Control Commands

Model No. PT-MZ16KL
PT-MZ13KL
PT-MZ10KL

・Please refer to the Operating Instructions for the serial command format, limitations, connectionand 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

(2020-04)

CONTROL COMMANDS

2020/4/13

				CONTROL	QUERY		MZ10K SERIES
CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	COMMANDS/CALL BACK	COMMANDS	CALL BACK	MZ16K MZ13K MZ10K
BASIC OPERATION REMOTE CONTROL	POWER	ON		PON	QPW	001	✓
		OFF (STANDBY)		POF		000	✓
	INPUT SELECT	COMPUTER1		IIS:RG1	QIN	RG1	✓
		DVI		IIS:DVI		DVI	✓
		HDMI1		IIS:HD1		HD1	✓
		SDI1		IIS:SD1		SD1	✓
		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			✓
	ENTER KEY			OEN			✓
	UP KEY			OCU			✓
	DOWN KEY			OCD			✓
	LEFT KEY			OCL			✓
	RIGHT KEY			OCR			✓
	DEFAULT KEY			OST			✓
	AUTO SETUP KEY			OAS			✓
	SHUTTER	OFF		OSH:0	QSH	0	✓
		ON		OSH:1		1	✓
	SHUTTER(Toggle)	OFF		OSH	QSH	0	✓
		ON				1	✓
	FUNCTION KEY			FC1			✓
	SYSTEM SELCTOR KEY			OSL			✓
	ASPECT KEY			VS1			✓
	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:LNSI1=+00001			✓
	ACTIVE FOCUS OPTIMIZER-ACTIVE FOCUS	OFF		VXX:AFOI1=+00000	QVX:AFOI1	AFOI1=+00000	✓
		ON		VXX:AFOI1=+00001		AFOI1=+00001	✓
	LENS SHIFT-HORIZONTAL	SLOW+		VXX:LNSI2=+00000			✓
		SLOW-		VXX:LNSI2=+00001			✓
		NORMAL+		VXX:LNSI2=+00100			✓
		NORMAL-		VXX:LNSI2=+00101			✓
		FAST+		VXX:LNSI2=+00200			✓
		FAST-		VXX:LNSI2=+00201			✓
	LENS SHIFT-VERTICAL	SLOW+		VXX:LNSI3=+00000			✓
		SLOW-		VXX:LNSI3=+00001			✓
		NORMAL+		VXX:LNSI3=+00100			✓
		NORMAL-		VXX:LNSI3=+00101			✓
		FAST+		VXX:LNSI3=+00200			✓
		FAST-		VXX:LNSI3=+00201			✓
	LENS FOCUS	SLOW+		VXX:LNSI4=+00000			✓
		SLOW-		VXX:LNSI4=+00001			✓
		NORMAL+		VXX:LNSI4=+00100			✓
		NORMAL-		VXX:LNSI4=+00101			✓
		FAST+		VXX:LNSI4=+00200			✓
		FAST-		VXX:LNSI4=+00201			✓
	LENS ZOOM	SLOW+		VXX:LNSI5=+00000			✓
		SLOW-		VXX:LNSI5=+00001			✓
		NORMAL+		VXX:LNSI5=+00100			✓
		NORMAL-		VXX:LNSI5=+00101			✓
		FAST+		VXX:LNSI5=+00200			✓
		FAST-		VXX:LNSI5=+00201			✓
	LENS POSITION HORIZONTAL	-02480		VXX:LNSI7=-02480	QVX:LNSI7	LNSI7=-02480	✓
		+02480		VXX:LNSI7=+02480		LNSI7=+02480	✓
	LENS POSITION VERTICAL	-03200		VXX:LNSI8=-03200	QVX:LNSI8	LNSI8=-03200	✓
		+03200		VXX:LNSI8=+03200		LNSI8=+03200	✓
	LENS POSITION FOCUS	+00000		VXX:LNSI9=+00000	QVX:LNSI9	LNSI9=+00000	✓
		+02560		VXX:LNSI9=+02560		LNSI9=+02560	✓
	LENS POSITION H/V	-02480/-03200		VXX:LNSSB=-02480-03200	QVX:LNSSB	LNSSB=-02480-03200	✓
		+02480/+03200		VXX:LNSSB=+02480+03200		LNSSB=+02480+03200	✓
	LENS POSITION H/V FOCUS	-02480/-03200/+00000		VXX:LNSSC=-02480-03200+00000	QVX:LNSSC	LNSSC=-02480-03200+00000	✓
		+02480/+03200/+02560		VXX:LNSSC=+02480+03200+02560		LNSSC=+02480+03200+02560	✓
	STATUS KEY			STS			✓
	LENS FOCUS KEY			OLF			✓
	LENS SHIFT KEY			OLH			✓
	LENS ZOOM KEY			OLZ			✓
	DIGITAL LINK KEY			DLK			✓
	INPUT MENU KEY			IPT			✓
	SELF DIAGNOSIS				QVX:ERRS1	ERRS1=*****……	✓
					QVX:ERRS2	ERRS2=*****……	✓
	PICTURE MODE	DYNAMIC		VPM:DYN	QPM	DYN	✓
		NATURAL		VPM:NAT		NAT	✓
		STANDARD		VPM:STD		STD	✓
		CINEMA		VPM:CIN		CIN	✓
		GRAPHIC		VPM:GRA		GRA	✓
		DICOM SIM.		VPM:DIC		DIC	✓
		REC709		VPM:709		709	✓
	CONTRAST	+1		VCN:001	QVR	001	✓
		+63		VCN:063		063	✓
	BRIGHTNESS	+1		VBR:001	QVB	001	✓
		+63		VBR:063		063	✓
	COLOR	+1		VCO:001	QVC	001	✓
		+63		VCO:063		063	✓
	TINT	+1		VTN:001	QVT	001	✓
		+63		VTN:063		063	✓
	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 CLEAR USER1	*COLORTEMP1*		VXX:NCLI1=+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	✓

CONTROL COMMANDS

				CONTROL	QUERY		MZ10K SERIES
CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	COMMANDS/CALL BACK	COMMANDS	CALL BACK	MZ16K MZ13K MZ10K
PICTURE	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:GAMI1=-00008	QVX:GAMI1	GAMI1=-00008	✓
		+7		VXX:GAMI1=+00007		GAMI1=+00007	✓
	DAYLIGHT VIEW FRONT INSTALL	OFF		VXX:DLVI0=+00000	QVX:DLVI0	DLVI0=+00000	✓
		AUTO(1)		VXX:DLVI0=+00001		DLVI0=+00001	✓
		ON(2)		VXX:DLVI0=+00002		DLVI0=+00002	✓
		ON(3)		VXX:DLVI0=+00003		DLVI0=+00003	✓
		4		VXX:DLVI0=+00004		DLVI0=+00004	✓
		5		VXX:DLVI0=+00005		DLVI0=+00005	✓
		6		VXX:DLVI0=+00006		DLVI0=+00006	✓
	NOISE REDUCTION	OFF		VNS:0	QNS	0	✓
		1		VNS:1		1	✓
		2		VNS:2		2	✓
		3		VNS:3		3	✓
	DYNAMIC CONTRAST/IRIS	OFF		OAI:0	QAI	0	✓
		1		OAI:1		1	✓
		2		OAI:2		2	✓
		3		OAI:3		3	✓
		USER		OAI:4		4	✓
	DYNAMIC CONTRAST/AUTO IRIS (AUTO CONTRAST)	OFF		OAI:A000	QAI:A	000	✓
		1		OAI:A001		001	✓
		255		OAI:A255		255	✓
	DYNAMIC CONTRAST (BRIGHT SIGNAL LEVEL)	6%		VXX:DYCI1=+00006	QVX:DYCI1	00006	✓
		50%		VXX:DYCI1=+00050		00050	✓
	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:DYCI3=+00000	QVX:DYCI3	00000	✓
		5		VXX:DYCI3=+00005		00005	✓
	DYNAMIC CONTRAST (LIGHTS OUT FADE-IN)	0.0s(OFF)		VXX:DYCS4=0.0	QVX:DYCS4	DYCS4=0.0	✓
		0.5s		VXX:DYCS4=0.5		DYCS4=0.5	✓
		1.0s		VXX:DYCS4=1.0		DYCS4=1.0	✓
		1.5s		VXX:DYCS4=1.5		DYCS4=1.5	✓
		2.0s		VXX:DYCS4=2.0		DYCS4=2.0	✓
		2.5s		VXX:DYCS4=2.5		DYCS4=2.5	✓
		3.0s		VXX:DYCS4=3.0		DYCS4=3.0	✓
		3.5s		VXX:DYCS4=3.5		DYCS4=3.5	✓
		4.0s		VXX:DYCS4=4.0		DYCS4=4.0	✓
		5.0s		VXX:DYCS4=5.0		DYCS4=5.0	✓
		7.0s		VXX:DYCS4=7.0		DYCS4=7.0	✓
		10.0s		VXX:DYCS4=10.0		DYCS4=10.0	✓
	DYNAMIC CONTRAST (LIGHTS OUT FADE-OUT)	0.0s(OFF)		VXX:DYCS5=0.0	QVX:DYCS5	DYCS5=0.0	✓
		0.5s		VXX:DYCS5=0.5		DYCS5=0.5	✓
		1.0s		VXX:DYCS5=1.0		DYCS5=1.0	✓
		1.5s		VXX:DYCS5=1.5		DYCS5=1.5	✓
		2.0s		VXX:DYCS5=2.0		DYCS5=2.0	✓
		2.5s		VXX:DYCS5=2.5		DYCS5=2.5	✓
		3.0s		VXX:DYCS5=3.0		DYCS5=3.0	✓
		3.5s		VXX:DYCS5=3.5		DYCS5=3.5	✓
		4.0s		VXX:DYCS5=4.0		DYCS5=4.0	✓
		5.0s		VXX:DYCS5=5.0		DYCS5=5.0	✓
		7.0s		VXX:DYCS5=7.0		DYCS5=7.0	✓
		10.0s		VXX:DYCS5=10.0		DYCS5=10.0	✓
	DYNAMIC CONTRAST/MANUAL IRIS (MANUAL INTENSITY)	OFF		OAI:M000	QAI:M	000	✓
		1		OAI:M001		001	✓
		255		OAI:M255		255	✓
	DYNAMIC CONTRAST (DYNAMIC GAMMA)	OFF		OAI:D0	QAI:D	0	✓
		1		OAI:D1		1	✓
		2		OAI:D2		2	✓
		3		OAI:D3		3	✓
	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	✓
	DEFAULT PICTURE MODE	AUTO		VXX:DPMS1=AUT	QVX:DPMS1	DPMS1=AUT	✓
		STANDARD		VXX:DPMS1=STD		DPMS1=STD	✓
		DYNAMIC		VXX:DPMS1=DYN		DPMS1=DYN	✓
		NATURAL		VXX:DPMS1=NAT		DPMS1=NAT	✓
		CINEMA		VXX:DPMS1=CIN		DPMS1=CIN	✓
		GRAPHIC		VXX:DPMS1=GRA		DPMS1=GRA	✓
		DICOM SIM./DICOM		VXX:DPMS1=DIC		DPMS1=DIC	✓
		REC709		VXX:DPMS1=709		DPMS1=709	✓
	GEOMETRY	OFF		VXX:GMMI0=+00000	QVX:GMMI0	GMMI0=+00000	✓
		KEYSTONE		VXX:GMMI0=+00001		GMMI0=+00001	✓
		CURVED		VXX:GMMI0=+00002		GMMI0=+00002	✓
		PC-1		VXX:GMMI0=+00003		GMMI0=+00003	✓
		PC-2		VXX:GMMI0=+00004		GMMI0=+00004	✓
		PC-3		VXX:GMMI0=+00005		GMMI0=+00005	✓
		CORNER-CORRECTION		VXX:GMMI0=+00010		GMMI0=+00010	✓
	GEOMETRY-KEYSTONE-LENS THROW RATIO	0.7	0.1 step	VXX:GMKS0=+00.7	QVX:GMKS0	GMKS0=+00.7	✓
		16.5		VXX:GMKS0=+16.5		GMKS0=+16.5	✓
	GEOMETRY-KEYSTONE-VERTICAL BALANCE	-60		VXX:GMKI4=-00060	QVX:GMKI4	GMKI4=-00060	✓
		+60		VXX:GMKI4=+00060		GMKI4=+00060	✓
	GEOMETRY-KEYSTONE-HORIZONTAL BALANCE	-30		VXX:GMKI7=-00030	QVX:GMKI7	GMKI7=-00030	✓
		+30		VXX:GMKI7=+00030		GMKI7=+00030	✓
	GEOMETRY-KEYSTONE-VERTICAL KEYSTONE	-40.0 (-45.0)*	0.2 step	VXX:GMKS8=-40.0	QVX:GMKS8	GMKS8=-40.0	✓
		+40.0 (+45.0)*		VXX:GMKS8=+40.0		GMKS8=+40.0	✓
	GEOMETRY-KEYSTONE-HORIZONTAL KEYSTONE	-15.0 (-40.0)*	0.2 step	VXX:GMKS9=-15.0	QVX:GMKS9	GMKS9=-15.0	✓
		+15.0 (+40.0)*		VXX:GMKS9=+15.0		GMKS9=+15.0	✓
	GEOMETRY-CURVED-LENS THROW RATIO	0.7	0.1 step	VXX:GMCS0=+00.7	QVX:GMCS0	GMCS0=+00.7	✓
		16.5		VXX:GMCS0=+16.5		GMCS0=+16.5	✓
	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-CURVED-VERTICAL BALANCE	-60		VXX:GMCI2=-00060	QVX:GMCI2	GMCI2=-00060	✓
		+60		VXX:GMCI2=+00060		GMCI2=+00060	✓
	GEOMETRY-CURVED-HORIZONTAL BALANCE	-30		VXX:GMCI6=-00030	QVX:GMCI6	GMCI6=-00030	✓
		+30		VXX:GMCI6=+00030		GMCI6=+00030	✓
	GEOMETRY-CURVED-VERTICAL KEYSTONE	-40.0 (-45.0)*	0.2 step	VXX:GMCS8=-40.0	QVX:GMCS8	GMCS8=-40.0	✓
		+40.0 (+45.0)*		VXX:GMCS8=+40.0		GMCS8=+40.0	✓
	GEOMETRY-CURVED-	-15.0 (-40.0)*	0.2 step	VXX:GMCS9=-15.0	QVX:GMCS9	GMCS9=-15.0	✓

