

RS232C / LAN Command List  
Touch Screen LCD Display MODEL: TH-50/65/80BF1

2016/4/21  
Panasonic Corporation

Category	Function	Control commands		Query commands		Parameters	Parameters Explanation
		Transmission Command[:Parameters]	Reply Command[:Parameters]	Transmission Command[:Parameters]	Reply Command[:Parameters]		
Basic Controls	Power ON	PON	PON			0/1	Off/On
	Power OFF	POF	POF	QPW	QPW:*		
	Input select	IMS:***	IMS	QMI	QMI:***	HM1 / HM2 / SL1(S1A/S1B) / VD1 / YP1 / PC1 / DV1 / DL1 / MG1 / NW1 / MV1 / WB1	HDMI1 / HDMI2 / SLOT(A/B) / VIDEO / COMPONENT / PC / DVI / DIGITAL LINK / Miracast / PanasonicAPPLICATION / MEMORY VIEWER / WHITEBOARD
	Input select(toggle)	IMS	IMS				
	Volume	AVL:**	AVL				
	Volume up	AUU	AUU	QAV	QAV:**	00 ~ 63	0 ~ 63
	Volume down	AUD	AUD				
	Audio mute	AMT:*	AMT	QAM	QAM:*	0/1	Off/On
	Audio mute(toggle)	AMT	AMT				
	Video mute	VMT:*	VMT	QVM	QVM:*	0/1	Off/On
	Video mute(toggle)	VMT	VMT				
	Aspect select	DAM:****	DAM	QAS	QAS:****	ZOOM/FULL/JUST/NORM/ZOM2/ZOM3/SJST/SNOM/SFUL/14:9	Zoom/16:9/Just/4:3/Zoom2/Zoom3/Side cut Just/4:3 Side cut/4:3 Full/14:9
	Aspect select(toggle)	DAM	DAM				
	Picture Mode	VPC:MEN***	VPC	QPC:MEN	QPC:MEN***	STD / DYN / CNM	Normal / Dynamic / Cinema
Backlight	VPC:BLT***	VPC	QPC:BLT	QPC:BLT***	000 ~ 100	000 ~ 100	
Contrast	VPC:PIC***	VPC	QPC:PIC	QPC:PIC***	000 ~ 100	000 ~ 100	
Brightness	VPC:BLK***	VPC	QPC:BLK	QPC:BLK***	000 ~ 100	000 ~ 100	
Colour	VPC:COL***	VPC	QPC:COL	QPC:COL***	000 ~ 100	000 ~ 100	
Hue	VPC:TIN***	VPC	QPC:TIN	QPC:TIN***	000 ~ 100	000 ~ 100	
Sharpness	VPC:SHP***	VPC	QPC:SHP	QPC:SHP***	-15 ~ 000 ~ +15(015)	-15 ~ 15	
White balance	VPC:TMP***	VPC	QPC:TMP	QPC:TMP***	WRM / MID / COL	Warm / Normal / Cool	
Frame creation	VPC:FRC*	VPC	QPC:FRC	QPC:FRC*	0 / 1 / 2 / 3	Off / Min / Mid / Max	
Input level	VWB:ILV***	VWB	QWB:ILV	QWB:ILV***	-32 ~ 000 ~ +32(032)	-32 ~ 32	
R GAIN	VWB:RGN***	VWB	QWB:RGN	QWB:RGN***	000 ~ 100	000 ~ 100	
G GAIN	VWB:GGN***	VWB	QWB:GGN	QWB:GGN***	000 ~ 100	000 ~ 100	
B GAIN	VWB:BGH***	VWB	QWB:BGH	QWB:BGH***	000 ~ 100	000 ~ 100	
R BIAS	VWB:RBS***	VWB	QWB:RBS	QWB:RBS***	000 ~ 100	000 ~ 100	
G BIAS	VWB:GBS***	VWB	QWB:GBS	QWB:GBS***	000 ~ 100	000 ~ 100	
B BIAS	VWB:BBS***	VWB	QWB:BBS	QWB:BBS***	000 ~ 100	000 ~ 100	
Gamma	VWB:GMM**	VWB	QWB:GMM	QWB:GMM**	SC / 20 / 22 / 26	S-curve / 2.0 / 2.2 / 2.6	
Memory delete	VPF:DEL**	VPF			01 ~ 08	Memory No.1 - Memory No.08	
Memory load	VPF:LOD**	VPF			01 ~ 08	Memory No.01 - Memory No.08	
Memory name change	VPF:NAM** *...*	VPF	QPF:NAM**	QPF:NAM** *...*	01 - 08 space! "#\$%&'()*+,-./0123456789:;<=>?@ ABCDEFGHIJKLMNPOQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{ }.	Memory No.01 - Memory No.08 Memory name(Max 40 Parameters)	
Memory save	VPF:SAV** *...*	VPF			01 - 08 space! "#\$%&'()*+,-./0123456789:;<=>?@ ABCDEFGHIJKLMNPOQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{ }.	Memory No.01 - Memory No.08 Memory name(Max 40 Parameters)	
Memory state			QPF:STA	QPF:STA*****	-0 (Memory No.1- No.08)	Unused/Use	
Speaker	AAC:OUT***	AAC	QAC:OUT	QAC:OUT***	SPO/EXT	Internal / External	
Sound Mode	AAC:MEN***	AAC	QAC:MEN	QAC:MEN***	STD(AUT)/DYN/CLR	Normal/Dynamic/Clear	
Bass	AAC:BAS***	AAC	QAC:BAS	QAC:BAS***	-15 ~ 000 ~ +15(015)	-15 ~ 15	
Mid	AAC:MID***	AAC	QAC:MID	QAC:MID***	-15 ~ 000 ~ +15(015)	-15 ~ 15	
Treble	AAC:TRE***	AAC	QAC:TRE	QAC:TRE***	-15 ~ 000 ~ +15(015)	-15 ~ 15	
Balance	AAC:BAL***	AAC	QAC:BAL	QAC:BAL***	-30 ~ 000 ~ +30(030)	-30 ~ 30	
Surround	AAC:SUR***	AAC	QAC:SUR	QAC:SUR***	MON/OFF	On/Off	
Audio Out (PIP)	ASO:*	ASO			M/S	Main/Sub	
Left Channel	ASD:LCH**	ASD	QSD:LCH	QSD:LCH**	01-16	Channel 1 - Channel 16	
