

PDP Control Command (via Serial Interface)
Model : PH10(HD), PR10(HD) Series / PS10(SD), PG10(SD) Series

Category	Function	Command			Value of variable of parameter or callback	Explanation of value	
		Control	Inquiry	Response			
Basic controls	Power ON	PON	QPW	QPW.*	0/1	OFF/ON	
	Power OFF	POF					
	Main picture Input Select	IMS:***(*)	QMI	QMI:***(*)	SL1(A/B)/SL2(A/B)/SL3/PC1	Slot1(A/B)/Slot2(A/B)/Slot3/PC	
	Main picture Input Select (toggle)	IMS					
	Audio Volume	AVL.**					
	Volume Up	AUU	QAV	QAV:**	00 - 63	0 - 63	
	Volume Down	AUD					
	Audio Mute	AMT.*	QAM	QAM.*	0/1	OFF/ON	
	Audio Mute (toggle)	AMT					
	Picture Mute	VMT.*	QVM	QVM.*	0/1	OFF/ON	
	Picture Mute (toggle)	VMT					
	Aspect	DAM:****	QAS	QAS:****	ZOOM/FULL/JUST/NORM/SELF	Zoom/Full/Just/Normal/Panasonic Auto Setting	
	Aspect (toggle)	DAM					
	MULTI PIP	Dual picture mode	DWA:***	QDW	QDW:***(*)	(Control) OFF/TWN/POP/PIP/PIN (Inquiry Response) OFF/TWN/POP/PIP(0/1/2/3)/OVL(1/2/3/4/5/6)	(Control) OFF/Picture and Picture/Picture out Picture /Picture in Picture/Picture in Picture (lower right) (Inquiry Response) OFF/Picture and Picture/Picture out Picture /Picture in Picture(lower right/lower left/upper left/upper right)/Advanced PIP(1/2/3/4/5/6)
Sub picture Move		DWA:PIN*	-	-	0/1/2/3	lower right/lower left/upper left/upper right	
Advanced PIP Setup		DWA:OVL*	-	-	1/2/3/4/5/6	Advanced PIP(1/2/3/4/5/6)	
Advanced PIP ON/OFF		DWA:OVL**	QDW:OVL	QDW:OVL**	ON/OFF	ON/OFF	
Dual picture Swap		DWA:SWP	-	-	-	-	
Sub picture Input Select		ISS:***(*)	QSI	QSI:***(*)	SL1(A/B)/SL2(A/B)/SL3/PC1	Slot1(A/B)/Slot2(A/B)/Slot3/PC	
Sub picture Input Select (toggle)		ISS					
Picture Menu		VPC:MEN***	QPC:MEN	QPC:MEN***	STD/DYN/CNM	Standard/Dynamic/Cinema	
Picture		VPC:PIC***	QPC:PIC	QPC:PIC***	-30 - 000 - +30(030)	-30 - 30	
Brightness		VPC:BLK***	QPC:BLK	QPC:BLK***	-30 - 000 - +30(030)	-30 - 30	
Color	VPC:COL***	QPC:COL	QPC:COL***	-30 - 000 - +30(030)	-30 - 30		
TINT	VPC:TIN***	QPC:TIN	QPC:TIN***	-30 - 000 - +30(030)	-30 - 30		
Sharpness	VPC:SHP***	QPC:SHP	QPC:SHP***	-15 - 000 - +15(015)	-15 - 15		
Color Temperature	VPC:TMP***	QPC:TMP	QPC:TMP***	WRM/MID/COL	Warm/Normal/Cool		
Color Management	VPC:PAJ*	QPC:PAJ	QPC:PAJ*	0/1	OFF/ON		