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				CONTROL	QUERY		MZ10K SERIES
CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	COMMANDS/CALL BACK	COMMANDS	CALL BACK	MZ16K MZ13K MZ10K
POSITION	HORIZONTAL KEYSTONE	+15.0 (+40.0)*		VXX:GMCS9=+15.0		GMCS9=+15.0	✓
	GEOMETRY-CURVED-MAINTAIN ASPECT RATIO	OFF		VXX:GMCIA=+00000	QVX:GMCIA	GMCIA=+00000	✓
		ON		VXX:GMCIA=+00001		GMCIA=+00001	✓
	GEOMETRY-CORNER CORRECTION-UPPER LEFT(V)	*min.*		VXX:GMFI1=+00000	QVX:GMFI1	GMFI1=+00000	-120
		max.		VXX:GMFI1=+00300		GMFI1=+00300	+300
	GEOMETRY-CORNER CORRECTION-UPPER RIGHT(V)	*min.*		VXX:GMFI2=+00000	QVX:GMFI2	GMFI2=+00000	-120
		max.		VXX:GMFI2=+00300		GMFI2=+00300	+300
	GEOMETRY-CORNER CORRECTION-LOWER LEFT(V)	*min.*		VXX:GMFI3=-00300	QVX:GMFI3	GMFI3=-00300	-300
		max.		VXX:GMFI3=+00000		GMFI3=+00000	+120
	GEOMETRY-CORNER CORRECTION-LOWER RIGHT(V)	*min.*		VXX:GMFI4=-00300	QVX:GMFI4	GMFI4=-00300	-300
		max.		VXX:GMFI4=+00000		GMFI4=+00000	+120
	GEOMETRY-CORNER CORRECTION-LINEARITY(V)	*min.*		VXX:GMFI5=-00127	QVX:GMFI5	GMFI5=-00127	-127
		max.		VXX:GMFI5=+00127		GMFI5=+00127	+127
	GEOMETRY-CORNER CORRECTION-UPPER LEFT(H)	*min.*		VXX:GMFI6=+00000	QVX:GMFI6	GMFI6=+00000	-192
		max.		VXX:GMFI6=+00480		GMFI6=+00480	+480
	GEOMETRY-CORNER CORRECTION-UPPER RIGHT(H)	*min.*		VXX:GMFI7=-00480	QVX:GMFI7	GMFI7=-00480	-480
		max.		VXX:GMFI7=+00000		GMFI7=+00000	+192
	GEOMETRY-CORNER CORRECTION-LOWER LEFT(H)	*min.*		VXX:GMFI8=+00000	QVX:GMFI8	GMFI8=+00000	-192
		max.		VXX:GMFI8=+00480		GMFI8=+00480	+480
	GEOMETRY-CORNER CORRECTION-LOWER RIGHT(H)	*min.*		VXX:GMFI9=-00480	QVX:GMFI9	GMFI9=-00480	-480
		max.		VXX:GMFI9=+00000		GMFI9=+00000	+192
	GEOMETRY-CORNER CORRECTION-LINEARITY(H)	*min.*		VXX:GMFIA=-00127	QVX:GMFIA	GMFIA=-00127	-127
		max.		VXX:GMFIA=+00127		GMFIA=+00127	+127
	GEOMETRY - FREE GRID(ON/OFF)	OFF		VXX:GMGI1=+00000	QVX:GMGI1	GMGI1=+00000	✓
		ON		VXX:GMGI1=+00001		GMGI1=+00001	✓
	GEOMETRY - FREE GRID - INITIALIZE			VXX:GMGI2=+00001			✓
	GEOMETRY - FREE GRID - GRID RESOLUTION	2x2		VXX:GMGI3=+00002	QVX:GMGI3	GMGI3=+00002	✓
		3x3		VXX:GMGI3=+00003		GMGI3=+00003	✓
		5x5		VXX:GMGI3=+00005		GMGI3=+00005	✓
		9x9		VXX:GMGI3=+00009		GMGI3=+00009	✓
		17x17		VXX:GMGI3=+00017		GMGI3=+00017	✓
	GEOMETRY - FREE GRID - GRID COLOR	OFF		VXX:GMGI4=+00000	QVX:GMGI4	GMGI4=+00000	✓
		WHITE		VXX:GMGI4=+00001		GMGI4=+00001	✓
		BLACK		VXX:GMGI4=+00002		GMGI4=+00002	✓
		RED		VXX:GMGI4=+00003		GMGI4=+00003	✓
		GREEN		VXX:GMGI4=+00004		GMGI4=+00004	✓
		BLUE		VXX:GMGI4=+00005		GMGI4=+00005	✓
		CYAN		VXX:GMGI4=+00006		GMGI4=+00006	✓
		MAGENTA		VXX:GMGI4=+00007		GMGI4=+00007	✓
		YELLOW		VXX:GMGI4=+00008		GMGI4=+00008	✓
	GEOMETRY - FREE GRID - CONTROL POINTS	POINT		VXX:GMGI5=+00000	QVX:GMGI5	GMGI5=+00000	✓
		HORIZONTAL LINE		VXX:GMGI5=+00001		GMGI5=+00001	✓
		VERTICAL LINE		VXX:GMGI5=+00002		GMGI5=+00002	✓
	GEOMETRY - FREE GRID - GRID WIDTH	1		VXX:GMGI7=+00001	QVX:GMGI7	GMGI7=+00001	✓
		10		VXX:GMGI7=+00010		GMGI7=+00010	✓
	GEOMETRY - FREE GRID - CONTROL POINTS COLOR	WHITE		VXX:GMGI8=+00001	QVX:GMGI8	GMGI8=+00001	✓
		BLACK		VXX:GMGI8=+00002		GMGI8=+00002	✓
		RED		VXX:GMGI8=+00003		GMGI8=+00003	✓
		GREEN		VXX:GMGI8=+00004		GMGI8=+00004	✓
		BLUE		VXX:GMGI8=+00005		GMGI8=+00005	✓
		CYAN		VXX:GMGI8=+00006		GMGI8=+00006	✓
		MAGENTA		VXX:GMGI8=+00007		GMGI8=+00007	✓
		YELLOW		VXX:GMGI8=+00008		GMGI8=+00008	✓
	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	✓
	DIGITAL CINEMA REALITY	AUTO		OPD:0	QPD	0	✓
		OFF		OPD:1		1	✓
		30p/25p FIXED		OPD:2		2	✓
	BLANKING-UPPER	*min.*		DBU:000	QLU	000	0
		max.		DBU:2398		2398	599
	BLANKING-LOWER	*min.*		DBB:000	QLB	000	0
		max.		DBB:2398		2398	599
	BLANKING-RIGHT	*min.*		DBR:000	QLR	000	0
		max.		DBR:3838		3838	959
	BLANKING-LEFT	*min.*		DBL:000	QLL	000	0
		max.		DBL:3838		3838	959
	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	✓
		2037		VDL:2037		2037	✓
	CLAMP POSITION	1		VLT:001	QLT	001	✓
		255		VLT:255		255	✓
	CUSTOM MASKING *	OFF		VXX:MSKI1=+00000	QVX:MSKI1	MSKI1=+00000	✓
		PC-1		VXX:MSKI1=+00001		MSKI1=+00001	✓
		PC-2		VXX:MSKI1=+00002		MSKI1=+00002	✓
		PC-3		VXX:MSKI1=+00003		MSKI1=+00003	✓
	EDGE BLENDING	OFF		VXX:EDBI0=+00000	QVX:EDBI0	EDBI0=+00000	✓
		ON		VXX:EDBI0=+00001		EDBI0=+00001	✓
		USER		VXX:EDBI0=+00002		EDBI0=+00002	✓
	EDGE BLENDING-UPPER ON/OFF	OFF		VGU:0	QGU	0	✓
		ON		VGU:1		1	✓
	EDGE BLENDING-LOWER ON/OFF	OFF		VGB:0	QGB	0	✓
		ON		VGB:1		1	✓
	EDGE BLENDING-LEFT ON/OFF	OFF		VGL:0	QGL	0	✓
		ON		VGL:1		1	✓
	EDGE BLENDING-RIGHT ON/OFF	OFF		VGR:0	QGR	0	✓
		ON		VGR:1		1	✓