Right Channel	ASD:RCH**	ASD	QSD:RCH	QSD:RCH**	01-16	Channel 1 - Channel 16	
Sound Out	ASD:OUT*	ASD	QSD:OUT	QSD:OUT*	0/1	Off/On	
Level Meter	ASD:LMT*	ASD	QSD:LMT	QSD:LMT*	0/1/2	Off/1-8ch/9-16ch	
H-Pos	DGE:HPO****	DGE	QGE:HPO	QGE:HPO****	-124 ~ 0000 ~ +124(0124)	-124 ~ 124	
H-Size	DGE:HSZ****	DGE	QGE:HSZ	QGE:HSZ****	-124 ~ 0000 ~ +124(0124)	-124 ~ 124	
V-Pos	DGE:VPO****	DGE	QGE:VPO	QGE:VPO****	-124 ~ 0000 ~ +124(0124)	-124 ~ 124	
V-Size	DGE:VSZ****	DGE	QGE:VSZ	QGE:VSZ****	-062 ~ 0000 ~ +062(0062)	-62 ~ 62	
Dot Clock	DGE:DCL****	DGE	QGE:DCL	QGE:DCL****	-032 ~ 0000 ~ +032(0032)	-32 ~ 32	
Clock Phase	DGE:CLK****	DGE	QGE:CLK	QGE:CLK****	-016 ~ 0000 ~ +016(0016)	-16 ~ 16	
Clamp Position	DGE:CLP****	DGE	QGE:CLP	QGE:CLP****	0000 ~ +127(0127)	0 ~ 127	
1:1 Pixel Mode	DGE:DBD*	DGE	QGE:DBD	QGE:DBD*	0/1	Off/On	
Over Scan	DGE:OVS*	DGE	QGE:OVS	QGE:OVS*	0/1	Off/On	
Adjusting POS. /SIZE(H-Pos/H-Size/V-Pos/V-Size)	DGE:PSZ*****	DGE	QGE:PSZ	QGE:PSZ*****	-124 ~ 0000 ~ +124(0124),-124 ~ 0000 ~ +124(0124), -124 ~ 0000 ~ +124(0124),-062 ~ 0000 ~ +062(0062)	H-Pos(-124 - 0000 ~ +124(0124)),H-Size(-124 - 0000 ~ +124(0124)), V-Pos(-124 - 0000 ~ +124(0124)),V-Size(-062 - 0000 ~ +062(0062))	
Auto Setup	DGE:ASU*	DGE			1 / 0	executes / interrupts	
Touch Screen	STS:TOS*	STS	QTS:TOS	QTS:TOS*	0 / 1	Off / On	
Control menu	STS:CTM*	STS	QTS:CTM	QTS:CTM*	0/1/2/3	Off/Top/Bottom/Flick	
Quick input	STS:QIP***	STS	QTS:QIP	QTS:QIP***	*:1/2/3/4 +++ :HM1 / HM2 / SL1(S1A/S1B) / VD1 / YP1 / PC1 / DV1 / DL1 / MG1 / NW1 / MV1 / WB1	*:Quick input1 - Quick input4 +++ :HDMI1 / HDMI2 / SLOT(A/B) / VIDEO / COMPONENT / PC / DVI-D / DIGITAL LINK / MIRRORING / PanasonicAPPLICATION / MEMORY VIEWER / WHITEBOARD	
Quick Launch	STS:QUL*	STS	QTS:QUL	QTS:QUL*	0 / 1	Off / On	
Initial Background	STS:INB***	STS	QTS:INB	QTS:INB***	WHI / GRE / BLA	White / Green / Black	
Auto Save	STS:AUS*	STS	QTS:AUS	QTS:AUS*	0 / 1	Off / On	
Built-in Memory Setting	STS:BIM*	STS	QTS:BIM	QTS:BIM*	0 / 1	Off / On	
MULTI PIP	DWA:***	DWA	QDW	QDW:***	OFF / PIP 0 / 1 / 2 / 3	Off/Pic in Pic or Pic in WHITEBOARD Lower right/Lower left/Upper left/Upper right ※Mode:PIP Only	
PIP Mode	DWA:MOD***	DWA	QDW:MOD	QDW:MOD***	PIP / PIW	Pic in Pic / Pic in WHITEBOARD	
Sub Input position(Toggle change)	DWA:PIN	DWA					
Sub Input position(Direct change)	DWA:PIN*	DWA			0 / 1 / 2 / 3	Lower right / Lower left / Upper left / Upper right	
Sub Input size(Toggle change)	DWA:SIZ	DWA					
Sub Input size(Direct change)	DWA:SIZ*	DWA	QDW:SIZ	QDW:SIZ*	1 / 2 / 3 / 4	(Aspect4:3 signal)480x360/720x540/960x720/1280x960 (Aspect16:9 signal)480x270/720x405/960x540/1280x720	
Swap	DWA:SWP	DWA					
Wired LAN (Network)	SSU:NET	SSU	QSU:NET	QSU:NET	000-255, 000-255, 000-255, 000-255 000-255, 000-255, 000-255, 000-255 000-255, 000-255, 000-255, 000-255 0/1	IP address Subnet mask Gateway DHCP : Off/On	
Wireless LAN(Select Network)	SSU:LWL***	SSU	QSU:LWL	QSU:LWL***	OFF / SMP / SDT / MDT / UR1 / UR2 / UR3	Off / SIMPLE /S-DIRECT / M-DIRECT / USER1 / USER2 / USER3	
Wireless LAN (Network)	SSU:LTI	SSU	QSU:LTI	QSU:LTI	000-255,000-255,000-255,000-255 000-255,000-255,000-255,000-255 000-255,000-255,000-255,000-255 0/1	IP address Subnet mask Gateway DHCP : Off/On	
Wireless LAN (User name)	SSU:LNC*...*	SSU	QSU:LNC	QSU:LNC*...*	space! "#\$%&'()*+,-./0123456789:;<=>?@ ABCDEFGHIJKLMNPOQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{ }.	User name (Max 8 Parameters)	
MIRRORING Autonomous group owner	SSU:MRRAGO*	SSU	QSU:MRRAGO	QSU:MRRAGO*	0 / 1	Off/On	
MIRRORING Managed meetings	SSU:MMT*	SSU	QSU:MMT	QSU:MMT*	0 / 1	Off/On	
MIRRORING Channel	SSU:CHL***	SSU	QSU:CHL	QSU:CHL***	001~999	Channel No. *For details, please refer to the instruction manual.	

