00003	QVX: RMPI 0	RMPI 0=+00000 RMPI 0=+00001 RMPI 0=+00003	✓	✓	✓	✓
	REMOTE2 - PIN2	NONE POWER		VXX: RMPS1=P2<NONE VXX: RMPS1=P2<POWER	QVX: RMPS1=P2	RMPS1=P2<NONE RMPS1=P2<POWER	✓	✓	✓	✓
	REMOTE2 - PIN3 - 7	* PARAMETER		VXX: RMPS1=P* VXX: RMPS1=P3<***** VXX: RMPS1=P4<***** VXX: RMPS1=P5<***** VXX: RMPS1=P6<***** VXX: RMPS1=P7<*****	QVX: RMPS1=P*	RMPS1=P* RMPS1=P3<***** RMPS1=P4<***** RMPS1=P5<***** RMPS1=P6<***** RMPS1=P7<*****	✓	✓	✓	✓
		* PARAMETER1	PIN3 PIN4 PIN5 PIN6 PIN7	VXX: RMPS1=P* VXX: RMPS1=P* VXX: RMPS1=P* VXX: RMPS1=P* VXX: RMPS1=P*		RMPS1=P* RMPS1=P* RMPS1=P* RMPS1=P* RMPS1=P*	✓	✓	✓	✓
		* PARAMETER2	NONE RGB1 RGB2 VIDEO HDMI HDMI1 HDMI2 DIGITAL LINK MEMORY VIEWER Panasonic APPLICATION MIRRORING	VXX: RMPS1=P* VXX: RMPS1=P* VXX: RMPS1=P* VXX: RMPS1=P* VXX: RMPS1=P* VXX: RMPS1=P* VXX: RMPS1=P* VXX: RMPS1=P* VXX: RMPS1=P* VXX: RMPS1=P* VXX: RMPS1=P* VXX: RMPS1=P*		RMPS1=P* RMPS1=P* RMPS1=P* RMPS1=P* RMPS1=P* RMPS1=P* RMPS1=P* RMPS1=P* RMPS1=P* RMPS1=P* RMPS1=P* RMPS1=P*	✓	✓	✓	✓
	REMOTE2 - PIN8	NONE SHUTTER		VXX: RMPS1=P8<NONE VXX: RMPS1=P8<SHUTTER	QVX: RMPS1=P8	RMPS1=P8<NONE RMPS1=P8<SHUTTER	✓	✓	✓	✓
	FUNCTION BUTTON	DISABLE SYSTEM SELECTOR SYSTEM DAYLIGHT VIEW SUB MEMORY		OFC: 0 OFC: 1 OFC: 2 OFC: 3	QFC	0 1 2 3	✓	✓	✓	✓
	DATE AND TIME-DATE SETTING	Year: yyyy Month: mm Date: dd Day:w(1~7:Mon~Sun)		TSD: 201506151 TSD: <i>yyyymmddw</i>	QGD	201506161 <i>yyyymmddw</i>	✓	✓	✓	✓
	DATE AND TIME-TIME SETTING	Hour: hh Minute: mm Second: ss		TST: 154503 TST: <i>hhmmss</i>	QGT	154503 <i>hhmmss</i>	✓	✓	✓	✓
	DATE AND TIME-NTP SYNCHRONIZATION	OFF ON		VXX: NTPI 0=+00000 VXX: NTPI 0=+00001	QVX: NTPI 0	NTPI 0=+00000 NTPI 0=+00001	✓	✓	✓	✓
	LENS CALIBRATION	EXECUTE (ALL)		VXX: LNSI 0=+00001			✓	✓	✓	✓
	INITIALIZE-ALL USER DATA	USER INITIALIZE USER RESTORE		VXX: RSTS1=0 <i>password</i> VXX: RSTS1=1 <i>password</i>			✓	✓	✓	✓
	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/WZ6k 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-BALANCE	-16 16		ABL: - 16 ABL: 016	QBL	- 16 16	✓	✓	✓	✓
	AUDIO SETTING-IN STANDBY MODE	OFF ON		VXX: ASBI 0=+00000 VXX: ASBI 0=+00001	QVX: ASBI 0	ASBI 0=+00000 ASBI 0=+00001	✓	✓	✓	✓
