

## EP Series Ultra HD LCD Displays



- EP5024K
- EP5024K-T
- EP5824K
- EP5824K-T
- EP6524K
- EP6524K-T
- EPX100
- EPX100-T

Copyright © October 2020 by Planar Systems, Inc.  
All rights reserved.

This document may not be copied in any form without permission from Planar. Information in this document is subject to change without notice.

#### Trademark Credits

Windows™ is a trademark of Microsoft Corp.

All other companies are trademarks or registered trademarks of their respective companies.

#### Disclaimer

The information contained in this document is subject to change without notice. Planar Systems, Inc. makes no warranty of any kind with regard to this material. While every precaution has been taken in the preparation of this manual, the Company shall not be liable for errors or omissions contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this material.

#### Warranty and Service Plans

Planar warranty and service plans will help you maximize your investment by providing great support, display uptime, and performance optimization. From post-sale technical support, to a full suite of depot services, our services are performed by trained employees. When you purchase a Planar product, you get more than a display; you get the service and support you need to maximize your investment. To find the latest warranty and service information regarding your Planar product, please visit <http://www.planar.com/support>

#### RoHS Compliance Statement

The Planar EP Series is fully RoHS compliant.

Part Number: 020-1347-01D

# Table of Contents

<b>RS232 Codes</b> .....	4
1. RS232 Command Format.....	4
2. Serial Port Setting .....	5
3. Command Tables .....	6
4. Example .....	20
<b>Accessing Planar’s Technical Support Website</b> .....	22

# RS232 Codes

RS232 control is not necessary for operation, but is a convenient way to control displays from a computer at a distance. Most things you can do with the remote, you can do with RS232 commands. Plus, you can send inquiries to the displays and find out the current settings and values.

## 1. RS232 Command Format

**STX(1byte) + IDT(1byte)+ Type(1byte)+ CMD(3bytes)+ [Value/Reply(1byte)] + ETX(1byte)**

STX: Start byte = 07

IDT: Don't care

Type: Read or Write command, 01: read, 02: write; 00: return to host (from monitor)

CMD: As shown in the table on the following pages

Value: Setting Value of "Write Command"

Reply: Return Value of monitor

ETX: End byte = 08

### Transmit from PC (Host)

Read command: 07 IDT 01 CMD 08 (7bytes)

Write/Setting command: 07 IDT 02 CMD VAL 08 (8bytes)

**Return from Monitor:** Sent after receiving any valid command. The response CMD is the same as the received CMD.

## 2. Serial Port Setting

Baud Rate	Data Bit	Parity Bit	Stop Bit
19200	8	None	1

Baud rate can be set to 115200, 38400, 19200, or 9600 to match the monitor baud rate setting.

Baud rate 19200 is the default setting.

The display's RS232 connector is wired in the straight through configuration, with the pinout as follows:

- Pin 2: Tx out
- Pin 3: Rx in
- Pin 5: Ground
- Shell: Ground
- All other pins: No connect

**Note:** RS232 commands over LAN can be achieved by opening a TCP connection to Port 23 to the display.

### Explanation of symbols

▲: Valid command on Power saving/ off mode (The setting of "Power Saving Config" must be Wake on All).

### 3. Command Tables

Baud Rate	Data Bit	Parity Bit	Stop Bit
19200	8	None	1

Main Item	Control Item	CMD	Type	Value/Reply (Decimal)	Value/Reply (Hex)	Content	CMD (HEX)	Remark
Power Control and Input Source	Power Control	POW	W/R	0	00	Off (soft power)	50 4F 57	▲
				1	01	On (soft power)		▲
	OPS Power	IPC	W/R	0	00	Off	49 50 43	
				1	01	On		
	Input Source	MIN	W/R	0	00	VGA	4D 49 4E	
				13	0D	DP1		
				16	10	DP2		
				14	0E	OPS		
				9	9	HDMI1		
				10	0A	HDMI2		
				11	0B	HDMI3		
				12	0C	HDMI4		
	Display Adjustment	Color	BRI	W/R	0~100	00~64	Backlight Brightness	42 52 49
BRL			W/R	0~100	00~64	Digital Brightness Level	42 52 4C	
BLC			W/R	0	00	Off (Backlight)	42 4C 43	
				1	01	On (Backlight)		
CON			W/R	0~100	00~64	Contrast	43 4F 4E	
SHA			W/R	0~10	00~0A	Sharpness	53 48 41	
HUE			W/R	0~100	00~64	Hue	48 55 45	
SAT			W/R	0~100	00~64	Saturation	53 41 54	