CONTROL COMMANDS

				CONTROL	QUERY		MZ10K SERIES
CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	COMMANDS/CALL BACK	COMMANDS	CALL BACK	MZ16K MZ13K MZ10K
ADVANCED	EDGE BLENDING-START-UPPER	*min.*		VEU:0000	QEU	0000	✓
		max.		VEU:2272		2272	✓
	EDGE BLENDING-START-LOWER	*min.*		VEB:0000	QEB	0000	✓
		max.		VEB:2272		2272	✓
	EDGE BLENDING-START-LEFT	*min.*		VEL:0000	QEL	0000	✓
		max.		VEL:3712		3712	✓
	EDGE BLENDING-START-RIGHT	*min.*		VER:0000	QER	0000	✓
		max.		VER:3712		3712	✓
	EDGE BLENDING-WIDTH-UPPER	*min.*		VXX:EUWI0=+00000	QVX:EUWI0	EUWI0=+00000	✓
		max.		VXX:EUWI0=+02272		EUWI0=+02272	✓
	EDGE BLENDING-WIDTH-LOWER	*min.*		VXX:EBWI0=+00000	QVX:EBWI0	EBWI0=+00000	✓
		max.		VXX:EBWI0=+02272		EBWI0=+02272	✓
	EDGE BLENDING-WIDTH-LEFT	*min.*		VXX:ELWI0=+00000	QVX:ELWI0	ELWI0=+00000	✓
		max.		VXX:ELWI0=+03712		ELWI0=+03712	✓
	EDGE BLENDING-WIDTH-RIGHT	*min.*		VXX:ERWI0=+00000	QVX:ERWI0	ERWI0=+00000	✓
		max.		VXX:ERWI0=+03712		ERWI0=+03712	✓
	EDGE BLENDING-MARKER-ON/OFF	OFF		VGM:0	QGM	0	✓
		ON		VGM:1		1	✓
	EDGE BLENDING-NON-OVERLAPPED BLACK LEVEL	0 (W,R,G,B)		VJI:000,000,000,000	QJI	000,000,000,000	✓
		255 (W,R,G,B)		VJI:255,255,255,255		255,255,255,255	✓
	EDGE BLENDING-NON-OVERLAPPED BLACK LEVEL-	OFF		VXX:EBII1=+00000	QVX:EBII1	EBII1=+00000	✓
		ON		VXX:EBII1=+00001		EBII1=+00001	✓
	EDGE BLENDING-BLACK BORDER LEVEL	0 (W,R,G,B)		VJO:000,000,000,000	QJO	000,000,000,000	✓
		255 (W,R,G,B)		VJO:255,255,255,255		255,255,255,255	✓
	EDGE BLENDING-BLACK BORDER LEVEL-INTERLOCKED	OFF		VXX:EBII2=+00000	QVX:EBII2	EBII2=+00000	✓
		ON		VXX:EBII2=+00001		EBII2=+00001	✓
	EDGE BLENDING-BLACK BORDER WIDTH-UPPER	*min.*		VJU:0000	QJU	0000	0
		max.		VJU:2272		2272	1200
	EDGE BLENDING-BLACK BORDER WIDTH-LOWER	*min.*		VJB:0000	QJB	0000	0
		max.		VJB:2272		2272	1200
	EDGE BLENDING-BLACK BORDER WIDTH-LEFT	*min.*		VJL:0000	QJL	0000	0
		max.		VJL:3712		3712	1920
	EDGE BLENDING-BLACK BORDER WIDTH-RIGHT	*min.*		VJR:0000	QJR	0000	0
		max.		VJR:3712		3712	1920
	EDGE BLENDING-BLACK BORDER WIDTH-UPPER KEYSTONE AREA	*min.*		VXX:EBBI4=-02272	QVX:EBBI4	EBBI4=-02272	1200
		max.		VXX:EBBI4=+02272		EBBI4=+02272	1200
	EDGE BLENDING-BLACK BORDER WIDTH-LOWER KEYSTONE AREA	*min.*		VXX:EBBI5=-02272	QVX:EBBI5	EBBI5=-02272	-1200
		max.		VXX:EBBI5=+02272		EBBI5=+02272	1200
	EDGE BLENDING-BLACK BORDER WIDTH-LEFT KEYSTONE AREA	*min.*		VXX:EBBI6=-03712	QVX:EBBI6	EBBI6=-03712	-1920
		max.		VXX:EBBI6=+03712		EBBI6=+03712	1920
	EDGE BLENDING-BLACK BORDER WIDTH-RIGHT KEYSTONE AREA	*min.*		VXX:EBBI7=-03712	QVX:EBBI7	EBBI7=-03712	-1920
		max.		VXX:EBBI7=+03712		EBBI7=+03712	1920
	EDGE BLENDING-OVERLAPPED BLACK LEVEL-UPPER	0 (W,R,G,B)		VXX:EBBS0=000,000,000,000	QVX:EBBS0	EBBS0=000,000,000,000	✓
		255 (W,R,G,B)		VXX:EBBS0=255,255,255,255		EBBS0=255,255,255,255	✓
	EDGE BLENDING-OVERLAPPED BLACK LEVEL-LOWER	0 (W,R,G,B)		VXX:EBBS1=000,000,000,000	QVX:EBBS1	EBBS1=000,000,000,000	✓
		255 (W,R,G,B)		VXX:EBBS1=255,255,255,255		EBBS1=255,255,255,255	✓
	EDGE BLENDING-OVERLAPPED BLACK LEVEL-LEFT	0 (W,R,G,B)		VXX:EBBS2=000,000,000,000	QVX:EBBS2	EBBS2=000,000,000,000	✓
		255 (W,R,G,B)		VXX:EBBS2=255,255,255,255		EBBS2=255,255,255,255	✓
	EDGE BLENDING-OVERLAPPED BLACK LEVEL-RIGHT	0 (W,R,G,B)		VXX:EBBS3=000,000,000,000	QVX:EBBS3	EBBS3=000,000,000,000	✓
		255 (W,R,G,B)		VXX:EBBS3=255,255,255,255		EBBS3=255,255,255,255	✓
	EDGE BLENDING-OVERLAPPED BLACK LEVEL-UPPER	OFF		VXX:EBII3=+00000	QVX:EBII3	EBII3=+00000	✓
		ON		VXX:EBII3=+00001		EBII3=+00001	✓
	EDGE BLENDING-OVERLAPPED BLACK LEVEL-LOWER	OFF		VXX:EBII4=+00000	QVX:EBII4	EBII4=+00000	✓
		ON		VXX:EBII4=+00001		EBII4=+00001	✓
	EDGE BLENDING-OVERLAPPED BLACK LEVEL-LEFT INTERLOCKED	OFF		VXX:EBII5=+00000	QVX:EBII5	EBII5=+00000	✓
		ON		VXX:EBII5=+00001		EBII5=+00001	✓
	EDGE BLENDING-OVERLAPPED BLACK LEVEL-RIGHT	OFF		VXX:EBII6=+00000	QVX:EBII6	EBII6=+00000	✓
		ON		VXX:EBII6=+00001		EBII6=+00001	✓
	EDGE BLENDING-AUTO TESTPATTERN	OFF		VXX:EATI1=+00000	QVX:EATI1	EATI1=+00000	✓
		ON		VXX:EATI1=+00001		EATI1=+00001	✓
	FRAME RESPONSE	NORMAL		VXX:FDYI0=+00000	QVX:FDYI0	FDYI0=+00000	✓
		FAST		VXX:FDYI0=+00001		FDYI0=+00001	✓
		FIXED		VXX:FDYI0=+00005		FDYI0=+00005	✓
	RASTER POSITION-HORIZONTAL	-2048		VRH:2952	QRH	2952	✓
		+2047		VRH:7047		7047	✓
	RASTER POSITION-VERTICAL	-2048		VRV:2952	QRV	2952	✓
		+2047		VRV:7047		7047	✓
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	✓
	COLOR MATCHING	OFF		VXX:CMAI0=+00000	QVX:CMAI0	CMAI0=+00000	✓
		3COLORS		VXX:CMAI0=+00001		CMAI0=+00001	✓
		7COLORS		VXX:CMAI0=+00002		CMAI0=+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-GREEI	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-WHITI	256 (GAIN)		VMW:0256	QMW	0256	✓
		2048(GAIN)		VMW:2048		2048	✓
	COLOR MATCHING-3COLORS-AUTO TESTPATTERN	OFF		VXX:CATI0=+00000	QVX:CATI0	CATI0=+00000	✓
		ON		VXX:CATI0=+00001		CATI0=+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-GREEI	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-MAGE	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-YELLO	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-WHITI	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:CATI1=+00000	QVX:CATI1	CATI1=+00000	✓
		ON		VXX:CATI1=+00001		CATI1=+00001	✓
	COLOR CORRECTION	OFF		VCM:0	QMC	0	✓
		USER		VCM:1		1	✓
	COLOR CORRECTION-RED	-30		VXX:CCRI0=-00030	QVX:CCRI0	CCRI0=-00030	✓
		+30		VXX:CCRI0=+00030		CCRI0=+00030	✓
	COLOR CORRECTION-GREEN	-30		VXX:CCRI1=-00030	QVX:CCRI1	CCRI1=-00030	✓
		+30		VXX:CCRI1=+00030		CCRI1=+00030	✓
	COLOR CORRECTION-BLUE	-30		VXX:CCRI2=-00030	QVX:CCRI2	CCRI2=-00030	✓