	AUDIO SETTING-IN SHUTTER MODE	OFF ON		VXX: ASHI 1=+00000 VXX: ASHI 1=+00001	QVX: ASHI 1	ASHI 1=+00000 ASHI 1=+00001	✓	✓	✓	✓
	AUDIO SETTING-AUDIO IN SELECT-COMPUTER1	AUDIO IN 1 AUDIO IN 2 AUDIO IN 3		VXX: AINI 0=+00000 VXX: AINI 0=+00001 VXX: AINI 0=+00002	QVX: AINI 0	AINI 0=+00000 AINI 0=+00001 AINI 0=+00002	✓	✓	✓	✓
	AUDIO SETTING-AUDIO IN SELECT-COMPUTER2	AUDIO IN 1 AUDIO IN 2 AUDIO IN 3		VXX: AINI 1=+00000 VXX: AINI 1=+00001 VXX: AINI 1=+00002	QVX: AINI 1	AINI 1=+00000 AINI 1=+00001 AINI 1=+00002	✓	✓	✓	✓
	AUDIO SETTING-AUDIO IN SELECT-HDMI1	HDMI1 AUDIO IN AUDIO IN 1 AUDIO IN 2 AUDIO IN 3		VXX: AINI 3=+00003 VXX: AINI 3=+00000 VXX: AINI 3=+00001 VXX: AINI 3=+00002	QVX: AINI 3	AINI 3=+00003 AINI 3=+00000 AINI 3=+00001 AINI 3=+00002	✓	✓	✓	✓
	AUDIO SETTING-AUDIO IN SELECT-VIDEO	AUDIO IN 1 AUDIO IN 2 AUDIO IN 3		VXX: AINI 4=+00000 VXX: AINI 4=+00001 VXX: AINI 4=+00002	QVX: AINI 4	AINI 4=+00000 AINI 4=+00001 AINI 4=+00002	✓	✓	✓	✓
	AUDIO SETTING-AUDIO IN SELECT-NETWORK	NETWORK/USB AUDIO IN AUDIO IN 1 AUDIO IN 2 AUDIO IN 3		VXX: AINI 6=+00004 VXX: AINI 6=+00000 VXX: AINI 6=+00001 VXX: AINI 6=+00002	QVX: AINI 6	AINI 6=+00004 AINI 6=+00000 AINI 6=+00001 AINI 6=+00002	✓	✓	✓	✓
	AUDIO SETTING-AUDIO IN SELECT-HDMI2	HDMI2 AUDIO IN AUDIO IN 1 AUDIO IN 2 AUDIO IN 3		VXX: AINI 7=+00003 VXX: AINI 7=+00000 VXX: AINI 7=+00001 VXX: AINI 7=+00002	QVX: AINI 7	AINI 7=+00003 AINI 7=+00000 AINI 7=+00001 AINI 7=+00002	✓	✓	✓	✓
	AUDIO SETTING-AUDIO IN SELECT-DIGITAL LINK	DIGITAL LINK AUDIO IN AUDIO IN 1 AUDIO IN 2 AUDIO IN 3		VXX: AINI 8=+00005 VXX: AINI 8=+00000 VXX: AINI 8=+00001 VXX: AINI 8=+00002	QVX: AINI 8	AINI 8=+00005 AINI 8=+00000 AINI 8=+00001 AINI 8=+00002	✓	✓	✓	✓
	FILTER COUNTER-TIMER	OFF 1000H 2000H 3000H 4000H 5000H 6000H 7000H 8000H 9000H 10000H 11000H 12000H 13000H 14000H 15000H 15000H 15000H 15000H 15000H 16000H		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 VXX: FCTI 1=+08000 VXX: FCTI 1=+09000 VXX: FCTI 1=+10000 VXX: FCTI 1=+11000 VXX: FCTI 1=+12000 VXX: FCTI 1=+13000 VXX: FCTI 1=+14000 VXX: FCTI 1=+15000 VXX: FCTI 1=+16000 VXX: FCTI 1=+17000 VXX: FCTI 1=+18000 VXX: FCTI 1=+19000 VXX: FCTI 1=+20000	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 FCTI 1=+08000 FCTI 1=+09000 FCTI 1=+10000 FCTI 1=+11000 FCTI 1=+12000 FCTI 1=+13000 FCTI 1=+14000 FCTI 1=+15000 FCTI 1=+16000 FCTI 1=+17000 FCTI 1=+18000 FCTI 1=+19000 FCTI 1=+20000	✓	✓	✓	✓