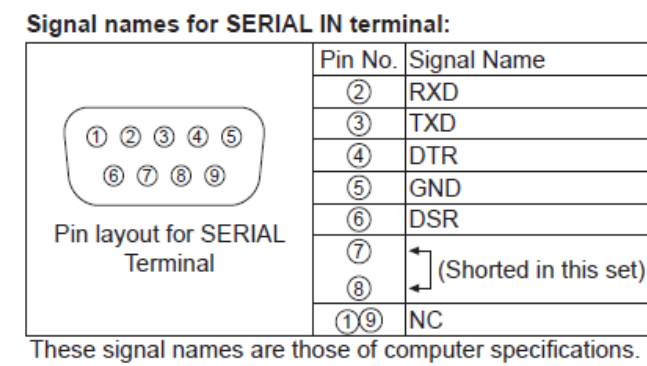
Category	Function	Control commands		Query commands		Parameters	Parameters Explanation	
		Transmission Command;Parameters	Reply Command;Parameters	Transmission Command;Parameters	Reply Command;Parameters			
Network Setup	MIRRORING Connection type	SSU: CNT*	SSU	QSU: CNT	QSU: CNT*	0 / 1	0:Auto/1:PIN	
	MIRRORING Lower bandwidth mode	SSU: LBM*	SSU	QSU: LBM	QSU: LBM*	0 / 1	Off/On	
	Name Change	SSU: LDN*...*	SSU	QSU: LDN	QSU: LDN*...*	space! "# \$ % & ' ( ) * + , - . / 0 1 2 3 4 5 6 7 8 9 ; : < = > ? @ A B C D E F G H I J K L M N O P Q R S T U V W X Y Z [ \ ] ^ _ ` a b c d e f g h i j k l m n o p q r s t u v w x y z { }   -	DISPLAY NAME(Max 8 Parameters)	
	Multi-Live	SSU: LML	SSU	QSU: LML	QSU: LML*****	04MLT/04IDX/16IDX	4-screen multi style/4-screen index style/16-screen index style	
	Live mode Cut In	SSU: LLI*	SSU	QSU: LLI	QSU: LLI*	0/1	Off/On	
	WEB Control	SSU: LWC*	SSU	QSU: LWC	QSU: LWC*	0/1	Off/On	
	AMX D.D.	SSU: ADD*	SSU	QSU: ADD	QSU: ADD*	0 / 1	Off/On	
	Crestron ConnectedTM Reset	SSU: CRV*	SSU	QSU: CRV	QSU: CRV*	0 / 1	Off/On	
	Status(DISPLAY ID)	-	-	QSU: LDI	QSU: LDI*...*	space! "# \$ % & ' ( ) * + , - . / 0 1 2 3 4 5 6 7 8 9 ; : < = > ? @ A B C D E F G H I J K L M N O P Q R S T U V W X Y Z [ \ ] ^ _ ` a b c d e f g h i j k l m n o p q r s t u v w x y z { }   -	DISPLAY ID(Max 8 Parameters)	
	Status(Antenna level)	-	-	QSU: LAL	QSU: LAL*	1-5	Antenna level	
	Port	SSU: LCP*****	SSU	QSU: LCP	QSU: LCP*****	01024-65535	Port	
	DIGITAL LINK status	-	-	QSU: DLS	QSU: DLS	0 / 1 / 2 / 3 * 0 / 1 / 2 -.* 00 ~ 99 -.* 00 ~ 99	No link / DIGITAL LINK / LPM / LAN No HDMI / HDMI ON / HDCP ON Minimum Signal Quarity Maximum Signal Quarity Off / On	
	Extron XTP	SSU: EXP*	SSU	QSU: EXP	QSU: EXP*	0 / 1	Off / On	
	View	SMS: VIE***	SMS	QMS: VIE	QMS: VIE***	THU / LIS	Thumbnail / List	
	Sort	SMS: SOR***	SMS	QMS: SOR	QMS: SOR***	NAM / TYP / TIM	Name / Type / Time	
Autoplay	SMS: AUP*	SMS	QMS: AUP	QMS: AUP*	0 / 1	Off / On		
Interval	SMS: INT*	SMS	QMS: INT	QMS: INT*	0 / 1 / 2 / 3 / 4 / 5	5S / 10S / 15S / 30S / 60S / 120S		
Effect	SMS: EFF***	SMS	QMS: EFF	QMS: EFF***	OFF / RAN / WIL / WIR / WID / SPL / ZOO / FAD / BLI / CHW / SLI / SLO	Off / Random / Wipe left / Wipe right / Wipe down / Split / Zoom in / Fade / Blind / Checker wipe / Slide in / Slide out		
Guide	SMS: GUI*	SMS	QMS: GUI	QMS: GUI*	0 / 1	Off / On		
Signal	3D Y/C Filter (NTSC)	SSG: YCS*	SSG	QSG: YCS	QSG: YCS*	0/1	Off/On	
	Sync	SSG: SNC***	SSG	QSG: SNC	QSG: SNC***	GRN/HAV	VBS/On G(On Y)/Auto	
	Colour system	SSG: COS***	SSG	QSG: COS	QSG: COS***	NTS/PAL/SCM/MNT/AUT	NTSC/PAL/SECAM/M.NTSC/Auto	
	Cinema reality	SSG: DCR*	SSG	QSG: DCR	QSG: DCR*	0/1	Off/On	
	P-NR (Limited choice)	SSG: VNR*	SSG	QSG: VNR	QSG: VNR*	0/1	Off/Min	
	P-NR	SSG: VNREXT***	SSG	QSG: VNREXT	QSG: VNREXT***	OFF/MIN/MID/MAX	Off/Min/Mid/Max	
	Block NR	SSG: BNR***	SSG	QSG: BNR	QSG: BNR***	OFF/MIN/MID/MAX	Off/Min/Mid/Max	
	Mosquito NR	SSG: MNR***	SSG	QSG: MNR	QSG: MNR***	OFF/MIN/MID/MAX	Off/Min/Mid/Max	
	Noise reduction	SSG: NRS***	SSG	QSG: NRS	QSG: NRS***	OFF/MIN/MID/MAX/ADV	Off/Min/Mid/Max/Advanced	
	XGA Mode	SSG: XGA*	SSG	QSG: XGA	QSG: XGA*	1/2/3/4	1024x768 / 1280x768 / 1366x768 / Auto	
	SDI Through	SSG: STH*	SSG	QSG: STH	QSG: STH*	0/1	Off/On	
	Dynamic backlight control	SSG: DBC*	SSG	QSG: DBC	QSG: DBC*	0/1	Off/On	
	HDMI Range	SSG: HRC***	SSG	QSG: HRC	QSG: HRC***	VID / FUL / AUT	Video(16-235)/Full(0-255)/Auto	
	Screensaver	Screensaver	OSP: SCR*	OSP	QSP: SCR	QSP: SCR*	0 / 1 / 2 / 3 / 4	Off / Scrolling bar only ON / Negative image ON / Overlay scrolling bar ON / White screen ON
		Function	SSC: FNC*	SSC	QSC: FNC	QSC: FNC*	0 / 1 / 2 / 3	Scrolling bar only / Negative image / Overlay scrolling bar / White screen
Mode		SSC: MOD*	SSC	QSC: MOD	QSC: MOD*	0 / 1 / 2 / 3 / 4	Off / Interval / Time Designation / On / Standby after SCR Saver	
Interval		SSC: INT ****	SSC	QSC: INT	QSC: INT ****	0000 - 2359 0000 - 2359	Periodic Time : 00:00 - 23:59 Operation Time : 00:00 - 23:59	
Time Designation		SSC: TIM ****	SSC	QSC: TIM	QSC: TIM ****	0000 - 2359 0000 - 2359	Start Time : 00:00 - 23:59 Finish Time : 00:00 - 23:59	