CONTROL COMMANDS

				CONTROL	QUERY		MZ10K SERIES
CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	COMMANDS/CALL BACK	COMMANDS	CALL BACK	MZ16K MZ13K MZ10K
		+30		VXX:CCRI2=+00030		CCRI2=+00030	✓
	COLOR CORRECTION-CYAN	-30		VXX:CCRI3=-00030	QVX:CCRI3	CCRI3=-00030	✓
		+30		VXX:CCRI3=+00030		CCRI3=+00030	✓
	COLOR CORRECTION-MAGENTA	-30		VXX:CCRI4=-00030	QVX:CCRI4	CCRI4=-00030	✓
		+30		VXX:CCRI4=+00030		CCRI4=+00030	✓
	COLOR CORRECTION-YELLOW	-30		VXX:CCRI5=-00030	QVX:CCRI5	CCRI5=-00030	✓
		+30		VXX:CCRI5=+00030		CCRI5=+00030	✓
	AUTO SIGNAL	OFF		VXX:AASI0=+00000	QVX:AASI0	AASI0=+00000	✓
		ON		VXX:AASI0=+00001		AASI0=+00001	✓
	AUTO SETUP -MODE	USER		OAM:0	QAM	0	✓
		DEFAULT		OAM:1		1	✓
		WIDE		OAM:2		2	✓
	AUTO SETUP -POSITION ADJ.	OFF		VXX:APAI0=+00000	QVX:APAI0	APAI0=+00000	✓
		ON		VXX:APAI0=+00001		APAI0=+00001	✓
	AUTO SETUP -SIGNAL LEVEL ADJ.	OFF		VXX:ASLI0=+00000	QVX:ASLI0	ASLI0=+00000	✓
		ON		VXX:ASLI0=+00001		ASLI0=+00001	✓
	BACKUP INPUT SETTING-BACKUP INPUT	PRIMARY		VXX:BACI1=+00001	QVX:BACI1	BACI1=+00001	✓
		SECONDARY		VXX:BACI1=+00002		BACI1=+00002	✓
		TOGGLE		VXX:BACI1=+00010		BACI1=+00010	✓
	BACKUP INPUT SETTING-BACKUP INPUT MODE	OFF		VXX:BACI2=+00000	QVX:BACI2	BACI2=+00000	✓
		ON/1		VXX:BACI2=+00001		BACI2=+00001	✓
		2		VXX:BACI2=+00002		BACI2=+00002	✓
		3		VXX:BACI2=+00003		BACI2=+00003	✓
	BACKUP INPUT SETTING-AUTOMATIC SWITCHING	DISABLE		VXX:BACI3=+00001	QVX:BACI3	BACI3=+00001	✓
		ENABLE		VXX:BACI3=+00002		BACI3=+00002	✓
	BACKUP INPUT SETTING-BACKUP INPUT STATUS	INACTIVE			QVX:BACI4	BACI4=+00000	✓
		ACTIVE				BACI4=+00001	✓
	RGB IN-RGB1 SYNC SLICE LEVEL	LOW		VXX:STRI0=+00000	QVX:STRI0	STRI0=+00000	✓
		HIGH		VXX:STRI0=+00001		STRI0=+00001	✓
	RGB IN-RGB1 EDID MODE	DEFAULT		VXX:EDMI7=+00000	QVX:EDMI7	EDMI7=+00000	✓
		SCREEB FIT		VXX:EDMI7=+00001		EDMI7=+00001	✓
		USER		VXX:EDMI7=+00010		EDMI7=+00010	✓
	RGB IN-RGB1 EDID RESOLUTION	1024x768p		VXX:EDRS7=1024:0768:p	QVX:EDRS7	EDRS7=1024:0768:p	✓
		1280x720p		VXX:EDRS7=1280:0720:p		EDRS7=1280:0720:p	✓
		1280x800p		VXX:EDRS7=1280:0800:p		EDRS7=1280:0800:p	✓
		1280x1024p		VXX:EDRS7=1280:1024:p		EDRS7=1280:1024:p	✓
		1366x768p		VXX:EDRS7=1366:0768:p		EDRS7=1366:0768:p	✓
		1400x1050p		VXX:EDRS7=1400:1050:p		EDRS7=1400:1050:p	✓
		1440x900p		VXX:EDRS7=1440:0900:p		EDRS7=1440:0900:p	✓
		1600x900p		VXX:EDRS7=1600:0900:p		EDRS7=1600:0900:p	✓
		1600x1200p		VXX:EDRS7=1600:1200:p		EDRS7=1600:1200:p	✓
		1680x1050p		VXX:EDRS7=1680:1050:p		EDRS7=1680:1050:p	✓
		1920x1080p		VXX:EDRS7=1920:1080:p		EDRS7=1920:1080:p	✓
		1920x1080i		VXX:EDRS7=1920:1080:i		EDRS7=1920:1080:i	✓
		1920x1200p		VXX:EDRS7=1920:1200:p		EDRS7=1920:1200:p	✓
	RGB IN-RGB1 EDID VERTICAL SCAN FREQUENCY	60Hz		VXX:EDVI7=+06000	QVX:EDVI7	EDVI7=+06000	✓
		50Hz		VXX:EDVI7=+05000		EDVI7=+05000	✓
		48Hz		VXX:EDVI7=+04800		EDVI7=+04800	✓
		30Hz		VXX:EDVI7=+03000		EDVI7=+03000	✓
		25Hz		VXX:EDVI7=+02500		EDVI7=+02500	✓
		24Hz		VXX:EDVI7=+02400		EDVI7=+02400	✓
	RGB IN-RGB1 EDID RESOLUTION / VERTICAL SCAN FREQUENCY	* PARAMETER		VXX:EDGS1=*********:*:****	QVX:EDGS1	EDGS1=*********:*:****	✓
		* PARAMETER1	1024x768	VXX:EDGS1=1024:0768:*:****		EDGS1=1024:0768:*:****	✓
			1280x720	VXX:EDGS1=1280:0720:*:****		EDGS1=1280:0720:*:****	✓
			1280x800	VXX:EDGS1=1280:0800:*:****		EDGS1=1280:0800:*:****	✓
			1280x1024	VXX:EDGS1=1280:1024:*:****		EDGS1=1280:1024:*:****	✓
			1366x768	VXX:EDGS1=1366:0768:*:****		EDGS1=1366:0768:*:****	✓
			1400x1050	VXX:EDGS1=1400:1050:*:****		EDGS1=1400:1050:*:****	✓
			1440x900	VXX:EDGS1=1440:0900:*:****		EDGS1=1440:0900:*:****	✓
			1600x900	VXX:EDGS1=1600:0900:*:****		EDGS1=1600:0900:*:****	✓
			1600x1200	VXX:EDGS1=1600:1200:*:****		EDGS1=1600:1200:*:****	✓
			1680x1050	VXX:EDGS1=1680:1050:*:****		EDGS1=1680:1050:*:****	✓
			1920x1080	VXX:EDGS1=1920:1080:*:****		EDGS1=1920:1080:*:****	✓
			1920x1200	VXX:EDGS1=1920:1200:*:****		EDGS1=1920:1200:*:****	✓
		* PARAMETER2	Progressive	VXX:EDGS1=*********:p:****		EDGS1=*********:p:****	✓
			Interlace	VXX:EDGS1=*********:i:****		EDGS1=*********:i:****	✓
		* PARAMETER3	60Hz	VXX:EDGS1=*********:*:6000		EDGS1=*********:*:6000	✓
			50Hz	VXX:EDGS1=*********:*:5000		EDGS1=*********:*:5000	✓
			48Hz	VXX:EDGS1=*********:*:4800		EDGS1=*********:*:4800	✓
			30Hz	VXX:EDGS1=*********:*:3000		EDGS1=*********:*:3000	✓
			25Hz	VXX:EDGS1=*********:*:2500		EDGS1=*********:*:2500	✓
			24Hz	VXX:EDGS1=*********:*:2400		EDGS1=*********:*:2400	✓
	RGB IN-RGB1 EDID STATUS RESOLUTION / VERTICAL SCAN FREQUENCY	* PARAMETER			QVX:ESGS1	ESGS1=*********:*:****	✓
		* PARAMETER1	1024x768			ESGS1=1024:0768:*:****	✓
			1280x720			ESGS1=1280:0720:*:****	✓
			1280x800			ESGS1=1280:0800:*:****	✓
			1280x1024			ESGS1=1280:1024:*:****	✓
			1366x768			ESGS1=1366:0768:*:****	✓
			1400x1050			ESGS1=1400:1050:*:****	✓
			1440x900			ESGS1=1440:0900:*:****	✓
			1600x900			ESGS1=1600:0900:*:****	✓
			1600x1200			ESGS1=1600:1200:*:****	✓
			1680x1050			ESGS1=1680:1050:*:****	✓
			1920x1080			ESGS1=1920:1080:*:****	✓
			1920x1200			ESGS1=1920:1200:*:****	✓
		* PARAMETER2	Progressive			ESGS1=*********:p:****	✓
			Interlace			ESGS1=*********:i:****	✓
		* PARAMETER3	60Hz			ESGS1=*********:*:6000	✓
			50Hz			ESGS1=*********:*:5000	✓
			48Hz			ESGS1=*********:*:4800	✓
			30Hz			ESGS1=*********:*:3000	✓
			25Hz			ESGS1=*********:*:2500	✓
			24Hz			ESGS1=*********:*:2400	✓
	DVI-D IN-EDID	EDID1		OED:1	QED	1	✓
		EDID2(PC)		OED:2		2	✓
		EDID3		OED:3		3	✓
	DVI-D IN-SIGNAL LEVEL	0-255 PC		VXX:DVII0=+00000	QVX:DVII0	DVII0=+00000	✓
		15-235		VXX:DVII0=+00001		DVII0=+00001	✓
		AUTO		VXX:DVII0=+00002		DVII0=+00002	✓
	DVI-D IN-EDID MODE	DEFAULT		VXX:EDMI2=+00000	QVX:EDMI0	EDMI2=+00000	✓
		SCREEN FIT		VXX:EDMI2=+00001		EDMI2=+00001	✓
		USER		VXX:EDMI2=+00010		EDMI2=+00010	✓
	DVI-D IN-EDID RESOLUTION	1024x768p		VXX:EDRS2=1024:0768:p	QVX:EDRS2	EDRS2=1024:0768:p	✓
		1280x720p		VXX:EDRS2=1280:0720:p		EDRS2=1280:0720:p	✓
		1280x768p		VXX:EDRS2=1280:0768:p		EDRS2=1280:0768:p	✓
		1280x800p		VXX:EDRS2=1280:0800:p		EDRS2=1280:0800:p	✓
		1280x1024p		VXX:EDRS2=1280:1024:p		EDRS2=1280:1024:p	✓
		1366x768p		VXX:EDRS2=1366:0768:p		EDRS2=1366:0768:p	✓
		1400x1050p		VXX:EDRS2=1400:1050:p		EDRS2=1400:1050:p	✓
		1440x900p		VXX:EDRS2=1440:0900:p		EDRS2=1440:0900:p	✓
		1600x900p		VXX:EDRS2=1600:0900:p		EDRS2=1600:0900:p	✓
		1600x1200p		VXX:EDRS2=1600:1200:p		EDRS2=1600:1200:p	✓
		1680x1050p		VXX:EDRS2=1680:1050:p		EDRS2=1680:1050:p	✓

				CONTROL	QUERY		MZ10K SERIES
CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	COMMANDS/CALL BACK	COMMANDS	CALL BACK	MZ16K MZ13K MZ10K
		1920x1080p		VXX:EDRS2=1920:1080:p		EDRS2=1920:1080:p	✓
		1920x1080i		VXX:EDRS2=1920:1080:i		EDRS2=1920:1080:i	✓
		1920x1200p		VXX:EDRS2=1920:1200:p		EDRS2=1920:1200:p	✓
	DVI-D IN-EDID VERTICAL SCAN FREQUENCY	60Hz		VXX:EDVI2=+06000	QVX:EDVI2	EDVI2=+06000	✓
		50Hz		VXX:EDVI2=+05000		EDVI2=+05000	✓
		48Hz		VXX:EDVI2=+04800		EDVI2=+04800	✓
		30Hz		VXX:EDVI2=+03000		EDVI2=+03000	✓
		25Hz		VXX:EDVI2=+02500		EDVI2=+02500	✓
		24Hz		VXX:EDVI2=+02400		EDVI2=+02400	✓
	DVI-D IN-EDID RESOLUTION / VERTICAL SCAN FREQUENCY	* PARAMETER		VXX:EDDS1=*********:*:****	QVX:EDDS1	EDDS1=*********:*:****	✓
		* PARAMETER1	1024x768	VXX:EDDS1=1024:0768:*:****		EDDS1=1024:0768:*:****	✓
			1280x720	VXX:EDDS1=1280:0720:*:****		EDDS1=1280:0720:*:****	✓
			1280x800	VXX:EDDS1=1280:0800:*:****		EDDS1=1280:0800:*:****	✓
			1280x1024	VXX:EDDS1=1280:1024:*:****		EDDS1=1280:1024:*:****	✓
			1366x768	VXX:EDDS1=1366:0768:*:****		EDDS1=1366:0768:*:****	✓
			1400x1050	VXX:EDDS1=1400:1050:*:****		EDDS1=1400:1050:*:****	✓
			1440x900	VXX:EDDS1=1440:0900:*:****		EDDS1=1440:0900:*:****	✓
			1600x900	VXX:EDDS1=1600:0900:*:****		EDDS1=1600:0900:*:****	✓
			1600x1200	VXX:EDDS1=1600:1200:*:****		EDDS1=1600:1200:*:****	✓
			1680x1050	VXX:EDDS1=1680:1050:*:****		EDDS1=1680:1050:*:****	✓
			1920x1080	VXX:EDDS1=1920:1080:*:****		EDDS1=1920:1080:*:****	✓
			1920x1200	VXX:EDDS1=1920:1200:*:****		EDDS1=1920:1200:*:****	✓
		* PARAMETER2	Progressive	VXX:EDDS1=*********:p:****		EDDS1=*********:p:****	✓
			Interlace	VXX:EDDS1=*********:i:****		EDDS1=*********:i:****	✓
		* PARAMETER3	60Hz	VXX:EDDS1=*********:*:6000		EDDS1=*********:*:6000	✓
			50Hz	VXX:EDDS1=*********:*:5000		EDDS1=*********:*:5000	✓
			48Hz	VXX:EDDS1=*********:*:4800		EDDS1=*********:*:4800	✓
			30Hz	VXX:EDDS1=*********:*:3000		EDDS1=*********:*:3000	✓
			25Hz	VXX:EDDS1=*********:*:2500		EDDS1=*********:*:2500	✓
			24Hz	VXX:EDDS1=*********:*:2400		EDDS1=*********:*:2400	✓
	DVI-D IN-EDID STATUS RESOLUTION / VERTICAL SCAN FREQUENCY	* PARAMETER			QVX:ESDS1	ESDS1=*********:*:****	✓
		* PARAMETER1	1024x768			ESDS1=1024:0768:*:****	✓
			1280x720			ESDS1=1280:0720:*:****	✓
			1280x800			ESDS1=1280:0800:*:****	✓
			1280x1024			ESDS1=1280:1024:*:****	✓
			1366x768			ESDS1=1366:0768:*:****	✓
			1400x1050			ESDS1=1400:1050:*:****	✓
			1440x900			ESDS1=1440:0900:*:****	✓
			1600x900			ESDS1=1600:0900:*:****	✓
			1600x1200			ESDS1=1600:1200:*:****	✓
			1680x1050			ESDS1=1680:1050:*:****	✓
			1920x1080			ESDS1=1920:1080:*:****	✓
			1920x1200			ESDS1=1920:1200:*:****	✓
		* PARAMETER2	Progressive			ESDS1=*********:p:****	✓
			Interlace			ESDS1=*********:i:****	✓
		* PARAMETER3	60Hz			ESDS1=*********:*:6000	✓
			50Hz			ESDS1=*********:*:5000	✓
			48Hz			ESDS1=*********:*:4800	✓
			30Hz			ESDS1=*********:*:3000	✓
			25Hz			ESDS1=*********:*:2500	✓
			24Hz			ESDS1=*********:*:2400	✓
	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	✓
	HDMI IN-EDID MODE	DEFAULT		VXX:EDMI3=+00000	QVX:EDMI3	EDMI3=+00000	✓
		SCREEN FIT		VXX:EDMI3=+00001		EDMI3=+00001	✓
		USER		VXX:EDMI3=+00010		EDMI3=+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	✓
		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:EDVI3=+06000	QVX:EDVI3	EDVI3=+06000	✓
		50Hz		VXX:EDVI3=+05000		EDVI3=+05000	✓
		48Hz		VXX:EDVI3=+04800		EDVI3=+04800	✓
		30Hz		VXX:EDVI3=+03000		EDVI3=+03000	✓
		25Hz		VXX:EDVI3=+02500		EDVI3=+02500	✓
		24Hz		VXX:EDVI3=+02400		EDVI3=+02400	✓
	HDMI IN-HDMI1 EDID RESOLUTION / VERTICAL SCAN FREQUENCY	* PARAMETER		VXX:EDHS1=*********:*:****	QVX:EHDS1	EDHS1=*********:*:****	✓
		* PARAMETER1	1024x768	VXX:EDHS1=1024:0768:*:****		EDHS1=1024:0768:*:****	✓
			1280x720	VXX:EDHS1=1280:0720:*:****		EDHS1=1280:0720:*:****	✓
			1280x800	VXX:EDHS1=1280:0800:*:****		EDHS1=1280:0800:*:****	✓
			1280x1024	VXX:EDHS1=1280:1024:*:****		EDHS1=1280:1024:*:****	✓
			1366x768	VXX:EDHS1=1366:0768:*:****		EDHS1=1366:0768:*:****	✓
			1400x1050	VXX:EDHS1=1400:1050:*:****		EDHS1=1400:1050:*:****	✓
			1440x900	VXX:EDHS1=1440:0900:*:****		EDHS1=1440:0900:*:****	✓
			1600x900	VXX:EDHS1=1600:0900:*:****		EDHS1=1600:0900:*:****	✓
			1600x1200	VXX:EDHS1=1600:1200:*:****		EDHS1=1600:1200:*:****	✓
			1680x1050	VXX:EDHS1=1680:1050:*:****		EDHS1=1680:1050:*:****	✓
			1920x1080	VXX:EDHS1=1920:1080:*:****		EDHS1=1920:1080:*:****	✓
			1920x1200	VXX:EDHS1=1920:1200:*:****		EDHS1=1920:1200:*:****	✓
		* PARAMETER2	Progressive	VXX:EDHS1=*********:p:****		EDHS1=*********:p:****	✓
			Interlace	VXX:EDHS1=*********:i:****		EDHS1=*********:i:****	✓
		* PARAMETER3	60Hz	VXX:EDHS1=*********:*:6000		EDHS1=*********:*:6000	✓
			50Hz	VXX:EDHS1=*********:*:5000		EDHS1=*********:*:5000	✓
			48Hz	VXX:EDHS1=*********:*:4800		EDHS1=*********:*:4800	✓
			30Hz	VXX:EDHS1=*********:*:3000		EDHS1=*********:*:3000	✓
			25Hz	VXX:EDHS1=*********:*:2500		EDHS1=*********:*:2500	✓
			24Hz	VXX:EDHS1=*********:*:2400		EDHS1=*********:*:2400	✓
DISPLAY OPTION	HDMI IN-HDMI 1 EDID STATUS RESOLUTION / VERTICAL SCAN FREQUENCY	* PARAMETER			QVX:ESHS1	ESHS1=*********:*:****	✓
		* PARAMETER1	1024x768			ESHS1=1024:0768:*:****	✓
			1280x720			ESHS1=1280:0720:*:****	✓
			1280x800			ESHS1=1280:0800:*:****	✓
			1280x1024			ESHS1=1280:1024:*:****	✓
			1366x768			ESHS1=1366:0768:*:****	✓
			1400x1050			ESHS1=1400:1050:*:****	✓
			1440x900			ESHS1=1440:0900:*:****	✓
			1600x900			ESHS1=1600:0900:*:****	✓
			1600x1200			ESHS1=1600:1200:*:****	✓
			1680x1050			ESHS1=1680:1050:*:****	✓
			1920x1080			ESHS1=1920:1080:*:****	✓
			1920x1200			ESHS1=1920:1200:*:****	✓
		* PARAMETER2	Progressive			ESHS1=*********:p:****	✓
			Interlace			ESHS1=*********:i:****	✓
			60Hz			ESHS1=*********:*:6000	✓