Main Item	Control Item	CMD	Type	Value/Reply (Decimal)	Value/Reply (Hex)	Content	CMD (HEX)	Remark
Display Adjustment	Scheme	SCM	W/R	0	00	User	53 43 4D	
				1	01	Sport		
				2	02	Game		
				3	03	Cinema		
				4	04	Vivid		
	Color Temperature	COT	W/R	0	00	User	43 4F 54	
				1	01	6500K		
				2	02	9300K		
				3	03	3200K		
				6	06	5000K		
				7	07	7500K		
	Gamma	GAC	W/R	0	00	Off (Gamma)	47 41 43	
				1	01	1.85 (Gamma)		
				2	02	1.9 (Gamma)		
				3	03	1.95 (Gamma)		
				4	04	2.0 (Gamma)		
				5	05	2.05 (Gamma)		
				6	06	2.15 (Gamma)		
7				07	2.15 (Gamma)			
8				08	2.2 (Gamma)			
9				09	2.25 (Gamma)			
10				0A	2.3 (Gamma)			
11				0B	2.35 (Gamma)			
12	0C	2.4 (Gamma)						

Main Item	Control Item	CMD	Type	Value/Reply (Decimal)	Value/Reply (Hex)	Content	CMD (HEX)	Remark	
Display Adjustment	Gamma	GAC	W/R	13	0D	2.45 (Gamma)	47 41 43		
				14	0E	2.5 (Gamma)			
				15	0F	2.55 (Gamma)			
				16	10	2.6 (Gamma)			
	Gain & Offset	USR	W/R	0~100	00~64	Red Gain (0~100)	55 53 52		
		USG	W/R	0~100	00~64	Green Gain (0~100)	55 53 47		
		USB	W/R	0~100	00~64	Blue Gain (0~100)	55 53 42		
		UOR	W/R	0~100	00~64	Red Offset (0~100)	55 4F 52		
		UOG	W/R	0~100	00~64	Green Offset (0~100)	55 4F 47		
		UOB	W/R	0~100	00~64	Blue Offset (0~100)	55 4F 42		
	VGA Adjustment	PHA	W/R	0~100	00~64	Phase	50 48 41		
		CLO	W/R	0~100	00~64	Clock	43 4C 4F		
		HOR	W/R	0~100	00~64	Horizontal Position	48 4F 52		
		VER	W/R	0~100	00~64	Vertical Position	56 45 52		
		ADJ	W	0	00	Auto Adjust	41 44 4A		
	RTC	Current Time Adjustment	RTY	W/R	0~99	00~63	Year	52 54 59	
			RTM	W/R	1~12	01~0C	Month	52 54 4D	
RTD			W/R	1~31	01~1F	Day	52 54 44		
RTH			W/R	0~23	00~17	Hour	52 54 48		
RTN			W/R	0~59	00~3B	Minute	52 54 4E		
Timer Mode		TMS	W/R	0	00	Everyday Mode	54 4D 53		
				1	01	Workday Mode			
				2	02	User Mode			