Standby after SCR Saver		SSC: AOF ****	SSC	QSC: AOF	QSC: AOF ****	0000 - 2359	Screensaver duration : 00:00 - 23:59	
Side panel		SSC: SPC*	SSC	QSC: SPC	QSC: SPC*	0 / 1 / 2 / 3	Off / Low / Mid / High	
Wobbling		OSP: WOB*	OSP	QSP: WOB	QSP: WOB*	0 / 1	Off / On	
ECO Mode settings		SSU: ECS*	SSU	QSU: ECS	QSU: ECS*	0 / 1	Custom / On	
Power save		SSU: PSV*	SSU	QSU: PSV	QSU: PSV*	0 / 1 / 2	Off / On / Sensor	
ECO Mode Settings	HDMI1 Power management	SSU: D1H*	SSU	QSU: D1H	QSU: D1H*	0 / 1	Off / On	
	HDMI2 Power management	SSU: D2H*	SSU	QSU: D2H	QSU: D2H*	0 / 1	Off / On	
	PC Power management	SSU: DPM*	SSU	QSU: DPM	QSU: DPM*	0 / 1	Off / On	
	DVI-D Power management	SSU: DPD*	SSU	QSU: DPD	QSU: DPD*	0 / 1	Off / On	
	No signal power off	SSU: AOF*	SSU	QSU: AOF	QSU: AOF*	0 / 1	Off / On	
	Input label	Input label (Current input)	SSU: ILA***	SSU	QSU: ILA	QSU: ILA***	NRM / PC1 / LPT / DCM / BD1 / DV1 / CTV / STB / SKP / CPS / VGA / WLS / PWD/ USB	Default input name / PC / Laptop / Document Camera / Blu-ray / DVD / CATV / STB / (Skip) / Composite/ PC / Wireless / ProWiDi / USB *For details, please refer to the instruction manual.
Input label (Specified input)		SSU: ILA***+***	SSU	QSU: ILA	QSU: ILA***+***	*** : Specified input HM1 / HM2 / SL1(S1A/S1B) / VD1 / YP1 / PC1 / DV1 / DL1 / MG1 / NW1 / MV1 / WB1 +++ : Input label NRM / PC1 / LPT / DCM / BD1 / DV1 / CTV / STB / SKP / CPS / VGA / WLS / PWD/ USB	HDMI1 / HDMI2 / SLOT(A/B) / VIDEO / COMPONENT / PC / DVI / DIGITAL LINK / Miracast / PanasonicAPPLICATION / MEMORY VIEWER / WHITEBOARD Default input name / PC / Laptop / Document Camera / Blu-ray / DVD / CATV / STB / (Skip) / Composite/ PC / Wireless / ProWiDi / USB *For details, please refer to the instruction manual.	
Function Button Settings	Function Button Settings	OSP: KFN +	OSP	QSP: KFN +	QSP: KFN +	1 / 2 ECO / REF / SIG / SUT / HM1 / HM2 / S1A / S1B / VD1 / YP1 / PC1 / DV1 / DLK / MG1 / NW1 / MV1 / WB1 / LNS / LML / OSH / MPI / MPS	Function1 / Function2 ECO Mode settings / Scrolling bar / Signal / OnOff Timer Setup / INPUT(HDMI1) / INPUT(HDMI2) / INPUT(SLOT A) / INPUT(SLOT B) / INPUT(VIDEO) / INPUT(COMPONENT) / INPUT(PC) / INPUT(DVI) / INPUT(DIGITAL LINK) / INPUT(Miracast) / INPUT(PanasonicAPPLICATION) / INPUT(MEMORY VIEWER) / INPUT(WHITEBOARD) / Network Setup / Multi-Live / AV Mute / MULTI PIP / MULTI PIP Settings	
	Function Button Guide	OSP: KFG*	OSP	QSP: KFG	QSP: KFG*	0 / 1	Off / On	
On/Off Timer Setup	Power ON Settings	TIM: PON****	TIM	QIM: PON****	QIM: PON****	0 / 1, 0000 ~ 2359	Off / On, 00:00 - 23:59	
	Power OFF Settings	TIM: POF****	TIM	QIM: POF	QIM: POF****	0 / 1, 0000 ~ 2359	Off / On, 00:00 - 23:59	
Day/Time Setup	Day	TIM: DAY***	TIM	QIM: DAY	QIM: DAY***	MON / TUE / WED / THU / FRI / SAT / SUN	MON / TUE / WED / THU / FRI / SAT / SUN	
	Time	TIM: NOW0****	TIM	QIM: NOW	QIM: NOW0****	0000 ~ 2359	00:00 - 23:59	
COLOR UNIVERSAL DESIGN setting	COLOR UNIVERSAL DESIGN	SSU: CUD*	SSU	QSU: CUD	QSU: CUD*	0/1	Off / On	
Weekly Command Timer	Component/RGB-in select	SSU: CMP***	SSU	QSU: CMP	QSU: CMP***	YBR / RGB	Component / RGB	
	DVI YUV/RGB select	SSU: DYR***	SSU	QSU: DYR	QSU: DYR***	YUV / RGB	YUV / RGB	
	Monitor Out	SSU: MOT*	SSU	QSU: MOT	QSU: MOT*	0 / 1	Off / On	
	No activity power off	SSU: NAO*	SSU	QSU: NAO	QSU: NAO*	0 / 1	Off / On	
	Menu Display Duration	SSU: MDT***	SSU	QSU: MDT	QSU: MDT***	005/010/030/060/120/180	5s/10s/30s/60s/120s/180s	
	OSD Brightness	SSU: OBR*	SSU	QSU: OBR	QSU: OBR*	1 / 2 / 3 / 4 / 5	1(Low) / 2 / 3 / 4 / 5(High)	
Function	OSD Language	SSU: LNG***	SSU	QSU: LNG	QSU: LNG***	ENG/DEU/FRA/ITL/CHA/USA/ESP/JPN/RUS	English(UK) / German / French / Italian / Chinese / English(US) / Spanish / Japanese / Russian	
	Function	TIW: FNC*	TIW	QIW: FNC	QIW: FNC*	1 / 0	On / Off	
Weekly Command Timer	Program Number	TIW: DPS ***	TIW	-	-	MON/TUE/WED/THU/FRI/SAT/SUN 1-7	MONDAY / TUESDAY / WEDNESDAY / THURSDAY / FRIDAY / SATURDAY / SUNDAY PROGRAM1-PROGRAM7	
	Program Number	TIW: WPS * * * * * * *	TIW	QIW: WPS	QIW: WPS * * * * * * *	1-7/ 1-7/ 1-7/ 1-7/ 1-7/ 1-7/ 1-7/ 1-7/	PROGRAM1-PROGRAM7/ PROGRAM1-PROGRAM7/ PROGRAM1-PROGRAM7/ PROGRAM1-PROGRAM7/ PROGRAM1-PROGRAM7/ PROGRAM1-PROGRAM7/ PROGRAM1-PROGRAM7/ PROGRAM1-PROGRAM7/	