CONTROL COMMANDS

				CONTROL	QUERY		MZ10K SERIES
CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	COMMANDS/CALL BACK	COMMANDS	CALL BACK	MZ16K MZ13K MZ10K
		* PARAMETER3	50Hz			ESHS1=*********:*:5000	✓
			48Hz			ESHS1=*********:*:4800	✓
			30Hz			ESHS1=*********:*:3000	✓
			25Hz			ESHS1=*********:*:2500	✓
			24Hz			ESHS1=*********:*:2400	✓
	HDMI IN-HDMI1 EDID SELECT	4K/60p		VXX:HESI1=+00000	QVX:HESI1	HESI1=+00000	✓
		4K/30p		VXX:HESI1=+00001		HESI1=+00001	✓
		2K		VXX:HESI1=+00002		HESI1=+00002	✓
	DIGITAL LINK-SIGNAL LEVEL	AUTO		VXX:DKLI1=+00000	QVX:DKLI1	DKLI1=+00000	✓
		0-1023		VXX:DKLI1=+00001		DKLI1=+00001	✓
		64-940		VXX:DKLI1=+00002		DKLI1=+00002	✓
	DIGITAL LINK-EDID SELECT (SINGLE LINK)	EDID1:4K/60p		VXX:LESI1=+00000	QVX:LESI1	LESI1=+00000	✓
		EDID2:4K/30p		VXX:LESI1=+00001		LESI1=+00001	✓
		EDID3:2K		VXX:LESI1=+00002		LESI1=+00002	✓
	DIGITAL LINK-EDID MODE	DEFAULT		VXX:EDMI4=+00000	QVX:EDMI4	EDMI4=+00000	✓
		SCREEN FIT		VXX:EDMI4=+00001		EDMI4=+00001	✓
		USER		VXX:EDMI4=+00010		EDMI4=+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	✓
		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:EDVI4=+06000	QVX:EDVI4	EDVI4=+06000	✓
		50Hz		VXX:EDVI4=+05000		EDVI4=+05000	✓
		48Hz		VXX:EDVI4=+04800		EDVI4=+04800	✓
		30Hz		VXX:EDVI4=+03000		EDVI4=+03000	✓
		25Hz		VXX:EDVI4=+02500		EDVI4=+02500	✓
		24Hz		VXX:EDVI4=+02400		EDVI4=+02400	✓
	DIGITAL LINK-EDID RESOLUTION / VERTICAL SCAN FREQUENCY	* PARAMETER		VXX:EDLS1=*********:*:****	QVX:EDLS1	EDLS1=*********:*:****	✓
		* PARAMETER1	1024x768	VXX:EDLS1=1024:0768:*:****		EDLS1=1024:0768:*:****	✓
			1280x720	VXX:EDLS1=1280:0720:*:****		EDLS1=1280:0720:*:****	✓
			1280x800	VXX:EDLS1=1280:0800:*:****		EDLS1=1280:0800:*:****	✓
			1280x1024	VXX:EDLS1=1280:1024:*:****		EDLS1=1280:1024:*:****	✓
			1366x768	VXX:EDLS1=1366:0768:*:****		EDLS1=1366:0768:*:****	✓
			1400x1050	VXX:EDLS1=1400:1050:*:****		EDLS1=1400:1050:*:****	✓
			1440x900	VXX:EDLS1=1440:0900:*:****		EDLS1=1440:0900:*:****	✓
			1600x900	VXX:EDLS1=1600:0900:*:****		EDLS1=1600:0900:*:****	✓
			1600x1200	VXX:EDLS1=1600:1200:*:****		EDLS1=1600:1200:*:****	✓
			1680x1050	VXX:EDLS1=1680:1050:*:****		EDLS1=1680:1050:*:****	✓
			1920x1080	VXX:EDLS1=1920:1080:*:****		EDLS1=1920:1080:*:****	✓
			1920x1200	VXX:EDLS1=1920:1200:*:****		EDLS1=1920:1200:*:****	✓
		* PARAMETER2	Progressive	VXX:EDLS1=*********:p:****		EDLS1=*********:p:****	✓
			Interlace	VXX:EDLS1=*********:i:****		EDLS1=*********:i:****	✓
		* PARAMETER3	60Hz	VXX:EDLS1=*********:*:6000		EDLS1=*********:*:6000	✓
			50Hz	VXX:EDLS1=*********:*:5000		EDLS1=*********:*:5000	✓
			48Hz	VXX:EDLS1=*********:*:4800		EDLS1=*********:*:4800	✓
			30Hz	VXX:EDLS1=*********:*:3000		EDLS1=*********:*:3000	✓
			25Hz	VXX:EDLS1=*********:*:2500		EDLS1=*********:*:2500	✓
			24Hz	VXX:EDLS1=*********:*:2400		EDLS1=*********:*:2400	✓
	DIGITAL LINK-EDID STATUS RESOLUTION / VERTICAL SCAN FREQUENCY	* PARAMETER			QVX:ESLS1	ESLS1=*********:*:****	✓
		* PARAMETER1	1024x768			ESLS1=1024:0768:*:****	✓
			1280x720			ESLS1=1280:0720:*:****	✓
			1280x800			ESLS1=1280:0800:*:****	✓
			1280x1024			ESLS1=1280:1024:*:****	✓
			1366x768			ESLS1=1366:0768:*:****	✓
			1400x1050			ESLS1=1400:1050:*:****	✓
			1440x900			ESLS1=1440:0900:*:****	✓
			1600x900			ESLS1=1600:0900:*:****	✓
			1600x1200			ESLS1=1600:1200:*:****	✓
			1680x1050			ESLS1=1680:1050:*:****	✓
			1920x1080			ESLS1=1920:1080:*:****	✓
			1920x1200			ESLS1=1920:1200:*:****	✓
		* PARAMETER2	Progressive			ESLS1=*********:p:****	✓
			Interlace			ESLS1=*********:i:****	✓
		* PARAMETER3	60Hz			ESLS1=*********:*:6000	✓
			50Hz			ESLS1=*********:*:5000	✓
			48Hz			ESLS1=*********:*:4800	✓
			30Hz			ESLS1=*********:*:3000	✓
			25Hz			ESLS1=*********:*:2500	✓
			24Hz			ESLS1=*********:*:2400	✓
	SDI IN-SIGNAL LEVEL	64-940		OED:SDI-LEVEL0	QED:SDI-LEVEL	0	✓
		4-1019		OED:SDI-LEVEL1		1	✓
	SDI IN-SIGNAL LEVEL (SDI1)	64-940		VXX:SSLI1=+00000	QVX:SSLI1	SSLI1=+00000	✓
		4-1019		VXX:SSLI1=+00001		SSLI1=+00001	✓
	SDI IN-BIT DEPTH (SDI1)	AUTO		VXX:SBTI1=+00000	QVX:SBTI1	SBTI1=+00000	✓
		12-bit		VXX:SBTI1=+00001		SBTI1=+00001	✓
		10-bit		VXX:SBTI1=+00002		SBTI1=+00002	✓
	SDI IN-3G SDI MAPPING (SDI1)	AUTO		VXX:SGMI1=+00000	QVX:SGMI1	SGMI1=+00000	✓
		LEVEL A		VXX:SGMI1=+00001		SGMI1=+00001	✓
		LEVEL B		VXX:SGMI1=+00002		SGMI1=+00002	✓
	SDI RESOLUTION	* PARAMETER		VXX:*****=+*****	QVX:*****	*****=+*****	✓
		* PARAMETER1	SDI1	VXX:SRSI1=+*****		SRSI1=+*****	✓
		* PARAMETER2	AUTO	VXX:*****=+00000		*****=+00000	✓
			1280x720p	VXX:*****=+00003		*****=+00003	✓
			1920x1080i	VXX:*****=+00005		*****=+00005	✓
			1920x1080p	VXX:*****=+00006		*****=+00006	✓
			1920x1080sF	VXX:*****=+00007		*****=+00007	✓
			2048x1080p	VXX:*****=+00009		*****=+00009	✓
	SDI SYSTEM SELECTOR	* PARAMETER		VXX:SYSS1=*:****:*****	QVX:SYSS1=*:****	SYSS1=*:****:*****	✓
		* PARAMETER1, 2	SDI1	VXX:SYSS1=1:1		SYSS1=1:1:*****	✓
		* PARAMETER3	AUTO	VXX:SYSS1=*:****:00000		SYSS1=*:****:00000	✓
			RGB	VXX:SYSS1=*:****:00001		SYSS1=*:****:00001	✓
			YPbPr4:4:4	VXX:SYSS1=*:****:00002		SYSS1=*:****:00002	✓
			YPbPr4:2:2	VXX:SYSS1=*:****:00003		SYSS1=*:****:00003	✓
	MULTI PROJECTOR SYNC - MODE	OFF		VXX:MPSI1=+00000	QYX:MPSI1	MPSI1=+00000	✓
		MASTER		VXX:MPSI1=+00001		MPSI1=+00001	✓
		SLAVE		VXX:MPSI1=+00002		MPSI1=+00002	✓
	FRAME SYNC SETTING(MULTI PROJECTOR SYNC) - CONTRAST	OFF		VXX:CSYI1=+00000	QVX:CSYI1	CSYI1=+00000	✓
		ON		VXX:CSYI1=+00001		CSYI1=+00001	✓
	MULTI PROJECTOR SYNC - SHUTTER SYNC.	OFF		VXX:SSYI1=+00000	QVX:SSYI1	SSYI1=+00000	✓
		ON		VXX:SSYI1=+00001		SSYI1=+00001	✓
	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	✓