Advanced settings	Technical	VWB:TEC*	QWB:TEC	QWB:TEC*	0/1	OFF/ON	
	Black Extension	VWB:BEX***	QWB:BEX	QWB:BEX***	000 - 008	0 - 8	
	Input Level	VWB:ILV***	QWB:ILV	QWB:ILV***	-32 - 000 - +32(032)	-32 - 32	
	W/B High R	VWB:RDR***	QWB:RDR	QWB:RDR***	-30 - 000 - +30(030)	-30 - 30	
	W/B High G (HD only)	VWB:GDR***	QWB:GDR	QWB:GDR***	-30 - 000 - +30(030)	-30 - 30	
	W/B High B	VWB:BDR***	QWB:BDR	QWB:BDR***	-30 - 000 - +30(030)	-30 - 30	
	W/B Low R	VWB:RCT***	QWB:RCT	QWB:RCT***	-30 - 000 - +30(030)	-30 - 30	
	W/B Low G (HD only)	VWB:GCT***	QWB:GCT	QWB:GCT***	-30 - 000 - +30(030)	-30 - 30	
	W/B Low B	VWB:BCT***	QWB:BCT	QWB:BCT***	-30 - 000 - +30(030)	-30 - 30	
	Gamma	VWB:GMM**	QWB:GMM	QWB:GMM**	20/22/25/SC	2.0/2.2/2.5/S Curve	
	AGC	VWB:AGC*	QWB:AGC	QWB:AGC*	0/1	OFF/ON	
	SOUND adjustment	Audio Menu	AAC:MEN***	QAC:MEN	QAC:MEN***	STD(AUT)/DYN/CLR	Standard/Dynamic/Clear
		Bass	AAC:BAS***	QAC:BAS	QAC:BAS***	-15 - 000 - +15(015)	-15 - 15
		Mid	AAC:MID***	QAC:MID	QAC:MID***	-15 - 000 - +15(015)	-15 - 15
		Treble	AAC:TRE***	QAC:TRE	QAC:TRE***	-15 - 000 - +15(015)	-15 - 15
		Balance	AAC:BAL***	QAC:BAL	QAC:BAL***	-30 - 000 - +30(030)	-30 - 30
		Surround	AAC:SUR***	QAC:SUR	QAC:SUR***	MON/OFF	ON/OFF
		Audio Out (PIP)	ASO.*	QSO	QSO.*	M/S	Main/Sub
Horizontal Position		DGE:HPO****	QGE:HPO	QGE:HPO****	-124 - 0000 - +124(0124)	-124 - 124	
Horizontal Size		DGE:HSZ****	QGE:HSZ	QGE:HSZ****	-124 - 0000 - +124(0124)	-124 - 124	
Vertical Position		DGE:VPO****	QGE:VPO	QGE:VPO****	-124 - 0000 - +124(0124)	-124 - 124	
Vertical Size	DGE:VSZ****	QGE:VSZ	QGE:VSZ****	-062 - 0000 - +062(0062)	-62 - 62		
Clock Phase	DGE:CLK****	QGE:CLK	QGE:CLK****	-016 - 0000 - +016(0016)	-16 - 16		
SET UP	COMPONENT / RGB-IN SELECT	SSU:CM***	QSU:CM	QSU:CM***	YBR/RGB	Component/RGB	
	Input Label	SSU:ILA**	QSU:ILA	QSU:ILA**	INP/VID/CMP/RGB/DIG/PCND/DVD/CTV/VCR/STB	INPUT/VIDEO/COMPONENT/RGB/DIGITAL/PC/DVD/CATV/VCR/STB	
	Power Save	SSU:PSV*	QSU:PSV	QSU:PSV*	0/1	OFF/ON	
	Standby Save	SSU:SSV*	QSU:SSV	QSU:SSV*	0/1	OFF/ON	
	Power Management	SSU:DPM*	QSU:DPM	QSU:DPM*	0/1	OFF/ON	
	Auto Power Off	SSU:AOF*	QSU:AOF	QSU:AOF*	0/1	OFF/ON	
	OSD Language	SSU:LNG***	QSU:LNG	QSU:LNG***	ENG/DEU/FRA/ITL/CHA/USA/ESP/JPN/RUS	English(UK)/German/French/Italian/Chinese/English(US)/Spanish/Japanese/Russian	