	FILTER COUNTER-RESET			VXX: FCTI 2=+00000			✓	✓	✓	✓
	MODEL NAME	MODEL NAME			QID	MODELNAME	✓	✓	✓	✓
	SERIAL NUMBER	SW0101234			QSN	SW0101234	✓	✓	✓	✓
	PROJECTOR RUNTIME	7864320H			QVX: RTMS1	RTMS1=7864320	✓	✓	✓	✓
	LAMP1(LIGHT1) RUNTIME	9999H			QSL: 1	9999	✓	✓	✓	✓
	LIGHT1 RUNTIME	7864320H			QVX: LRTS3=00	LRTS3=00: 7864320	✓	✓	✓	✓
	LIGHT STATUS	ALL OFF 1:ON, 2:OFF			QLS	0 1	✓	✓	✓	✓
	AIR FILTER MODEL NUMBER	FILTER MODELNAME			QVX: FMNS0	FMNS0=FILTERMODELNO	✓	✓	✓	✓
	AIR FILTER TYPE	NORMAL SPECIAL		MFS: 3 MFS: 4	QFI: 2	0 1	✓	✓	✓	✓
	FILTER COUNTER	99999H			QFI: 0	99999	✓	✓	✓	✓
	MAC ADDRESS	AB0102030405			QMA	AB0102030405	✓	✓	✓	✓
	MAIN FIRMWARE VERSION	V1.00.01			QVX: SVRS0	SVRS0=1. 00. 01	✓	✓	✓	✓
	NETWORK FIRMWARE VERSION	V1.00			QVX: SVRS1	SVRS1=1. 00	✓	✓	✓	✓
	SUB FIRMWARE VERSION	V1.00.01			QVX: SVRS2	SVRS2=1. 00. 01	✓	✓	✓	✓
	INPUT SIGNAL NAME	CHANNEL1 (MAIN CH)			QVX: NSGS1	NSGS1=***** .....	✓	✓	✓	✓
	DC OUT	OFF ON		VXX: DCOI 1=+00000 VXX: DCOI 1=+00001	QVX: DCOI 1	DCOI 1=+00000 DCOI 1=+00001	✓	✓	✓	✓
	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	✓	✓	✓	✓
TEMPERATURE (LIGHT1 / LIGHT1-1)	0030/0080			QTM: 11	0030/0080	✓	✓	✓	✓	

CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	CONTROL	QUERY		MZ770 SERIES		MZ670 SERIES			
				COMMANDS	COMMANDS	CALL BACK	MZ770 SMZ77C	MW730 SMW73C	MZ670 MZ570 SMZ66C	MW630 MW530		
	TEMPERATURE (LIGHT2 / LIGHT1-LightID MODE)	0030/0080			QTM: 12	0030/0080		✓	✓	✓	✓	
		OFF		LID: MOD0	QLI: MOD	QLI: MOD0		✓	✓	✓	✓	
		EXTERNAL CONTROL		LID: MOD1		QLI: MOD1		✓	✓	✓	✓	
		INTERNAL ID		LID: MOD2		QLI: MOD2		✓	✓	✓	✓	
	LAN data Cloning Write protect	OFF		LCL: WRP0	QCL: WRP	QCL: WRP0		✓	✓	✓	✓	
		ON		LCL: WRP1		QCL: WRP1		✓	✓	✓	✓	
TEST PATTERN	TEST PATTERN	Off		OTS: 00	QTS	00		✓	✓	✓	✓	
		White		OTS: 01		01		✓	✓	✓	✓	
		Black		OTS: 02		02		✓	✓	✓	✓	
		Window		OTS: 05		05		✓	✓	✓	✓	
		Reversed Window		OTS: 06		06		✓	✓	✓	✓	
		Cross Hatch		OTS: 07		07		✓	✓	✓	✓	