CONTROL COMMANDS

				CONTROL	QUERY		MZ10K SERIES
CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	COMMANDS/CALL BACK	COMMANDS	CALL BACK	MZ16K MZ13K MZ10K
		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:OSRI1=+00000	QVX:OSRI1	OSRI1=+00000	✓
		CLOCKWISE		VXX:OSRI1=+00001		OSRI1=+00001	✓
		COUNTER CLOCKWISE		VXX:OSRI1=+00002		OSRI1=+00002	✓
	OSD MEMORY	OFF		VXX:OMYI0=+00000	QVX:OMYI0	OMYI0=+00000	✓
		ON		VXX:OMYI0=+00001		OMYI0=+00001	✓
	ON SCREEN	OFF		OOS:0	QOS	0	✓
		ON		OOS:1		1	✓
	WARNING MESSAGE	OFF		VXX:WMDI0=+00000	QVX:WMDI0	WMDI0=+00000	✓
		ON		VXX:WMDI0=+00001		WMDI0=+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	✓
	MENU MODE	NORMAL		VXX:MMDI1=+00000	QVX:MMDI1	MMDI1=+00000	✓
		SIMPLE		VXX:MMDI1=+00001		MMDI1=+00001	✓
	IMAGE ROTATION	OFF		VXX:IROI1=+00000	QVX:IROI1	IROI1=+00000	✓
		CLOCKWISE		VXX:IROI1=+00001		IROI1=+00001	✓
		COUNTER CLOCKWISE		VXX:IROI1=+00002		IROI1=+00002	✓
	SCREEN SETTING	16:10		VSF:0	QSF	0	✓
		16:9		VSF:1		1	✓
		4:3		VSF:2		2	✓
	SCREEN POSITION-VERTICAL	*min.*		VXX:VSPI0=-00120	QVX:VSPI0	VSPI0=-00120	-60
		max.		VXX:VSPI0=+00120		VSPI0=+00120	60
	SCREEN POSITION-HOROZONTAL	*min.*		VXX:HSPI0=-00320	QVX:HSPI0	HSPI0=-00320	-160
		max.		VXX:HSPI0=+00320		HSPI0=+00320	+160
	STARTUP LOGO	OFF		MLO:0	QLO	0	✓
		USER LOGO		MLO:1		1	✓
		DEFAULT LOGO		MLO:2		2	✓
	UNIFORMITY-PC CORRECTION *	OFF		VXX:UFMI1=+00000	QVX:UFMI1	UFMI1=+00000	✓
		ON(PC)		VXX:UFMI1=+00001		UFMI1=+00001	✓
		ON(USER)		VXX:UFMI1=+00101		UFMI1=+00101	✓
	UNIFORMITY - USER CORRECTION - ADJUSTMENT LEVEL	1		VXX:UFMI4=+00001	QVX:UFMI4	UFMI4=+00001	✓
		7		VXX:UFMI4=+00007		UFMI4=+00007	✓
	UNIFORMITY - USER CORRECTION - TEST PATTERN	OFF		VXX:UFMI5=+00000	QVX:UFMI5	UFMI5=+00000	✓
		ON		VXX:UFMI5=+00001		UFMI5=+00001	✓
	UNIFORMITY - USER CORRECTION - ADJUSTMENT POSITION	* PARAMETER		VXX:UFMS6=*:*:******	QVX:UFMS6=*:*	UFMS6=*:*:******	✓
		* PARAMETER1	UPPER LEFT	VXX:UFMS6=0:*:******		UFMS6=0:*:******	✓
			UPPER RIGHT	VXX:UFMS6=1:*:******		UFMS6=1:*:******	✓
			LOWER LEFT	VXX:UFMS6=2:*:******		UFMS6=2:*:******	✓
			LOWER RIGHT	VXX:UFMS6=3:*:******		UFMS6=3:*:******	✓
			UPPER	VXX:UFMS6=4:*:******		UFMS6=4:*:******	✓
			LOWER	VXX:UFMS6=5:*:******		UFMS6=5:*:******	✓
			LEFT	VXX:UFMS6=6:*:******		UFMS6=6:*:******	✓
			RIGHT	VXX:UFMS6=7:*:******		UFMS6=7:*:******	✓
		* PARAMETER2	RED	VXX:UFMS6=*:R:******		UFMS6=*:R:******	✓
			GREEN	VXX:UFMS6=*:G:******		UFMS6=*:G:******	✓
			BLUE	VXX:UFMS6=*:B:******		UFMS6=*:B:******	✓
		* PARAMETER3	-31	VXX:UFMS6=*:*:-00031		UFMS6=*:*:-00031	✓
			0	VXX:UFMS6=*:*:+00000		UFMS6=*:*:+00000	✓
			+31	VXX:UFMS6=*:*:+00031		UFMS6=*:*:+00031	✓
	UNIFORMITY - USER CORRECTION - ADJUSTMENT POSITION - INITILIZE	EXECUTE		VXX:UFMI7=+00001			✓
	UNIFORMITY-WHITE/RED/GREEN/RED	* PARAMETER		E$W:*,****,****,**	E$R:*,**	**,****,****	✓
		* PARAMETER 1	WHITE	E$W:W,****,****,**	E$R:W,**	**,****,****	✓
			RED	E$W:R,****,****,**	E$R:R,**	**,****,****	✓
			GREEN	E$W:G,****,****,**	E$R:G,**	**,****,****	✓
			BLUE	E$W:B,****,****,**	E$R:B,**	**,****,****	✓
		* PARAMETER 2	VERTICAL(-127)	E$W:*,-127,****,**	E$R:*,**	**,-127,****	✓
			VERTICAL(+127)	E$W:*,+127,****,**	E$R:*,**	**,+127,****	✓
		* PARAMETER 3	HORIZONTAL(-127)	E$W:*,****,-127,**	E$R:*,**	**,****,-127	✓
			HOROZONTAL(+127)	E$W:*,****,+127,**	E$R:*,**	**,****,+127	✓
		* PARAMETER 4	L1(OFF)	E$W:*,****,****,0*	E$R:*,0*	0*,****,****	✓
			L1(ON)	E$W:*,****,****,1*	E$R:*,1*	1*,****,****	✓
			L2(OFF)	E$W:*,****,****,*0	E$R:*,*0	*0,****,****	✓
			L2(ON)	E$W:*,****,****,*1	E$R:*,*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:SEFI3=+00000	QVX:SEFI3	SEFI3=+00000	✓
		CLOSE		VXX:SEFI3=+00001		SEFI3=+00001	✓
	BACK COLOR	BLUE		OBC:0	QBC	0	✓
		BLACK		OBC:1		1	✓
		USER LOGO		OBC:2		2	✓
		DEFAULT LOGO		OBC:3		3	✓
	WAVEFORM MONITOR	OFF		OWM:0	QWM	0	✓
		LUMINANCE		OWM:5		5	✓
		RED		OWM:6		6	✓
		GREEN		OWM:7		7	✓
		BLUE		OWM:8		8	✓
	WAVEFORM MONITOR-LINE ADJ.	0		VXX:WMLI0=+00000	QVX:WMLI0	WMLI0=+00000	✓
		+2159		VXX:WMLI0=+02159		WMLI0=+02159	✓
	AC VOLTAGE				QVX:VMOI2	VMOI2=+00000	✓

CONTROL COMMANDS

				CONTROL	QUERY		MZ10K SERIES
CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	COMMANDS/CALL BACK	COMMANDS	CALL BACK	MZ16K MZ13K MZ10K
						VMOI2=+99999	✓
	CUT OFF-RED	OFF		VXX:CUTI1=+00000	QVX:CUTI1	CUTI1=+00000	✓
		ON		VXX:CUTI1=+00001		CUTI1=+00001	✓
	CUT OFF-GREEN	OFF		VXX:CUTI2=+00000	QVX:CUTI2	CUTI2=+00000	✓
		ON		VXX:CUTI2=+00001		CUTI2=+00001	✓
	CUT OFF-BLUE	OFF		VXX:CUTI3=+00000	QVX:CUTI3	CUTI3=+00000	✓
		ON		VXX:CUTI3=+00001		CUTI3=+00001	✓
	STATUS			STS			✓
	PROJECTOR ID	0(ALL)		RIS:00			✓
		64		RIS:64			✓
	ID ALL	OFF		RVS:0	QVY	0	✓
		ON		RVS:1		1	✓
	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:PJMI2	PJMI2=+00000	✓
		REAR/DESK				PJMI2=+00001	✓
		FRONT/CEILING				PJMI2=+00002	✓
		REAR/CEILING				PJMI2=+00003	✓
	AUTO COOLING CONDITION-STATUS	FLOOR			QVX:ADRI1	ADRI1=+00000	✓
		CEILING				ADRI1=+00001	✓
		VERTICAL UP				ADRI1=+00002	✓
		VERTICAL DOWN				ADRI1=+00003	✓
		PORTRAIT				ADRI1=+00004	✓
	OPERATING MODE	NORMAL		VXX:OPEI1=+00000	QVX:OPEI1	OPEI1=+00000	✓
		QUIET1(QUIET)		VXX:OPEI1=+00021		OPEI1=+00021	✓
		USER1(USER)		VXX:OPEI1=+00101		OPEI1=+00101	✓
		USER2		VXX:OPEI1=+00102		OPEI1=+00102	✓
		USER3		VXX:OPEI1=+00103		OPEI1=+00103	✓
	LIGHT OUTPUT	*min.*		VXX:LOPI2=+00050	QVX:LOPI2	LOPI2=+00050	8%
		max.		VXX:LOPI2=+01000		LOPI2=+01000	100%
	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 PIRIOD	30MIN.		VXX:QSUI2=+00030	QVX:QSUI2	QSUI2=+00030	✓
		60MIN.		VXX:QSUI2=+00060		QSUI2=+00060	✓
		90MIN.		VXX:QSUI2=+00090		QSUI2=+00090	✓
	SCHEDULE	OFF		VXX:SCHI0=+00000	QVX:SCHI0	SCHI0=+00000	✓
		ON		VXX:SCHI0=+00001		SCHI0=+00001	✓
	SCHEDLE-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	✓
		* PARAMETER	SUN	VXX:SPGI0=+0000*	QVX:SPGI0	SPGI0=+0000*	✓
			MON	VXX:SPGI1=+0000*	QVX:SPGI1	SPGI1=+0000*	✓
			TUE	VXX:SPGI2=+0000*	QVX:SPGI2	SPGI2=+0000*	✓
			WED	VXX:SPGI3=+0000*	QVX:SPGI3	SPGI3=+0000*	✓
			THU	VXX:SPGI4=+0000*	QVX:SPGI4	SPGI4=+0000*	✓
			FRI	VXX:SPGI5=+0000*	QVX:SPGI5	SPGI5=+0000*	✓
			SAT	VXX:SPGI6=+0000*	QVX:SPGI6	SPGI6=+0000*	✓
	SCHEDLE-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****	✓
		DVI-D INPUT		VXX:SCCS*=**51****		SCCS*=**51****	✓
		SDI1 INPUT		VXX:SCCS*=**52****		SCCS*=**52****	✓
		HDMI1 INPUT		VXX:SCCS*=**53****		SCCS*=**53****	✓
		NORMAL		VXX:SCCS*=**70****		SCCS*=**70****	✓
		USER1(USER)		VXX:SCCS*=**75****		SCCS*=**75****	✓
		USER2		VXX:SCCS*=**76****		SCCS*=**76****	✓
		USER3		VXX:SCCS*=**77****		SCCS*=**77****	✓
		SILENT1(QUIET1/QUIET)		VXX:SCCS*=**7A****		SCCS*=**7A****	✓
		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****	✓
		QUICK STARTUP OFF		VXX:SCCS*=**A2****		SCCS*=**A2****	✓
		QUICK STARTUP ON		VXX:SCCS*=**A3****		SCCS*=**A3****	✓
		* PARAMETER1	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=********	✓
		* PARAMETER2	COMMAND 1	VXX:SCCS*=01******	QVX:SCCS*=01	SCCS*=01******	✓
			COMMAND 16	VXX:SCCS*=16******	QVX:SCCS*=16	SCCS*=16******	✓
		* PARAMETER3	00:00	VXX:SCCS*=****0000		SCCS*=****0000	✓
			23:59	VXX:SCCS*=****2359		SCCS*=****2359	✓
	STARTUP INPUT SELECT	RGB1		VXX:SISS1=RG1	QVX:SISS1	SISS1=RG1	✓
		DVI-D		VXX:SISS1=DVI		SISS1=DVI	✓
		HDMI1		VXX:SISS1=HD1		SISS1=HD1	✓
		DIGITAL LINK		VXX:SISS1=DL1		SISS1=DL1	✓
		SDI1		VXX:SISS1=SD1		SISS1=SD1	✓
		LAST USED		VXX:SISS1=LSU		SISS1=LSU	✓
	STARTUP INPUT SELECT (DIGITAL LINK)	LAST USED		VXX:SISI2=+00000	QVX:SISI2	SISI2=+00000	✓
		INPUT1		VXX:SISI2=+00001		SISI2=+00001	✓
		INPUT2		VXX:SISI2=+00002		SISI2=+00002	✓
		INPUT3		VXX:SISI2=+00003		SISI2=+00003	✓
		INPUT4		VXX:SISI2=+00004		SISI2=+00004	✓
		INPUT5		VXX:SISI2=+00005		SISI2=+00005	✓
		INPUT6		VXX:SISI2=+00006		SISI2=+00006	✓
		INPUT7		VXX:SISI2=+00007		SISI2=+00007	✓
		INPUT8		VXX:SISI2=+00008		SISI2=+00008	✓
		INPUT9		VXX:SISI2=+00009		SISI2=+00009	✓
		INPIT10		VXX:SISI2=+00010		SISI2=+00010	✓