Category	Function	Control commands		Query commands		Parameters	Parameters Explanation
		Transmission Command;Parameters	Reply Command;Parameters	Transmission Command;Parameters	Reply Command;Parameters		
Weekly Command Timer	Program Edit	TIW:PRG * *** **** ***	TIW	QIW:PRG * **	QIW:PRG * ** *** **** ***	1-7 01-64 0000-2359/---- S01-S64/U01-U64/---	PROGRAM1-PROGRAM7 01-64 00:00-23:59/---- Standard Command 01-64/User Command 01-64/--- (Not Supported Standard Command 20,30,36,39)
	User Command Edit	TIW:CMD *** *****	TIW	QIW:CMD ***	QIW:CMD *** *****	U01-U64 *****	User Command 01-64(Command number) User Command(Max 15 Parameters)
Audio input select	Audio input select	SAI:V***A+++	SAI	QAI:V***	QAI:V***A+++	*** HM1 / HM2 / SL1(S1A/S1B) / VD1 / YP1 / PC1 / DV1 / DL1 / MG1x / NW1 / MV1 / WB1 *** HM1 / HM2 / SL1(S1A/S1B) / VD1 / PC1 / DL1 / NW1 / NAD	*** HDMI1 / HDMI2 / SLOT(A/B) / VIDEO / COMPONENT / PC / DVI / DIGITAL LINK / Miracast / PanasonicAPPLICATION / MEMORY VIEWER / WHITEBOARD *** HDMI1 / HDMI2 / SLOT(A/B) / AUDIO1(VIDEO or COMPONENT) / AUDIO2(DVI or PC) / DIGITAL LINK / NETWORK(Miracast or PanasonicAPPLICATION or MEMORY VIEWER)
		SAI:A+++	SAI	QAI	QAI:V***A+++	*** HM1 / HM2 / SL1(S1A/S1B) / VD1 / YP1 / PC1 / DV1 / DL1 / MG1 / NW1 / MV1 / WB1 *** HM1 / HM2 / SL1(S1A/S1B) / VD1 / PC1 / DL1 / NW1 / NAD	*** HDMI1 / HDMI2 / SLOT(A/B) / VIDEO / COMPONENT / PC / DVI / DIGITAL LINK / Miracast / PanasonicAPPLICATION / MEMORY VIEWER / WHITEBOARD *** HDMI1 / HDMI2 / SLOT(A/B) / AUDIO1(VIDEO or COMPONENT) / AUDIO2(DVI or PC) / DIGITAL LINK / NETWORK(Miracast or PanasonicAPPLICATION or MEMORY VIEWER)
Input Search	Input Search	ISH:FNC***	ISH	QSH:FNC	QSH:FNC***	ALL/PRI/OFF	All Inputs/Priority/Off
	Primary Input	ISH:PRI***	ISH	QSH:PRI	QSH:PRI***	HM1 / HM2 / SL1(S1A/S1B) / VD1 / YP1 / PC1 / DV1 / DL1 / NW1 / NON	HDMI1 / HDMI2 / SLOT(A/B) / VIDEO / COMPONENT / PC / DVI-D / DIGITAL LINK / (NONE)
	Secondary Input	ISH:SCI***	ISH	QSH:SCI	QSH:SCI***	HM1 / HM2 / SL1(S1A/S1B) / VD1 / YP1 / PC1 / DV1 / DL1 / NW1 / NON	HDMI1 / HDMI2 / SLOT(A/B) / VIDEO / COMPONENT / PC / DVI-D / DIGITAL LINK / (NONE)
Options	Onscreen display	OSP:OSD*	OSP	QSP:OSD	QSP:OSD*	0/1	Disable/Enable
	Initial INPUT	OSP:IIN***	OSP	QSP:IIN	QSP:IIN***	OFF / HM1 / HM2 / SL1(S1A/S1B) / VD1 / YP1 / PC1 / DV1 / DL1 / MG1 / NW1 / MV1 / WB1	Off / HDMI1 / HDMI2 / SLOT(A/B) / VIDEO / COMPONENT / PC / DVI / DIGITAL LINK / Miracast / PanasonicAPPLICATION / MEMORY VIEWER / WHITEBOARD
	Initial VOL level	OSP:IVL***	OSP	QSP:IVL	QSP:IVL***	0/1, 00 - 63	Off/On,volume: 0 -63
	Maximum VOL level	OSP:MVL***	OSP	QSP:MVL	QSP:MVL***	0/1, 00 - 63	Off/On,maximum volume: 0 -63
	INPUT lock	OSP:INL***	OSP	QSP:INL	QSP:INL***	OFF / HM1 / HM2 / SL1(S1A/S1B) / VD1 / YP1 / PC1 / DV1 / DL1 / MG1 / NW1 / MV1 / WB1	Off / HDMI1 / HDMI2 / SLOT(A/B) / VIDEO / COMPONENT / PC / DVI / DIGITAL LINK / Miracast / PanasonicAPPLICATION / MEMORY VIEWER / WHITEBOARD
	Button lock	OSP:BTL***	OSP	QSP:BTL	QSP:BTL***	OFF/MEN/ALL	Off/MENU&ENTER/On
	Remocoon User level	OSP:RCM*	OSP	QSP:RCM	QSP:RCM*	0/1/2/3	Off/User1/User2/User3
	Off-timer function	OSP:OFT**	OSP	QSP:OFT	QSP:OFT**	0/1	Disable/Enable
	Initial start up	OSP:ISU***	OSP	QSP:ISU	QSP:ISU***	LST/PON/STB	Last memory /ON/Standby
	Display Size	DGE:SCN*	DGE	QGE:SCN	QGE:SCN*	0/1	Off/On
	Studio W/B	OSP:SWB*	OSP	QSP:SWB	QSP:SWB*	0/1	Off/On
	Studio Gain	OSP:SGA*	OSP	QSP:SGA	QSP:SGA*	0/1	Off/On
	LAN Control Protocol	OSP:LPN***	OSP	QSP:LPN	QSP:LPN***	LP1 / LP2	Protocol 1 / Protocol 2
	No Signal Warning	SIT:NSW*	SIT	QIT:NSW	QIT:NSW*	0 / 1	Off / On (if set to be "On", "QST:NSW1" command is sent if signal disconnected after "No Signal Warning Timing".)
No Signal Warning Timing	SIT:SWT**	SIT	QIT:SWT	QIT:SWT**	01 - 60	01 - 60 (minutes)	
No Signal Warning Automatic command sending	-	-	-	QST:NSW*	0/1	1: If signal is disconnected, this command is sent after "No Signal Warning Timing". 0: When signal connected after "QST:NSW1" command, this command is sent.	
No Signal Error	SIT:NSE*	SIT	QIT:NSE	QIT:NSE*	0 / 1	Off / On (if set to be "On", "QST:NSE1" command is sent if signal disconnected after "No Signal Error Timing".)	
No Signal Error Timing	SIT:SET**	SIT	QIT:SET	QIT:SET**	01 - 90	01 - 90 (minutes)	
No Signal Error Automatic command sending	-	-	-	QST:NSE*	0/1	1: If signal is disconnected, this command is sent after "No Signal Error Timing". 0: When signal connected after "QST:NSE1" command, this command is sent.	
Temperature Waning	SIT:TPW*	SIT	QIT:TPW	QIT:TPW*	0 / 1	Off / On (If set to be "On", "QST:TO" command is sent if temperature is shifted around "Temperature Warning Value" and "Temperature Warning Release Value".)	
Temperature Warning Automatic command sending	-	-	-	QST:TO*	0/1	After power is set to on, it becomes "NORMAL-MODE" and mode shift by "Temperature Waning Value" and "Temperature Waning Release Value". 1: If temperature is over "Temperature Waning Value" in "NORMAL-MODE", this command is sent and go to "HIGH TEMPERATURE-MODE". 0: If temperature is under "Temperature Waning Release Value" in "HIGH TEMPERATURE-MODE", this command is sent and go to "NORMAL-MODE".	
Slot power	OSP:SLP**	OSP	QSP:SLP	QSP:SLP**	ON/AUTO/OFF	On/Auto/Off	
Power On Screen Delay	OSP:POD**	OSP	QSP:POD	QSP:POD**	00-30	00(OFF),1-30	
DVI-D Power management mode	OSP:DPS*	OSP	QSP:DPS	QSP:DPS*	0 / 1	Low Power Mode / Standard Mode	
ClockDisplay	OSP:CLK*	OSP	QSP:CLK	QSP:CLK*	0/1	Off/On	
All Aspect	OSP:AAS*	OSP	QSP:AAS	QSP:AAS*	0/1	Off/On	
Auto Setup	OSP:ASU***	OSP	QSP:ASU	QSP:ASU***	AUT/BTN	Auto/Manual	
Mobile connection	OSP:MBC*	OSP	QSP:MBC	QSP:MBC*	0/1	Off/On	
Power On Message (No activity power off)	OSP:NAP*	OSP	QSP:NAP	QSP:NAP*	0/1	Off/On	
Power On Message (Power Management)	OSP:PMM*	OSP	QSP:PMM	QSP:PMM*	0/1	Off/On	
Other	Text Clear	XTD:CLR	XTD	-	-	-	Text Clear
	Text display	XTD:NML *** ** * * * * **	XTD	-	-	001 - 116 01 - 30 0/1/2/3/4/5/6/7/8/9 0/1/2/3/4/5/6/7/8/9 0/1/2/3 space! "# \$ % & ' ( ) * + , - . / 0 1 2 3 4 5 6 7 8 9 ; : < = > ? @ A B C D E F G H I J K L M N O P Q R S T U V W X Y Z [ \ ] ^ _ ` a b c d e f g h i j k l m n o p q r s t u v w x y z { } -	Horizontal display start position Vertical display start position Text color : Black/Red/Green/Yellow/Blue/Magenta/Cyan/White/Half-brightness/Transparency Background color : Black/Red/Green/Yellow/Blue/Magenta/Cyan/White/Half-brightness/Transparency Text size : Usually/ Twice length/ Twice width/ Twice Display Strings : (Max 40 Parameters)
	Time out setting	XTD:OPT**	XTD	QTD:OPT	QTD:OPT**	01 - 99	Time out(Second)
	Text display(memory load)	XTD:REA*	XTD	-	-	1/2/3/4/5	Storage area
	Text Scrolling display	XTD:SCR *** ** * * * * **	XTD	-	-	001 - 116 01 - 30 0/1/2/3/4/5/6/7/8/9 0/1/2/3/4/5/6/7/8/9 0/1/2/3 space! "# \$ % & ' ( ) * + , - . / 0 1 2 3 4 5 6 7 8 9 ; : < = > ? @ A B C D E F G H I J K L M N O P Q R S T U V W X Y Z [ \ ] ^ _ ` a b c d e f g h i j k l m n o p q r s t u v w x y z { } -	Horizontal display start position Vertical display start position Text color : Black/Red/Green/Yellow/Blue/Magenta/Cyan/White/Half-brightness/Transparency Background color : Black/Red/Green/Yellow/Blue/Magenta/Cyan/White/Half-brightness/Transparency Text size : Usually/ Twice length/ Twice width/ Twice Display Strings : (Max 40 Parameters)
Memory save	XTD:WRT * *** ** * * * * **	XTD	QTD:WRT	QTD:WRT	1/2/3/4/5 001 - 116 01 - 30 0/1/2/3/4/5/6/7/8/9 0/1/2/3/4/5/6/7/8/9 0/1/2/3 space! "# \$ % & ' ( ) * + , - . / 0 1 2 3 4 5 6 7 8 9 ; : < = > ? @ A B C D E F G H I J K L M N O P Q R S T U V W X Y Z [ \ ] ^ _ ` a b c d e f g h i j k l m n o p q r s t u v w x y z { } -	Storage area Horizontal display start position Vertical display start position Text color : Black/Red/Green/Yellow/Blue/Magenta/Cyan/White/Half-brightness/Transparency Background color : Black/Red/Green/Yellow/Blue/Magenta/Cyan/White/Half-brightness/Transparency Text size : Usually/ Twice length/ Twice width/ Twice Display Strings : (Max 40 Parameters)	