		Color Bar V		OTS: 08		08		✓	✓	✓	✓	
		Convergence		OTS: 11		11		✓	✓	✓	✓	
		Color Bar Side		OTS: 51		51		✓	✓	✓	✓	
		16:9/4:3		OTS: 59		59		✓	✓	✓	✓	
SIGNAL LIST	SIGNAL LIST-REGISTRATION	Gradation 3		OTS: 62		62		✓	✓	✓	✓	
		Gradation 4		OTS: 63		63		✓	✓	✓	✓	
				OEM				✓	✓	✓	✓	
		SIGNAL LIST-DELETE						✓	✓	✓	✓	
		A1		ODM: A1				✓	✓	✓	✓	
		A2		ODM: A2				✓	✓	✓	✓	
		A7		ODM: A7				✓	✓	✓	✓	
		A8		ODM: A8				✓	✓	✓	✓	
		L1		ODM: L1				✓	✓	✓	✓	
		L2		ODM: L2				✓	✓	✓	✓	
SIGNAL LIST	SUB MEMORY LIST-CHANGEVER	L7		ODM: L7			✓	✓	✓	✓		
		L8		ODM: L8			✓	✓	✓	✓		
		01		OCS: 01				✓	✓	✓	✓	
		96		OCS: 96				✓	✓	✓	✓	
		01		OCS: 01-01				✓	✓	✓	✓	
		96		OCS: 95-96				✓	✓	✓	✓	
		SUB MEMORY LIST-REGISTRATION		OES				✓	✓	✓	✓	
		SUB MEMORY LIST-DELETE						✓	✓	✓	✓	
		01		ODS: 01-01				✓	✓	✓	✓	
		96		ODS: 95-96				✓	✓	✓	✓	
SECURITY	SECURITY SETTING	01			QSB	01		✓	✓	✓	✓	
		96				96		✓	✓	✓	✓	
NETWORK	WIRELESS LAN	OFF		ONS: 0	QVX: SPWI 1	SPWI 1=+00000		✓	✓	✓	✓	
		USER1		ONS: 5		SPWI 1=+00001		✓	✓	✓	✓	
		M-DIRECT		ONS: 12		WLSI 1=+00005		✓	✓	✓	✓	
		SIMPLE		ONS: 13		WLSI 1=+00012		✓	✓	✓	✓	
						WLSI 1=+00013		✓	✓	✓	✓	
		DIGITAL LINK MODE	AUTO		VXX: DKMI 1=+00001	QVX: DKMI 1	DKMI 1=+00001		✓	✓	✓	✓
			DIGITAL LINK		VXX: DKMI 1=+00002		DKMI 1=+00002		✓	✓	✓	✓
			ETHERNET		VXX: DKMI 1=+00003		DKMI 1=+00003		✓	✓	✓	✓
			LONG REACH MODE		VXX: DKMI 1=+00004		DKMI 1=+00004		✓	✓	✓	✓
		DIGITAL LINK-DUPLEX(Ethernet)	Auto negotiation		VXX: DKDI 1=+00000	QVX: DKDI 1	DKDI 1=+00000		✓	✓	✓	✓
100BaseTX-Full			VXX: DKDI 1=+00001		DKDI 1=+00001		✓	✓	✓	✓		
100BaseTX-Half			VXX: DKDI 1=+00002		DKDI 1=+00002		✓	✓	✓	✓		
							✓	✓	✓	✓		
DIGITAL LINK-DUPLEX(DIGITAL LINK)	Auto negotiation		VXX: DKDI 2=+00000	QVX: DKDI 2	DKDI 2=+00000		✓	✓	✓	✓		
	100BaseTX-Full		VXX: DKDI 2=+00001		DKDI 2=+00001		✓	✓	✓	✓		
	100BaseTX-Half		VXX: DKDI 2=+00002		DKDI 2=+00002		✓	✓	✓	✓		
							✓	✓	✓	✓		
DIGITAL LINK STATUS-LINK	NO LINK			QVX: DKSI 1	DKSI 1=+00000		✓	✓	✓	✓		
	DIGITAL LINK				DKSI 1=+00001		✓	✓	✓	✓		
	LPM				DKSI 1=+00002		✓	✓	✓	✓		
	ETHERNET				DKSI 1=+00003		✓	✓	✓	✓		
DIGITAL LINK STATUS-HDCP STATUS	NO SIGNAL			QVX: DKSI 2	DKSI 2=+00000		✓	✓	✓	✓		
	OFF				DKSI 2=+00001		✓	✓	✓	✓		