Main Item	Control Item	CMD	Type	Value/Reply (Decimal)	Value/Reply (Hex)	Content	CMD (HEX)	Remark
RTC	Enable	AEN	W/R	0~127	00~7F	In User Mode: Set bit0 to 1: Sunday Enable Set bit1 to 1: Monday Enable Set bit2 to 1: Tuesday Enable Set bit3 to 1: Wednesday Enable Set bit4 to 1: Thursday Enable Set bit5 to 1: Friday Enable Set bit6 to 1: Saturday Enable In Everyday Mode: Set any bit0~6 to 1: Mon.~Sun. Enable In Workday Mode: Set bit0 to 1: Sunday Enable Set any bit1~5 to 1: Mon.~Fri. Enable Set bit6 to 1: Saturday Enable	41 45 4E	
	Disable	AEF	W/R	0~127	00~7F	In User Mode: Set bit0 to 1: Sunday Disable Set bit1 to 1: Monday Disable Set bit2 to 1: Tuesday Disable Set bit3 to 1: Wednesday Disable Set bit4 to 1: Thursday Disable Set bit5 to 1: Friday Disable Set bit6 to 1: Saturday Disable  In Everyday Mode: Set any bit0~6 to 1: Mon.~Sun. Disable	41 45 46	

Main Item	Control Item	CMD	Type	Value/Reply (Decimal)	Value/Reply (Hex)	Content	CMD (HEX)	Remark
RTC	Disable	AEF	W/R	0~127	00~7F	In Workday Mode: Set bit 0 to 1: Sunday Disable Set any bit1~5 to 1: Mon.~Fri. Disable Set bit 6 to 1: Saturday Disable	41 45 46	
	Sunday	SNH	W/R	0~23	00~17	Sunday On Hour	53 4E 48	
		SNM	W/R	0~59	00~3B	Sunday On Minute	53 4E 4D	
		SFH	W/R	0~23	00~17	Sunday Off Hour	53 46 48	
		SFM	W/R	0~59	00~3B	Sunday Off Minute	53 46 4D	
	Monday	NNH	W/R	0~23	00~17	Monday On Hour	4E 4E 48	
		NNM	W/R	0~59	00~3B	Monday On Minute	4E 4E 4D	
		NFH	W/R	0~23	00~17	Monday Off Hour	4E 46 48	
		NFM	W/R	0~59	00~3B	Monday Off Minute	4E 46 4D	
	Tuesday	ENH	W/R	0~23	00~17	Tuesday On Hour	45 4E 48	
		ENM	W/R	0~59	00~3B	Tuesday On Minute	45 4E 4D	
		EFH	W/R	0~23	00~17	Tuesday Off Hour	45 46 48	
		EFM	W/R	0~59	00~3B	Tuesday Off Minute	45 46 4D	
	Wednesday	DNH	W/R	0~23	00~17	Wednesday On Hour	44 4E 48	
		DNM	W/R	0~59	00~3B	Wednesday On Minute	44 4E 4D	
		DFH	W/R	0~23	00~17	Wednesday Off Hour	44 46 48	
		DFM	W/R	0~59	00~3B	Wednesday Off Minute	44 46 4D	

Main Item	Control Item	CMD	Type	Value/Reply (Decimal)	Value/Reply (Hex)	Content	CMD (HEX)	Remark
RTC	Thursday	UNH	W/R	0~23	00~17	Thursday On Hour	55 4E 48	
		UNM	W/R	0~59	00~3B	Thursday On Minute	55 4E 4D	
		UFH	W/R	0~23	00~17	Thursday Off Hour	55 46 48	
		UFM	W/R	0~59	00~3B	Thursday Off Minute	55 46 4D	
	Friday	INH	W/R	0~23	00~17	Friday On Hour	49 4E 48	
		INM	W/R	0~59	00~3B	Friday On Minute	49 4E 4D	
		IFH	W/R	0~23	00~17	Friday Off Hour	49 46 48	
		IFM	W/R	0~59	00~3B	Friday Off Minute	49 46 4D	
	Saturday	TNH	W/R	0~23	00~17	Saturday On Hour	54 4E 48	
		TNM	W/R	0~59	00~3B	Saturday On Minute	54 4E 4D	
		TFH	W/R	0~23	00~17	Saturday Off Hour	54 46 48	
		TFM	W/R	0~59	00~3B	Saturday Off Minute	54 46 4D	
Audio	Volume	VOL	W/R	0~100	00~64	volume	56 4F 4C	
	Bass	BAS	W/R	0~12	00~0C	Bass (-6 ~ 6)	42 41 53	
	Treble	TRE	W/R	0~12	00~0C	Treble (-6 ~ 6)	54 52 45	
	Balance	BAL	W/R	0~12	00~0C	Balance (-6 ~ 6)	42 41 4C	
	Audio Source Select	AUS	W/R	0	00	Audio In	41 55 53	
				1	01	Main Source		
				2	02	Source 2		
				3	03	Source 3		
				4	04	Source 4		
	Internal Speaker	INS	W/R	0	00	Internal Speaker Off	49 4E 53	
				1	01	Internal Speaker On		
	Mute	MUT	W/R	0	00	Mute Off	4D 55 54	
1				01	Mute On			