	SIGNAL	3D Y/C Filter (NTSC)	SSG:YCS*	QSG:YCS	QSG:YCS*	0/1	OFF/ON
		SYNC Signal setting	SSG:SNC***	QSG:SNC	QSG:SNC***	VID/GRN/HAV	VIDEO/OnG/AUTO
		Color System	SSG:COS***	QSG:COS	QSG:COS***	NTS/PAL/SCMMNT/AUT	NTSC/PAL/SECAM/NTSC/AUTO
3:2 Pull Down		SSG:DCR**	QSG:DCR	QSG:DCR**	0/1	OFF/ON	
Panasonic AUTO (4:3)		SSG:SLF****	QSG:SLF	QSG:SLF****	NORM/JUST	Normal/Just	
Video NR		SSG:VNR**	QSG:VNR	QSG:VNR**	0/1	OFF/ON	
Refresh Rate (HD only)		SSG:RFR***	QSG:RFR	QSG:RFR***	100/050	100Hz/50Hz	
Function		SSC:FNC*	QSC:FNC	QSC:FNC*	0/1	White Scroll Bar/Image Reversal	
Mode		SSC:MOD*	QSC:MOD	QSC:MOD*	0/1/2/3	OFF/Interval/Time Designation/ON	
Interval		SSC:INT	QSC:INT	QSC:INT	0000 - 2359	00:00 - 23:59 (Periodic) 00:00 - 23:59 (Operating Time)	
Time of Day	SSC:TIM	QSC:TIM	QSC:TIM	0000 - 2359	00:00 - 23:59 (Start Time) 00:00 - 23:59 (Finish Time)		
Side Bar Adjust	SSC:SPC*	QSC:SPC	QSC:SPC*	0/1/2/3	OFF/Low/Mid/High		
Wobbling	OSP:WOB*	QSP:WOB	QSP:WOB*	0/1/2	OFF/ON1/ON2		
Peak Limit	SSC:PLT*	QSC:PLT	QSC:PLT*	0/1	OFF/ON		
MULTI DISPLAY SETUP (for SD)	Multi Display Setup	MDC:*	QDC:	QDC:*	0/1	OFF/ON 2x2/3x3/4x4/2x2F/3x3F/4x4F Screen No.(2x2,2x2F,1-4/3x3,3x3F,1-9/4x4,4x4F,1-16)	
	Multi Display ON/OFF	MDC:*	-	-	0/1	OFF/ON	
	Power ON Screen Delay	MDC:POD*	QDC:POD	QDC:POD*	1/0	ON/OFF	
SET UP TIMER	Power ON Time	TIM:PON****	QIM:PON	QIM:PON****	0/1, 0000 - 2359	OFF/ON, 00:00 - 23:59	
	Power OFF Time	TIM:POF****	QIM:POF	QIM:POF****	0/1, 0000 - 2359	OFF/ON, 00:00 - 23:59	
PRESENT TIME SETUP	Present Day (HD only)	TIM:DAY***	QIM:DAY	QIM:DAY***	MON/TUE/WED/THU/FRI/SAT/SUN	MON/TUE/WED/THU/FRI/SAT/SUN	
	Present Time of Day	TIM:NOW0****	QIM:NOW	QIM:NOW0****	0000 - 2359	00:00 - 23:59	
Options	Function ON/OFF	TIW:FNC*	QIW:FNC	QIW:FNC*	1/0	ON/OFF	
	Program set for the day of the week	TIW:DPS	-	-	MON/TUE/WED/THU/FRI/SAT/SUN 1 - 7	MONDAY/TUESDAY/WEDNESDAY/THURSDAY/FRIDAY/SATURDAY/SUNDAY PROGRAM1 - PROGRAM7	
	Program set for whole week	TIW:WPS	QIW:WPS	QIW:WPS	1 - 7/ * 1 - 7/ * 1 - 7/ * 1 - 7/ * 1 - 7/ *	PROGRAM1 - PROGRAM7/--- (for Monday) PROGRAM1 - PROGRAM7/--- (for Tuesday) PROGRAM1 - PROGRAM7/--- (for Wednesday) PROGRAM1 - PROGRAM7/--- (for Thursday) PROGRAM1 - PROGRAM7/--- (for Friday) PROGRAM1 - PROGRAM7/--- (for Saturday) PROGRAM1 - PROGRAM7/--- (for Sunday)	