	ON				DKSI 2=+00002		✓	✓	✓	✓		
DIGITAL LINK STATUS-SIGNAL QUALITY (MIN)	-255			QVX: DKSI 3	DKSI 3= 00255		✓	✓	✓	✓		
	0				DKSI 3=+00000		✓	✓	✓	✓		
DIGITAL LINK STATUS-SIGNAL QUALITY (MAX)	-255			QVX: DKSI 4	DKSI 4= 00255		✓	✓	✓	✓		
	0				DKSI 4=+00000		✓	✓	✓	✓		
MEMORY VIEWER	DIGITAL LINK INPUT CH LIST	HD1:HDMI1,HD2:HDMI2...			QVX: DLIS1	DLIS1=HD1: HDMI 1, ****: ***		✓	✓	✓	✓	
		PROJECTOR NAME SETTING	PROJECTOR1	VXX: NCGS8=PROJECTOR1	QVX: NCGS8	NCGS8=PROJECTOR1		✓	✓	✓	✓	
		VIEW	THUMBNAIL	VXX: MEMI 1=+00000	QVX: MEMI 1	MEMI 1=+00000		✓	✓	✓	✓	
			LIST	VXX: MEMI 1=+00001		MEMI 1=+00001		✓	✓	✓	✓	
		SORT	NAME		VXX: MEMI 2=+00000	QVX: MEMI 2	MEMI 2=+00000		✓	✓	✓	✓
			TYPE		VXX: MEMI 2=+00001		MEMI 2=+00001		✓	✓	✓	✓
			TIME		VXX: MEMI 2=+00002		MEMI 2=+00002		✓	✓	✓	✓
		AUTOPLAY	OFF		VXX: MEMI 3=+00000	QVX: MEMI 3	MEMI 3=+00000		✓	✓	✓	✓
			ON		VXX: MEMI 3=+00001		MEMI 3=+00001		✓	✓	✓	✓
			SCENARIO		VXX: MEMI 3=+00100		MEMI 3=+00100		✓	✓	✓	✓
INTERVAL	5s		VXX: MEMI 4=+00005	QVX: MEMI 4	MEMI 4=+00005		✓	✓	✓	✓		
	10s		VXX: MEMI 4=+00010		MEMI 4=+00010		✓	✓	✓	✓		
	15s		VXX: MEMI 4=+00015		MEMI 4=+00015		✓	✓	✓	✓		
	30s		VXX: MEMI 4=+00030		MEMI 4=+00030		✓	✓	✓	✓		
	60s		VXX: MEMI 4=+00060		MEMI 4=+00060		✓	✓	✓	✓		
	120s		VXX: MEMI 4=+00120		MEMI 4=+00120		✓	✓	✓	✓		
EFFECT	OFF		VXX: MEMI 5=+00000	QVX: MEMI 5	MEMI 5=+00000		✓	✓	✓	✓		
	RANDOM		VXX: MEMI 5=+00001		MEMI 5=+00001		✓	✓	✓	✓		
	WIPE LEFT		VXX: MEMI 5=+00002		MEMI 5=+00002		✓	✓	✓	✓		
	WIPE RIGHT		VXX: MEMI 5=+00003		MEMI 5=+00003		✓	✓	✓	✓		
	WIPE DOWN		VXX: MEMI 5=+00004		MEMI 5=+00004		✓	✓	✓	✓		
	SPRIT		VXX: MEMI 5=+00005		MEMI 5=+00005		✓	✓	✓	✓		
	ZOOM OUT		VXX: MEMI 5=+00006		MEMI 5=+00006		✓	✓	✓	✓		
	FADE		VXX: MEMI 5=+00007		MEMI 5=+00007		✓	✓	✓	✓		
	BLIND		VXX: MEMI 5=+00008		MEMI 5=+00008		✓	✓	✓	✓		
	CHECKER WIPE		VXX: MEMI 5=+00009		MEMI 5=+00009		✓	✓	✓	✓		
GUIDE	SLIDE IN		VXX: MEMI 5=+00010		MEMI 5=+00010		✓	✓	✓	✓		
	SLIDE OUT		VXX: MEMI 5=+00011		MEMI 5=+00011		✓	✓	✓	✓		
	OFF		VXX: MEMI 6=+00000	QVX: MEMI 6	MEMI 6=+00000		✓	✓	✓	✓		
	ON		VXX: MEMI 6=+00001		MEMI 6=+00001		✓	✓	✓	✓		

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