Main Item	Control Item	CMD	Type	Value/Reply (Decimal)	Value/Reply (Hex)	Content	CMD (HEX)	Remark
OSD	Transparency	OST	W/R	0~10	00~0A	OSD Transparency	4F 53 54	
	H Position	OSH	W/R	0~100	0~64	OSD H Position	4F 53 48	
	V Position	OSV	W/R	0~100	0~64	OSD V Position	4F 53 56	
	OSD Rotation	OSR	W/R	0	00	Landscape	4F 53 52	
				1	01	Portrait		
	OSD Language	OSL	W/R	0	00	English	4F 53 4C	
				1	01	French		
				2	02	German		
				13	0D	Italian		
				15	0F	Portuguese		
				16	10	Spanish		
				18	12	Chinese (Traditional)		
				19	13	Chinese (Simplified)		
	20	14	Japanese					
	OSD Timeout	OSO	W/R	5, 10, 20, 30, 60	05, 0A, 14, 1E, 2C	OSD Timeout (5, 10, 20, 30, 60 sec)	4F 53 4F	
	Splash Screen	SPS	W/R	0	00	Off	53 50 53	
				1	01	On		
	Message Box	MSB	W/R	0	00	Off	4D 53 42	
				1	01	On		

Main Item	Control Item	CMD	Type	Value/Reply (Decimal)	Value/Reply (Hex)	Content	CMD (HEX)	Remark	
EDID	HDMI 1	EH1	W/R	0	00	1080P	45 48 31		
				1	01	4K30Hz			
	HDMI 2	EH2	W/R	0	00	1080P	45 48 32		
				1	01	4K30Hz			
	HDMI 3	EH3	W/R	0	00	1080P	45 48 33		
				1	01	4K30Hz			
				2	02	4K60Hz			
	HDMI 4	EH4	W/R	0	00	1080P	45 48 34		
				1	01	4K30Hz			
				2	02	4K60Hz			
	OPS	EH5	W/R	0	00	1080P	45 48 35		
				1	01	4K30Hz			
				2	02	4K60Hz			
	DP1	ED1	W/R	0	00	1080P	45 44 31		
				1	01	4K30Hz			
				2	02	4K60Hz			
	DP2	ED2	W/R	0	00	1080P	45 44 32		
				1	01	4K30Hz			
				2	02	4K60Hz			
	Multi-Source	Multi- Source Views Adjust	PSC	W/R	0	00	OFF	50 53 43	
					1	01	PIP Small		
2					02	PIP medium			
3					03	PIP large			
4					04	Dual View			
7					07	Quad View			