CONTROL COMMANDS

				CONTROL	QUERY		MZ10K SERIES
CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	COMMANDS/CALL BACK	COMMANDS	CALL BACK	MZ16K MZ13K MZ10K
PROJECTOR SETUP	RS232C-RESPONSE	OFF		RVS:0	QVY	0	✓
		ON		RVS:1		1	✓
	NO SIGNAL SHUT-OFF	DISABLE		OAF:00	QAF	00	✓
		10min		OAF:10		10	✓
		20min		OAF:20		20	✓
		30min		OAF:30		30	✓
		40min		OAF:40		40	✓
		50min		OAF:50		50	✓
		60min		OAF:60		60	✓
		70min		OAF:70		70	✓
		80min		OAF:80		80	✓
		90min		ODR:90		90	✓
	NO SIGNAL LIGHTS-OUT	DISABLE		VXX:SLOI1=+00000	QVX:SLOI1	SLOI1=+00000	✓
		10SEC.		VXX:SLOI1=+00010		SLOI1=+00010	✓
		20SEC.		VXX:SLOI1=+00020		SLOI1=+00020	✓
		30SEC.		VXX:SLOI1=+00030		SLOI1=+00030	✓
		1MIN.		VXX:SLOI1=+00060		SLOI1=+00060	✓
		2MIN.		VXX:SLOI1=+00120		SLOI1=+00120	✓
		3MIN.		VXX:SLOI1=+00180		SLOI1=+00180	✓
		5MIN.		VXX:SLOI1=+00300		SLOI1=+00300	✓
	NO SIGNAL SETTING - SECONDARY INPUT	OFF		VXX:SINS1=OFF	QVX:SINS1	SINS1=OFF	✓
		PC1		VXX:SINS1=PC1			✓
		RGB1		VXX:SINS1=RG1		SINS1=RG1	✓
		DVI		VXX:SINS1=DVI		SINS1=DVI	✓
		HDMI1		VXX:SINS1=HD1		SINS1=HD1	✓
		SDI		VXX:SINS1=SDI			✓
		SDI1		VXX:SINS1=SD1		SINS1=SD1	✓
		DIGITAL LINK		VXX:SINS1=DL1		SINS1=DL1	✓
	REMOTE2 - MODE	DEFAULT		VXX:RMPI0=+00000	QVX:RMPI0	RMPI0=+00000	✓
		USER		VXX:RMPI0=+00001		RMPI0=+00001	✓
	REMOTE2 - PIN2	NONE		VXX:RMPS1=P2<NONE	QVX:RMPS1=P2	RMPS1=P2<NONE	✓
		POWER		VXX:RMPS1=P2<POWER		RMPS1=P2<POWER	✓
	REMOTE2 - PIN3 - 7	* PARAMETER		VXX:RMPS1=P*<*****	QVX:RMPS1=P*		✓
		* PARAMETER1	PIN3	VXX:RMPS1=P3<*****		RMPS1=P3<*****	✓
			PIN4	VXX:RMPS1=P4<*****		RMPS1=P4<*****	✓
			PIN5	VXX:RMPS1=P5<*****		RMPS1=P5<*****	✓
			PIN6	VXX:RMPS1=P6<*****		RMPS1=P6<*****	✓
			PIN7	VXX:RMPS1=P7<*****		RMPS1=P7<*****	✓
		* PARAMETER2	NONE	VXX:RMPS1=P*<NONE		RMPS1=P*<NONE	✓
			RGB1	VXX:RMPS1=P*<RGB1		RMPS1=P*<RGB1	✓
			HDMI	VXX:RMPS1=P*<HDMI		RMPS1=P*<HDMI	✓
			HDMI1	VXX:RMPS1=P*<HDMI1		RMPS1=P*<HDMI1	✓
			SDI1	VXX:RMPS1=P*<SD1		RMPS1=P*<SD1	✓
			DIGITAL LINK	VXX:RMPS1=P*<DLINK		RMPS1=P*<DLINK	✓
	REMOTE2 - PIN8	NONE	NONE	VXX:RMPS1=P8<NONE	QVX:RMPS1=P8	RMPS1=P8<NONE	✓
		SHUTTER	SHUTTER	VXX:RMPS1=P8<SHUTTER		RMPS1=P8<SHUTTER	✓
	FUNCTION BUTTON	DISABLE		OFC:0	QFC	0	✓
		SYSTEM SELECTOR		OFC:1		1	✓
		SYSTEM DAYLIGHT VIEW		OFC:2		2	✓
		SUB MEMORY		OFC:3		3	✓
		FREEZE		OFC:4		4	✓
		WAVEFORM MONITOR		OFC:6		6	✓
		LENS MEMORY LOAD		OFC:7		7	✓
		PROJECTION METHOD		OFC:10		10	✓
		GEOMETRY		OFC:13		13	✓
		OSD POSITION		OFC:14		14	✓
	DATE AND TIME-DATE SETTING	Year: yyyy		TSD:201506151	QGD	201506161	✓
		Month: mm		TSD:*yyyymmddw*		*yyyymmddw*	✓
		Date: dd					✓
		Day:w(1~7:Mon~Sun)					✓
	DATE AND TIME-TIME SETTING	Hour: hh		TST:154503	QGT	154503	✓
		Minute: mm		TST:*hhmmss*		*hhmmss*	✓
		Second: ss					✓
	DATE AND TIME-NTP SYNCHRONIZATION	OFF		VXX:NTPI0=+00000	QVX:NTPI0	NTPI0=+00000	✓
		ON		VXX:NTPI0=+00001		NTPI0=+00001	✓
	LENS CALIBRATION	EXECUTE (ALL)		VXX:LNSI0=+00001			✓
	LENS MEMORY1 NAME CHANGE	*LENSMEMORY1*		VXX:NCGS5=*LENSMEMORY1*	QVX:NCGS5	NCGS5=*LENSMEMORY1*	✓
	LENS MEMORY2 NAME CHANGE	*LENSMEMORY2*		VXX:NCGS6=*LENSMEMORY2*	QVX:NCGS6	NCGS6=*LENSMEMORY2*	✓
	LENS MEMORY3 NAME CHANGE	*LENSMEMORY3*		VXX:NCGS7=*LENSMEMORY3*	QVX:NCGS7	NCGS7=*LENSMEMORY3*	✓
	LENS MEMORY4 NAME CHANGE	*LENSMEMORY4*		VXX:NCGS9=*LENSMEMORY4*	QVX:NCGS9	NCGS9=*LENSMEMORY4*	✓
	LENS MEMORY5 NAME CHANGE	*LENSMEMORY5*		VXX:NCGSA=*LENSMEMORY5*	QVX:NCGSA	NCGSA=*LENSMEMORY5*	✓
	LENS MEMORY6 NAME CHANGE	*LENSMEMORY6*		VXX:NCGSB=*LENSMEMORY6*	QVX:NCGSB	NCGSB=*LENSMEMORY6*	✓
	LENS MEMORY7 NAME CHANGE	*LENSMEMORY7*		VXX:NCGSC=*LENSMEMORY7*	QVX:NCGSC	NCGSC=*LENSMEMORY7*	✓
	LENS MEMORY8 NAME CHANGE	*LENSMEMORY8*		VXX:NCGSD=*LENSMEMORY8*	QVX:NCGSD	NCGSD=*LENSMEMORY8*	✓
	LENS MEMORY9 NAME CHANGE	*LENSMEMORY9*		VXX:NCGSE=*LENSMEMORY9*	QVX:NCGSE	NCGSE=*LENSMEMORY9*	✓
	LENS MEMORY10 NAME CHANGE	*LENSMEMORY10*		VXX:NCGSF=*LENSMEMORY10*	QVX:NCGSF	NCGSF=*LENSMEMORY10*	✓
	LENS MEMORY-LOAD	LENS MEMORY1		VXX:LNMI1=+00000			✓
		LENS MEMORY2		VXX:LNMI1=+00001			✓
		LENS MEMORY3		VXX:LNMI1=+00002			✓
		LENS MEMORY4		VXX:LNMI1=+00003			✓
		LENS MEMORY5		VXX:LNMI1=+00004			✓
		LENS MEMORY6		VXX:LNMI1=+00005			✓
		LENS MEMORY7		VXX:LNMI1=+00006			✓
		LENS MEMORY8		VXX:LNMI1=+00007			✓
		LENS MEMORY9		VXX:LNMI1=+00008			✓
		LENS MEMORY10		VXX:LNMI1=+00009			✓
	LENS MEMORY-SAVE	LENS MEMORY1		VXX:LNMI2=+00000			✓
		LENS MEMORY2		VXX:LNMI2=+00001			✓
		LENS MEMORY3		VXX:LNMI2=+00002			✓
		LENS MEMORY4		VXX:LNMI2=+00003			✓
		LENS MEMORY5		VXX:LNMI2=+00004			✓
		LENS MEMORY6		VXX:LNMI2=+00005			✓
		LENS MEMORY7		VXX:LNMI2=+00006			✓
		LENS MEMORY8		VXX:LNMI2=+00007			✓
		LENS MEMORY9		VXX:LNMI2=+00008			✓
		LENS MEMORY10		VXX:LNMI2=+00009			✓
	LENS MEMORY-DELETE	LENS MEMORY1		VXX:LNMI3=+00000			✓
		LENS MEMORY2		VXX:LNMI3=+00001			✓
		LENS MEMORY3		VXX:LNMI3=+00002			✓
		LENS MEMORY4		VXX:LNMI3=+00003			✓
		LENS MEMORY5		VXX:LNMI3=+00004			✓
		LENS MEMORY6		VXX:LNMI3=+00005			✓
		LENS MEMORY7		VXX:LNMI3=+00006			✓
		LENS MEMORY8		VXX:LNMI3=+00007			✓
		LENS MEMORY9		VXX:LNMI3=+00008			✓
		LENS MEMORY10		VXX:LNMI3=+00009			✓
	LENS MEMORY1-DEFAULT NAME	*LENSMEMORY1*		VXX:NCLI5=+00000			✓
	LENS MEMORY2-DEFAULT NAME	*LENSMEMORY2*		VXX:NCLI6=+00000			✓
	LENS MEMORY3-DEFAULT NAME	*LENSMEMORY3*		VXX:NCLI7=+00000			✓
	LENS MEMORY4-DEFAULT NAME	*LENSMEMORY4*		VXX:NCLI9=+00000			✓
	LENS MEMORY5-DEFAULT NAME	*LENSMEMORY5*		VXX:NCLIA=+00000			✓
	LENS MEMORY6-DEFAULT NAME	*LENSMEMORY6*		VXX:NCLIB=+00000			✓
	LENS MEMORY7-DEFAULT NAME	*LENSMEMORY7*		VXX:NCLIC=+00000			✓