Category	Function	Control commands		Query commands		Parameters	Parameters Explanation
		Transmission Command;Parameters	Reply Command;Parameters	Transmission Command;Parameters	Reply Command;Parameters		
	Sub Display Input select	ISS:***	ISS	QSI	QSI:***	HM1 / HM2 / SL1(S1A/S1B) / VD1 / YP1 / PC1 / DV1 / DL1 / NW1	HDMI1 / HDMI2 / SLOT(A/B) / VIDEO / COMPONENT / PC / DV1 / DIGITAL LINK / PanasonicAPPLICATION
	Sub Display Input select(Toggle)	ISS	ISS	-	-	-	Labels ON / OFF
	Label display	DDS	DDS	-	-	-	Off/On
	Audio Mute(for tuner)	AOC:*	AOC	-	-	0/1	OSD Clear
	Clear OSD	VDO	VDO	-	-	-	Off/On
	Digital Zoom	DZM: * * * *	DZM	QDZ	QDZ: * * * *	0/1 1-4 1-5 1-5	Expansion rate Display position (length) Display position (side)
	Off Timer	ZOT:**	ZOT	-	-	0-90	00 - 90 min
	Inquiry about detail of DIGITAL LINK status	-	-	QST:DLD	QST:DLD* *** * ** ** ** ** ** ** ** ** **	0 / 1 / 2 / 3 000 - 255 0 / 1 / 2 -00 - -99 -00 - -99 -00 - -99 -00 - -99 -00 - -99 -00 - -99 -00 - -99	No connect / Digital Link / LPM / Ethernet (Est. Cable Length)(m) (*) No HDMI / HDMI(No HDCP) / HDMI(HDCP) ChannelA Signal Quarity ChannelB Signal Quarity ChannelC Signal Quarity ChannelD Signal Quarity Minimum Signal Quarity Maximum Signal Quarity  *No connect or less than 20 m -> '000'
	Inquiry about No Signal Warning	-	-	QST:NSW	QST:NSW*	0 / 1	Normal/No Signal Warning (Reply "0" when No Signal Warning is set "OFF".)
	Inquiry about No Signal Error	-	-	QST:NSE	QST:NSE*	0 / 1	Normal/No Signal Error (Reply "0" when No Signal Error is set "OFF".)
	Inquiry about YFB series model name	-	-	QST:YFM	QST:YFM*****	MAX 10Characters	YFB Model Name Charactros (YFBModel NoConnected -> 'ER401')
	DIGITAL LINK Input Change (Main)	IMS:DL1***	IMS	QMI:DL1	QMI:DL1***	HD1 / HD2 / PC1 / PC2 / SVD / VID	HDMI1 / HDMI2 / COMPUTER 1 / COMPUTER 2 / S-VIDEO / VIDEO
	DIGITAL LINK Input Change (Sub)	ISS:DL1***	IMS	QSI:DL1	QSI:DL1***	HD1 / HD2 / PC1 / PC2 / SVD / VID	HDMI1 / HDMI2 / COMPUTER 1 / COMPUTER 2 / S-VIDEO / VIDEO
	YFB*** VOLUME UP(+)	VXX:TRLS1=TR01:AU	VXX:TRLS1=TR01:AU	-	-	-	Volume up
	YFB*** VOLUME DOWN(-)	VXX:TRLS1=TR01:AU	VXX:TRLS1=TR01:AU	-	-	-	Volume down
YFB*** VOLUME Setting	VXX:TRLS1=TR01:AV L:***	VXX:TRLS1=TR01:AV L:***	-	-	000-063	000-063	
YFB*** ASPECT Change	VXX:TRLS1=TR01:VS	VXX:TRLS1=TR01:VS	-	-	-	Aspect change	
YFB*** Closed Caption Setting	VXX:TRLS1=TR01:OC C:*	VXX:TRLS1=TR01:OC C:*	-	-	0 / 1 / 2 / 3 / 4	0:OFF/1:CC1/2:CC2/3:CC3/4:CC4	
YFB*** Auto Setup	VXX:TRLS1=TR01:OA	VXX:TRLS1=TR01:OA	-	-	-	Start Auto Setup	
YFB*** SYSTEM SELECTOR Setting	VXX:TRLS1=TR01:OS	VXX:TRLS1=TR01:OS	-	-	-	SYSTEM SLECTOR Setting	
YFB*** MENU KEY Send	VXX:TRLS1=TR01:OM	VXX:TRLS1=TR01:OM	-	-	-	MENU KEY	
YFB*** ENTER KEY Send	VXX:TRLS1=TR01:OE	VXX:TRLS1=TR01:OE	-	-	-	ENTER KEY	
YFB*** UP KEY Send	VXX:TRLS1=TR01:OC	VXX:TRLS1=TR01:OC	-	-	-	UP KEY	
YFB*** DOWN KEY Send	VXX:TRLS1=TR01:OC	VXX:TRLS1=TR01:OC	-	-	-	DOWN KEY	
YFB*** LEFT KEY Send	VXX:TRLS1=TR01:OC	VXX:TRLS1=TR01:OC	-	-	-	LEFT KEY	
YFB*** RIGHT KEY Send	VXX:TRLS1=TR01:OC	VXX:TRLS1=TR01:OC	-	-	-	RIGHT KEY	
YFB*** RETURN KEY Send	VXX:TRLS1=TR01:OB	VXX:TRLS1=TR01:OB	-	-	-	RETURN KEY	
O t h e r  For YFB100 / YFB200	SOS History	-	-	QSS	QSS: ** ** ** ** ** ** **	00 - FF 00 - F2 00 - F2 00 - F2 00 - F2 00 - F2 00 - F2	SOS generation frequency SOS information on the first time SOS information on the second times SOS information on the 3, 6, 9 ... times SOS information on the 4, 7, 10 ... times SOS information on the 5, 8, 11 ... Times
	SOS State	-	-	QSS:STS	QSS:STS**	NON EXT ERR	No SOS History With SOS History Of SOS
	Signal frequency	-	-	QFR	QFR: H***. V***.	000.0 - 999.9 000.0 - 999.9	H-Freq. (KHz) V-Freq. (Hz)
	Signal name	-	-	QSF	QSF:M*****	M-1125(1080)/60i *Example	Signal Format
	Model Information	-	-	QMN	QMN: ** * **	80/65/50 F 16	80/65/50 Model : FHD Series
	Model name	-	-	QID	QSN ** *** *	80/65/50 BF1 U/W/E/C	inch model area
	Version(MONITOR-MCU)	-	-	QRV	QRV: *.*.*.*	1.0000 BF1	MONITOR MCU Version Series
	Version(MONITOR-EEPROM)	-	-	QRV:EEP	QRV:EEP**.*	00.01~	MONITOR EEPROM Version
Serial number	-	-	QSN	QSN*...*	space ! " # \$ % & ' ( ) * + , - . / 0 1 2 3 4 5 6 7 8 9 : ; < = > ? @ A B C D E F G H I J K L M N O P Q R S T U V W X Y Z [ \ ] ^ _ ` a b c d e f g h i j k l m n o p q r s t u v w x y z { } -	Serial number(Max 15 Parameters)	