		TIW:PRG	QIW:PRG	QIW:PRG	1 - 7 * 01 - 64 **** 0000 - 2359/--- *** S01 - S64/U01 - U64/---	PROGRAM1 - PROGRAM7 Command No. (01 - 64) 00:00 - 23:59/--- Command Index (S01-S64, U01-U64)	
		TIW:CMD	QIW:CMD	QIW:CMD	U01 - U64 *****	User Command Index (U01-U64) Configuration for User Command (*: maximum 15)	
		Off-timer function	OSP:OFT*	QSP:OFT	QSP:OFT*	0/1	Disable/Enable
		Onscreen display	OSP:OSD*	QSP:OSD	QSP:OSD*	0/1	Disable/Enable
		Initial INPUT	OSP:IIN***(*)	QSP:IIN	QSP:IIN***(*)	OFF/SL1(A/B)/SL2(A/B)/SL3/PC1	OFF/Slot1(A/B)/Slot2(A/B)/Slot3/PC
		Initial VOL level	OSP:IVL***	QSP:IVL	QSP:IVL***	0/1, 00 - 63	OFF/ON, 0 - 63
	Maximum VOL level	OSP:MVL***	QSP:MVL	QSP:MVL***	0/1, 00 - 63	OFF/ON, 0 - 63	
INPUT lock	OSP:INL***(*)	QSP:INL	QSP:INL***(*)	OFF/SL1(A/B)/SL2(A/B)/SL3/PC1	OFF/Slot1(A/B)/Slot2(A/B)/Slot3/PC		
Studio W/B	OSP:SWB*	QSP:SWB	QSP:SWB*	0/1	OFF/ON		
Button lock	OSP:BTL**	QSP:BTL	QSP:BTL**	OFF/MEN/ALL	OFF/MENU&ENTER/ON		
Remocon User level	OSP:RCM*	QSP:RCM	QSP:RCM*	0/1/2/3	OFF/User1/User2/User3		
ID select	-	-	-	-	-		
Remote ID	-	-	-	-	-		
Serial ID	-	-	-	-	-		
Slot power	OSP:SLP**	QSP:SLP	QSP:SLP**	ON/AUTO/OFF	ON/AUTO/OFF		
V Installation	OSP:VIN*	QSP:VIN	QSP:VIN*	0/1	OFF/ON		
Rotate	OSP:ROT*	QSP:ROT	QSP:ROT*	0/1	OFF/ON		
Display Size	DGE:SCN***	QGE:SCN	QGE:SCN***	0/1	OFF/ON		
Serial slot select	OSP:SSS***	QSP:SSS	QSP:SSS***	SL1/SL2/SL3	Slot1/Slot2/Slot3		
Initial Power Mode (HD only)	OSP:IPM***	QSP:IPM	QSP:IPM***	NOR/PON/STB	Normal/ON/Standby		
Studio Gain (HD only)	OSP:SGA*	QSP:SGA	QSP:SGA*	0/1	OFF/ON		
Others	OSD Clear	VDO	-	-	-	-	
	Picture frequency Horizontal & Vertical	-	QFR	QFR: H***. V***.	000.0 - 999.9 000.0 - 999.9	Horizontal Frequency of Main Picture(KHz), Vertical Frequency of Main Picture(Hz)	
		-	QFR	QFR: H***.V***. H***.V***.	000.0 - 999.9, 000.0 - 999.9, 000.0 - 999.9, 000.0 - 999.9	(When multi PIP) Horizontal Frequency of Main Picture(KHz), Vertical Frequency of Main Picture(Hz), Horizontal Frequency of Sub Picture(KHz), Vertical Frequency of Sub Picture(Hz)	
Model Information	-	QMN	QMN: ** * **	03/65/58/50/42/37 S/H/F 02/03/04/05	103inch/65inch/58inch/50inch/42inch/37inch SD/HD/FHD 7series /8series /9series/10series		