Main Item	Control Item	CMD	Type	Value/Reply (Decimal)	Value/Reply (Hex)	Content	CMD (HEX)	Remark	
Multi-Source	PIP source selection	PIN	W/R	(refer to MIN)	(refer to MIN)	Select the input source of sub window 1 (refer to MIN)	50 49 4E		
		PIO	W/R	(refer to MIN)	(refer to MIN)	Select the input source of sub window 2 (refer to MIN)	50 49 4F		
		PIP	W/R	(refer to MIN)	(refer to MIN)	Select the input source of sub window 3 (refer to MIN)	50 49 50		
	PIP position	PPO	W/R	0	00	PIP Position Bottom-left	50 50 4F		
				1	01	PIP Position Bottom-right			
				2	02	PIP Position Top-left			
				3	03	PIP Position Top-right			
	PIP/Main Swap	SWA	W	0	00	Swap main and PIP	53 57 41		
	Multi-Source Presets Recall	PRC	W	0	00	Preset1 Recall	50 52 43		
				1	01	Preset2 Recall			
				2	02	Preset3 Recall			
				3	03	Preset4 Recall			
	Other Control	Scaling	ASP	W/R	0	00	Native	41 53 50	
					1	01	Full Screen		
2					02	4:3			
3					03	Letterbox			
PAS			W/R	1	01	Full Screen	50 41 53		
				2	02	4:3			
				3	03	Letterbox			
ZOM		W/R	0~10	00~0A	Adjust overscan ratio	5A 4F 4D			

Main Item	Control Item	CMD	Type	Value/Reply (Decimal)	Value/Reply (Hex)	Content	CMD (HEX)	Remark
Other Control	Baud Rate Adjustment	BRA	W/R	0	00	115200	42 52 41	
				1	01	38400		
				2	02	19200		
				3	03	9600		
	Power Saving Config	WFS	W/R	0	00	Standby Mode	57 46 53	
				1	01	Wake on All		
				2	02	Always On		
				3	03	Networked Standby		
	Auto Scan	ATS	W/R	0	00	Off	41 54 53	
				1	01	Main		
				2	02	Multi		
				3	03	All		
	Pixel Orbit	IRF	W/R	0	00	Off	49 52 46	
				1	01	On		
	Smart Light Control	SLC	W/R	0	00	Off	53 4C 43	
				1	01	DCR		
				2	02	Light Sensor		
	Power LED	LED	W/R	0	00	Off	4C 45 44	
				1	01	On		
	DisplayPort 1 Version	DPM	W/R	0	00	DP 1.1	44 50 4D	
				1	01	DP 1.2		
	DisplayPort 2 Version	DPN	W/R	0	00	DP 1.1	44 50 4E	
				1	01	DP 1.2		
	OPS Power Down Check	OPC	W/R	0	00	Disable OPS power down check	4F 50 43	
1				01	Enable OPS power down check			

Main Item	Control Item	CMD	Type	Value/Reply (Decimal)	Value/Reply (Hex)	Content	CMD (HEX)	Remark
Other Control	RGB Color Range	HCR	W/R	0	00	Auto Detect	48 43 52	
				1	01	Full Range		
				2	02	Limited Range		
	Gamut	GMT	W/R	0	00	Native	47 4D 54	See Note
				1	01	REC709		
				2	02	SMPTE C		
				3	03	EBU		
	Touch Control	TOC	W/R	0	00	Auto	54 4F 43	
				1	01	OPS		
				2	02	External		
	MEMC	MEM	W/R	00	00	MEMC :Off	4D 45 4D	
				01	01	MEMC :Low		
				02	02	MEMC :Medium		
				03	03	MEMC :High		
	Remote Control	RCU	W	14	0E	MENU Key	52 43 55	
4				04	INFO Key			
2				02	UP Key			
25				19	DOWN Key			
1				01	LEFT Key			
3				03	RIGHT Key			
18				12	ENTER Key			
5				05	EXIT Key			
7				07	VGA Key			
9				09	HDMI1 Key			
12	0C	HDMI2 Key						