CONTROL COMMANDS

				CONTROL	QUERY		MZ10K SERIES
CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	COMMANDS/CALL BACK	COMMANDS	CALL BACK	MZ16K MZ13K MZ10K
	LENS MEMORY8-DEFAULT NAME	*LENSMEMORY8*		VXX:NCLID=+00000			✓
	LENS MEMORY9-DEFAULT NAME	*LENSMEMORY9*		VXX:NCLIE=+00000			✓
	LENS MEMORY10-DEFAULT NAME	*LENSMEMORY10*		VXX:NCLIF=+00000			✓
	INITIALIZE-ALL USER DATA	USER INITILIZE		VXX:RSTS1=0*password*			✓
		USER RESTORE		VXX:RSTS1=1*password*			✓
	INITIAL START UP	STANDBY		OPY:0	QPY	0	✓
		ON		OPY:1		1	✓
		LAST MEMORY		OPY:2		2	✓
	FILTER COUNTER-TIMER	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	✓
		16000H		VXX:FCTI1=+20000		FCTI1=+20000	✓
	FILTER COUNTER-RESET			VXX:FCTI2=+00000			✓
	MODEL NAME	*MODEL NAME*			QID	*MODELNAME*	✓
	SERIAL NUMBER	SW0101234			QSN	*SW0101234*	✓
	PROJECTOR RUNTIME	7864320H			QVX:RTMS1	RTMS1=7864320	✓
	LAMP1(LIGHT1) RUNTIME	9999H			Q$L:1	9999	✓
	LAMP2(LIGHT2) RUNTIME	9999H			Q$L:2	9999	✓
	LIGHT1 RUNTIME	7864320H			QVX:LRTS3=00	LRTS3=00:7864320	✓
	LIGHT2 RUNTIME	7864320H			QVX:LRTS3=01	LRTS3=01:7864320	✓
	LIGHT STATUS	ALL OFF			QLS	0	✓
		1:ON, 2:OFF				1	✓
		1:OFF, 2:ON				2	✓
		ALL ON				3	✓
	CONTINUOUS LIGHTING TIME	7864320H00M			QVX:CLTS1	CLTS1=7864320:00	✓
	LAMP(LIGHT) CONTROL STATUS	LAMP OFF			Q$S	0	✓
		In turning ON				1	✓
		LAMP ON				2	✓
		LAMP Cooling				3	✓
	POWER STATUS	POWER OFF			QVX:POWI1	POWI1=+00001	✓
		In turning ON				POWI1=+00002	✓
		POWER ON				POWI1=+00003	✓
		Cooling				POWI1=+00004	✓
	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	✓
	INPUT SIGNAL NAME	CHANNEL1 (MAIN CH)			QVX:NSGS1	NSGS1=*****……	✓
	TEMPERATURE (INTAKE)	0030/0080			QTM:0	0030/0080	✓
	TEMPERATURE (EXHAUST AIR)	0030/0080			QTM:1	0030/0080	✓
	TEMPERATURE (LIGHT1 / LIGHT1-	0030/0080			QTM:11	0030/0080	✓
	TEMPERATURE (LIGHT2 / LIGHT1-	0030/0080			QTM:12	0030/0080	✓
	LAN data Cloning Write protect	OFF		LCL:WRP0	QCL:WRP	QCL:WRP0	✓
		ON		LCL:WRP1		QCL:WRP1	✓
	INFO MONITOR SETTING -	OFF		VXX:INFI1=+00000	QVX:INFI1	INFI1=+00000	✓
		USER VIEW		VXX:INFI1=+00001		INFI1=+00001	✓
	INFO MONITOR SETTING - USER	INPUT		VXX:INFS2=01:*****	QVX:INFS2=01	INFS2=01:*****	✓
		SIGNAL		VXX:INFS2=02:*****	QVX:INFS2=02	INFS2=02:*****	✓
		AC VOLTAGE		VXX:INFS2=03:*****	QVX:INFS2=03	INFS2=03:*****	✓
		INTAKE AIR TEMP.		VXX:INFS2=04:*****	QVX:INFS2=04	INFS2=04:*****	✓
		EXHAUST AIR TEMP.		VXX:INFS2=05:*****	QVX:INFS2=05	INFS2=05:*****	✓
		SHUTTER		VXX:INFS2=06:*****	QVX:INFS2=06	INFS2=06:*****	✓
		OSD		VXX:INFS2=07:*****	QVX:INFS2=07	INFS2=07:*****	✓
		IP ADDRESS		VXX:INFS2=08:*****	QVX:INFS2=08	INFS2=08:*****	✓
		OFF		VXX:INFS2=**:00000			✓
		ON		VXX:INFS2=**:00001			✓
	INFO MONITOR SETTING -	AUTO		VXX:INFI3=+00000	QVX:INFI3	INFI3=+00000	✓
		NORMAL		VXX:INFI3=+00001		INFI3=+00001	✓
		FLIPPED		VXX:INFI3=+00002		INFI3=+00002	✓
	INFO MONITOR SETTING -	30%		VXX:INFI4=+00030	QVX:INFI4	INFI4=+00030	✓
		100%		VXX:INFI4=+00100		INFI4=+00100	✓
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	✓
		Color Bar Side		OTS:51		51	✓
		16:9/4:3		OTS:59		59	✓
		Focus Red		OTS:70		70	✓
		Focus Green		OTS:71		71	✓
		Focus Blue		OTS:72		72	✓
		Focus Cyan		OTS:73		73	✓
		Focus Magenta		OTS:74		74	✓
		Focus Yellow		OTS:75		75	✓
		Focus		OTS:78		78	✓
SIGNAL LIST	SIGNAL LIST-REGISTRATION			OEM			✓
	SIGNAL LIST-DELETE	A1		ODM:A1			✓
		A2		ODM:A2			✓
		A7		ODM:A7			✓
		A8		ODM:A8			✓
		L1		ODM:L1			✓
		L2		ODM:L2			✓
		L7		ODM:L7			✓
		L8		ODM:L8			✓
	SUB MEMORY LIST-CHANGEOVER	01		OCS:01			✓
		96		OCS:96			✓
	SUB MEMORY LIST-CHANGEOVER (EXTENDED)	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			✓
	SUB MEMORY USAGE STATE	01			QSB	01	✓
		96				96	✓
	SECURITY SETTING	OFF			QVX:SPWI1	SPWI1=+00000	✓

CONTROL COMMANDS

				CONTROL	QUERY		MZ10K SERIES
CATEGORY	FUNCTION	Parameter/Name	Sub-Parameter	COMMANDS/CALL BACK	COMMANDS	CALL BACK	MZ16K MZ13K MZ10K
SECURITY		ON				SPWI1=+00001	✓
	CONTROL DEVICE SETUP-CONTROL PANEL	DISABLE		VXX:CDSI1=+00000	QVX:CDSI1	CDSI1=+00000	✓
		ENABLE		VXX:CDSI1=+00001		CDSI1=+00001	✓
		USER		VXX:CDSI1=+00002		CDSI1=+00002	✓
	CONTROL DEVICE SETUP-REMOTE CONTROL	DISABLE		VXX:CDSI2=+00000	QVX:CDSI2	CDSI2=+00000	✓
		ENABLE		VXX:CDSI2=+00001		CDSI2=+00001	✓
		USER		VXX:CDSI2=+00002		CDSI2=+00002	✓
NETWORK	DIGITAL LINK MODE	AUTO		VXX:DKMI1=+00001	QVX:DKMI1	DKMI1=+00001	✓
		DIGITAL LINK		VXX:DKMI1=+00002		DKMI1=+00002	✓
		ETHERNET		VXX:DKMI1=+00003		DKMI1=+00003	✓
		LONG REACH MODE		VXX:DKMI1=+00004		DKMI1=+00004	✓
	DIGITAL LINK STATUS-LINK	NO LINK			QVX:DKSI1	DKSI1=+00000	✓
		DIGITAL LINK				DKSI1=+00001	✓
		LPM				DKSI1=+00002	✓
		ETHERNET				DKSI1=+00003	✓
	DIGITAL LINK STATUS-HDCP STATUS	NO SIGNAL			QVX:DKSI2	DKSI2=+00000	✓
		OFF				DKSI2=+00001	✓
		ON				DKSI2=+00002	✓
	DIGITAL LINK STATUS-SIGNAL QUALITY (MIN)	-255			QVX:DKSI3	DKSI3=-00255	✓
		0				DKSI3=+00000	✓
	DIGITAL LINK STATUS-SIGNAL QUALITY (MAX)	-255			QVX:DKSI4	DKSI4=-00255	✓
		0				DKSI4=+00000	✓
	DIGITAL LINK INPUT CH LIST	*HD1:HDMI1,HD2:HDMI2….*			QVX:DL1S1	DL1S1=HD1:HDMI1,****:***	✓
	PROJECTOR NAME SETTING	*PROJECTOR1*		VXX:NCGS8=*PROJECTOR1*	QVX:NCGS8	NCGS8=*PROJECTOR1*	✓
	Art-Net SETUP	OFF		VXX:DANI1=+00000	QVX:DANI1	DANI1=+00000	✓
		ON(2.*.*.*)		VXX:DANI1=+00002		DANI1=+00002	✓
		ON(10.*.*.*)		VXX:DANI1=+00003		DANI1=+00003	✓
		ON(MANUAL)		VXX:DANI1=+00004		DANI1=+00004	✓
	Art-Net SETUP-START ADDRESS	1		VXX:DANI3=+00001	QVX:DANI3	DANI3=+00001	✓
		501		VXX:DANI3=+00501		DANI3=+00501	✓
	Art-Net SETUP-NET	0		VXX:DANI4=+00000	QVX:DANI4	DANI4=+00000	✓
		127		VXX:DANI4=+00127		DANI4=+00127	✓
	Art-Net SETUP-SUB NET	0		VXX:DANI5=+00000	QVX:DANI5	DANI5=+00000	✓
		15		VXX:DANI5=+00015		DANI5=+00015	✓
	Art-Net SETUP-UNIVERS	0		VXX:DANI6=+00000	QVX:DANI6	DANI6=+00000	✓
		15		VXX:DANI6=+00015		DANI6=+00015	✓
	Art-Net SETUP-CHANNEL SETTING	DEFAULT		VXX:DANI8=+00000	QVX:DANI8	DANI8=+00000	✓
		1		VXX:DANI8=+00001		DANI8=+00001	✓
		2		VXX:DANI8=+00002		DANI8=+00002	✓
		USER		VXX:DANI8=+00100		DANI8=+00100	✓

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