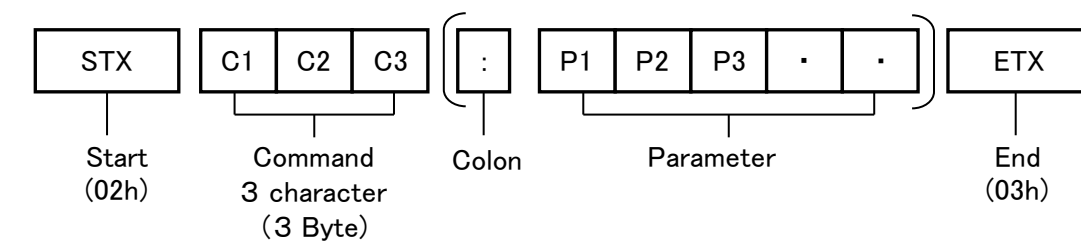
Protocol

Communication parameters	
Signal level	RS-232C compliant
Synchronization method	Asynchronous
Baudrate	9600 bps
Parity	None
Character length	8 bits
Stop bit	1 bit
Flow control	None



type of cable : straight cable

Basic format for control data:  
The transmission of control data starts with a STX signal, followed by the command, the parameters, and lastly an ETX signal in that order.  
If there are no parameters, the colon ":" does not need to be sent.



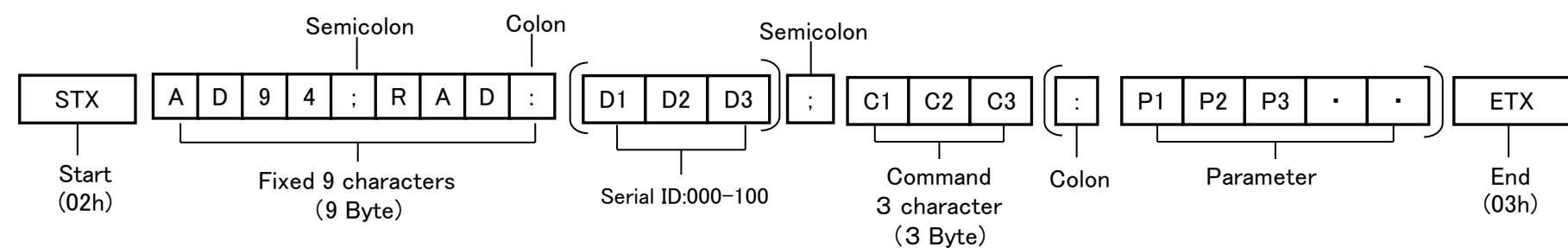
00	10	20	30	40	50	60	70		
00	DE	0	@	P	p	(Example)			
01	SH	D1	!	1	A	Q	a	q	
02	SX	D2	"	2	B	R	b	r	Power on
03	EX	D3	#	3	C	S	c	s	Character
04	ET	D4	\$	4	D	T	d	t	STX P O N ETX
05	EQ	NK	%	5	E	U	e	u	Binary
06	AK	SN	&	6	F	V	f	v	02 50 4F 4E 03
07	BL	EB	'	7	G	W	g	w	Picture+85
08	BS	CN	(	8	H	X	h	x	Character
09	HT	EM	)	9	I	Y	i	y	STX V P C : P I C O 8 5 ETX
0A	LF	SB	*	:	J	Z	j	z	Binary
0B	HM	EC	+	:	K	[	k	[	02 56 50 43 3A 50 49 43 30 38 35 03
0C	CL	-	<	L	¥			Interval time from command to response : under 200msec	
0D	CR	-	=	M	]	m	]		
0E	SO	↑	.	>	N	^	n	^	
0F	SI	↓	/	?	O	_	o	_	

- If an incorrect command is sent, this unit will reply an "ER401" command to the computer.
- If customer send multiple commands, be sure to wait for the response for the first command to come before sending the next command.
- The length of the Parameters are different for each command.
- With the power off(stand-by mode), this display supports "PON"/"QPW" command only.