Main Item	Control Item	CMD	Type	Value/Reply (Decimal)	Value/Reply (Hex)	Content	CMD (HEX)	Remark
Other Control	Remote Control	RCU	W	16	10	HDMI3 Key	52 43 55	
				22	16	HDMI4 Key		
				8	08	DP1 Key		
				11	0B	DP2 Key		
				21	15	OPS Key		
				15	0F	SOURCE Key		
				19	13	P-SOURCE Key		
				17	11	PIP Key		
				26	1A	P-POSITION Key		
				6	06	SWAP Key		
				20	14	SCALING Key		
				67	43	FREEZE Key		
				0	00	MUTE Key		
				23	17	BRIGHT Key		
				24	18	CONTRAST Key		
				30	1E	AUTO Key		
				29	1D	VOLUME+ Key		
				27	1B	VOLUME- Key		
				32	20	Preset1 Recall		
				33	21	Preset2 Recall		
34	22	Preset3 Recall						
35	23	Preset4 Recall						
36	24	Audio Source Main Key						
37	25	Audio Source 2 Key						
38	26	Audio Source 3 Key						

Main Item	Control Item	CMD	Type	Value/Reply (Decimal)	Value/Reply (Hex)	Content	CMD (HEX)	Remark
Other Control	Remote Control	RCU	W	39	27	Audio Source 4 Key	52 43 55	
		ALL	W	0	00	Reset all	41 4C 4C	
		KLC	W/R	0	00	Unlock keys	4B 4C 43	
				1	01	Lock keys		
		SER	R	13 bytes	13 bytes	Read Serial Number	53 45 52	
		MNA	R	13 bytes	13 bytes	Read Model Name	4D 4E 41	
		GVE	R	6 bytes	6 bytes	Read Firmware Version	47 56 45	
		RTV	R	0~255	00~FF	Read RS232 table Version	52 54 56	
	Network Enable	NWE	W/R	0	00	Off	4E 57 45	
				1	01	On		
	Dynamic IP	DIP	W/R	0	00	Disable	44 49 50	
				1	01	Enable		
	Default	LDS	W	0	00	Load default settings (About 15 seconds.)	4C 44 53	
	E-Mail Alert	PSA	W/R	0	00	Off(Power Status Alert)	50 53 41	
				1	01	On(Power Status Alert)		
		SSA	W/R	0	00	Off(Source Status Alert)	53 53 41	
				1	01	On(Source Status Alert)		
		SLA	W/R	0	00	Off (Signal Lost Alert)	53 4C 41	
				1	01	On (Signal Lost Alert)		
	Static IP Settings	IP1	W/R	0~255	00~FF	Static IP Address 1	49 50 31	
		IP2	W/R	0~255	00~FF	Static IP Address 2	49 50 32	
		IP3	W/R	0~255	00~FF	Static IP Address 3	49 50 33	
		IP4	W/R	0~255	00~FF	Static IP Address 4	49 50 34	
		MK1	W/R	0~255	00~FF	Subnet Mask 1	4D 4B 31	
		MK2	W/R	0~255	00~FF	Subnet Mask 2	4D 4B 32	

Main Item	Control Item	CMD	Type	Value/Reply (Decimal)	Value/Reply (Hex)	Content	CMD (HEX)	Remark
Ethernet Setup	Static IP Settings	MK3	W/R	0~255	00~FF	Subnet Mask 3	4D 4B 33	
		MK4	W/R	0~255	00~FF	Subnet Mask 4	4D 4B 34	
		GW1	W/R	0~255	00~FF	Gateway 1	47 57 31	
		GW2	W/R	0~255	00~FF	Gateway 2	47 57 32	
		GW3	W/R	0~255	00~FF	Gateway 3	47 57 33	
		GW4	W/R	0~255	00~FF	Gateway 4	47 57 34	
		FD1	W/R	0~255	00~FF	DNS Address 1	46 44 31	
		FD2	W/R	0~255	00~FF	DNS Address 2	46 44 32	
		FD3	W/R	0~255	00~FF	DNS Address 3	46 44 33	
		FD4	W/R	0~255	00~FF	DNS Address 4	46 44 34	
		SNS	W	0	00	Save Static IP Settings	53 4E 53	
		MAC	W	0~255	00~FF	Querying MAC ID #0~#5	4D 41 43	See Example

**Note:** The gamut command is only valid for model EP6524K & EP6524K-T

## 4. Example

### Power Control and Input Source

#### Turn monitor power off [CMD: POW]

[Transmit] : PC → 07 01 02 50 4F 57 00 08 → Monitor

[Return] : Monitor → 07 01 00 50 4F 57 **00** 08 → PC

#### Turn monitor power on [CMD: POW]

[Transmit] : PC → 07 01 02 50 4F 57 01 08 → Monitor

[Return] : Monitor → 07 01 00 50 4F 57 **01** 08 → PC

#### Read Power Status from monitor [CMD: POW]

[Transmit] : PC → 07 01 01 50 4F 57 08 → Monitor

[Return] : Monitor → 07 01 00 50 4F 57 **XX** 08 → PC

**XX** = 0, the set is off. **XX** = 1, the set is on.

### Display Adjustment

#### Read back light from monitor [CMD: BRI] (If the setting of back light is 80)

[Transmit] : PC → 07 0101 42 52 49 08 → Monitor

[Return] : Monitor → 07 01 00 42 52 49 **50** 08 → PC

#### Set back light 80 to monitor [CMD: BRI]

[Transmit] : PC → 07 01 02 42 52 49 **50** 08 → Monitor

[Return] : Monitor → 07 01 00 42 52 49 **50** 08 → PC

#### Set Contrast 30 to monitor [CMD: CON]

[Transmit] : PC → 07 01 02 43 4F 4E **1E** 08 → Monitor

[Return] : Monitor → 07 01 00 43 4F 4E **1E** 08 → PC

#### Read Contrast from monitor [CMD: CON] (If the monitor contrast setting is 50)

[Transmit] : PC → 07 0101 43 4F 4E 08 → Monitor

[Return] : Monitor → 07 01 00 43 4F 4E **32** 08 → Monitor

## Scaling Adjustment

### Set monitor to Pillar box [CMD: ASP]

[Transmit] : PC → 07 01 02 41 53 50 02 08 → Monitor

[Return] : Monitor → 07 01 00 41 53 50 **02** 08 → PC

## Acquiring MAC address

### Read MAC data byte 0 [CMD: MAC]

[Transmit] : PC → 07 01 02 4D 41 43 00 08 → Monitor

[Return] : Monitor → 07 01 00 4D 41 43 ## 08 → PC

### Read MAC data byte 5 [CMD: MAC]

[Transmit] : PC → 07 01 02 4D 41 43 05 08 → Monitor

[Return] : Monitor → 07 01 00 4D 41 43 ## 08 → PC

## Other Control

### Adjust up to monitor [CMD: RCU]

[Transmit] : PC → 07 01 02 52 43 55 02 08 → Monitor

[Return] : Monitor → 07 01 00 52 43 55 **02** 08 → PC

### Reset all to monitor [CMD: ALL]

[Transmit] : PC → 07 01 02 41 4C 4C 00 08 → Monitor

[Return] : Monitor → 07 01 00 41 4C 4C**00** 08 → PC

### Read serial number monitor [CMD: SER]

[Transmit] : PC → 07 01 01 53 45 52 08 → Monitor

[Return] : Monitor → 07 01 00 53 45 52 S(0) ... S(12) 08 → PC , S(0) ~ S(12): serial number in ASCII

### Read firmware version monitor [CMD: GVE]

[Transmit] : PC → 07 01 01 47 56 45 08 → Monitor

[Return] : Monitor → 07 01 00 47 56 45 S(0) ... S(5) 08 → PC , S(0) ~ S(5): firmware version in ASCII

# Accessing Planar's Technical Support Website

Go to [www.planar.com/support](http://www.planar.com/support) to locate the following support documents and resources:

- User Guide
- RS232 User Manual
- Touchscreen drivers
- Standard warranties
- Planar support hotline number and email