<When sending command with Display ID>  
 • When sending command with Display ID, set [Options] - [Serial ID function] to "on".  
 • If Display ID is "0", any ID number in command is acceptable to control.  
 • If serial ID in command is "000", it is acceptable regardless of Display ID of target display.  
 • If a command is sent with serial ID, a response will be sent to the computer only in the following cases.  
 - When [display ID and command ID] is not 0: the display ID needs to match the serial ID.

How to send to add "Serial ID"

Serial ID Format	<STX>AD94:RAD:<NUM1><NUM2><NUM3>:*****<ETX> (Serial Control Only) (ex.) Serial ID = 1 <STX>AD94:RAD:001:PON<ETX>
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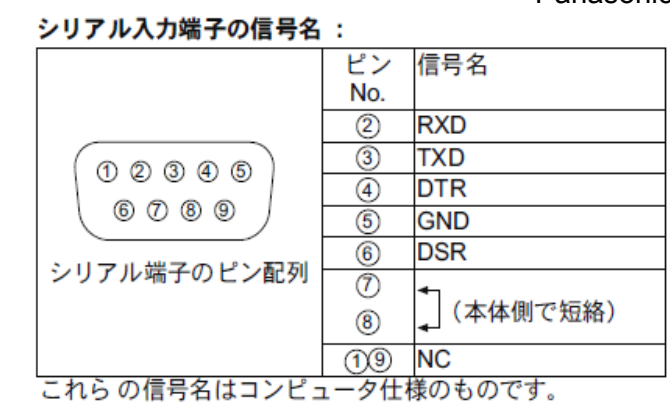


• If the RS232C control is performed using the YFB200, can not use the command of the response of more than 31 characters. (\*1)  
 (\*1) Models with DIGITAL LINK function

通信規約

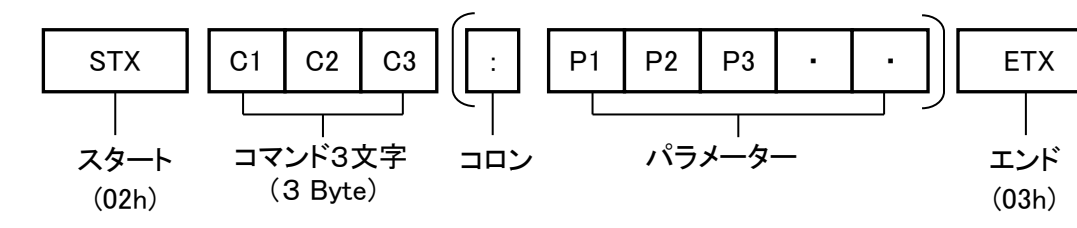
通信条件

信号レベル	RS-232C準拠
同期方式	調歩同期 (非同期)
ボーレート	9600 bps
パリティなし	なし
キャラクター長	8 ビット
ストップビット	1 ビット
フロー制御	なし



ケーブル種 : ストレート

基本フォーマット:  
データは、「STX」、「コマンド」、「パラメーター」、「ETX」の順に送信してください。  
パラメーターを必要としないコマンドを送信する場合は、コロン (:) を付けしないでください。



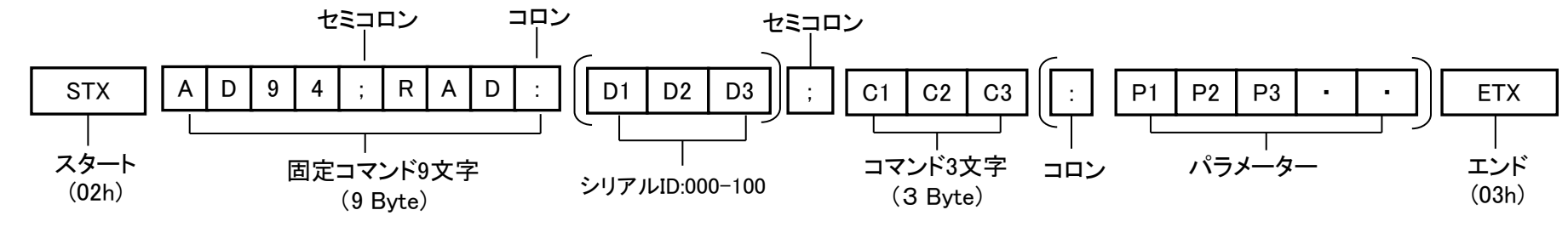
00	10	20	30	40	50	60	70		
00	DE	0	@	P	p	(コマンド例)			
01	SH	D1	!	1	A	Q	a	q	
02	SX	D2	"	2	B	R	b	r	電源オンコマンド
03	EX	D3	#	3	C	S	c	s	キャラクタ
04	ET	D4	\$	4	D	T	d	t	STX P O N ETX
05	EQ	NK	%	5	E	U	e	u	バイナリ
06	AK	SN	&	6	F	V	f	v	02 50 4F 4E 03
07	BL	EB	'	7	G	W	g	w	ピクチャー+85設定
08	BS	CN	(	8	H	X	h	x	Character
09	HT	EM	)	9	I	Y	i	y	STX V P C : P I C O 8 5 ETX
0A	LF	SB	*	:	J	Z	j	z	Binary
0B	HM	EC	+	:	K	[	k	[	02 56 50 43 3A 50 49 43 30 38 35 03
0C	CL	-	<	L	¥			時間:200ミリ秒未満	
0D	CR	-	=	M	]	m	]		
0E	SO	↑	.	>	N	^	n	^	
0F	SI	↓	/	?	O	_	o	_	

- 間違ったコマンドを送信すると、"ER401"という応答コマンドを返信します。
- 複数コマンドで制御する場合は、送信側が本機の応答を受け取ってから、次のコマンドを送信してください。
- パラメータの長さはコマンドごとに異なります。
- 電源「スタンバイ」状態(リモコンで電源「切」)中は"PON"/"QPW"コマンド以外の動作は保証されません。

<ID付コマンドで制御する場合>  
 ○シリアルID付で制御する場合は、「Options」メニューの「Serial ID function(シリアルID制御)」をオンに設定してください。  
 ○ディスプレイIDが0の場合、コマンドに付与するIDはどのような数字でもコントロールします。  
 ○送信するコマンドのシリアルIDを"000"とすると、ディスプレイIDに関係なく制御します。  
 ○ID付コマンドを送信した場合、以下の時のみコンピューターへの応答を返します。  
 - ディスプレイID、コマンドID が0以外の場合:ディスプレイIDとコマンドID が一致した時

ID付コマンドフォーマット

Serial ID Format	<STX>AD94:RAD:<NUM1><NUM2><NUM3>:*****<ETX> (シリアル制御のみ) (例) Serial ID = 1の場合 <STX>AD94:RAD:001:PON<ETX>
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• YFB200を使用してRS232C制御を行った場合、31文字を超える応答のコマンドは使用できません。(\*1)  
 (\*1) DIGITAL LINK機能を持つモデル。