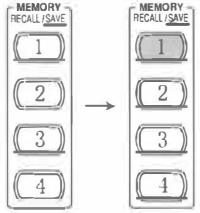
Recall Setup

Background	The front panel settings can be recalled from one of the four internal memories.
Contents	The following list shows the setup contents. • Independent / tracking series / tracking parallel mode • CH1/CH2 knob selection • Fine/coarse editing mode • Output voltage/current level The following settings are always recalled as "off". • Output on/off • Front panel lock/unlock • Buzzer on/off
Panel operation	Press one of the 1~4 Memory keys, for example memory 1. The panel settings saved in memory 1 are recalled. The key LED turns on. When the panel settings are modified, the LED turns off. 
Note	When a setting is recalled, the output automatically turns off.

REMOTE CONTROL

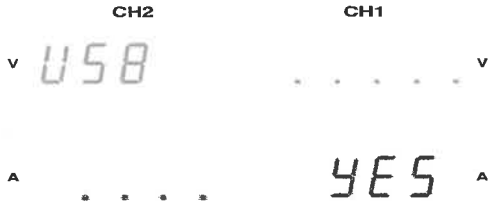
Remote Control Setup

Background	The GPD-X303S is capable of being remotely controlled via a USB connection.
Interface	 USB slave port, rear panel
COM setting	Set up the COM port inside the PC according to the following list. • Baud rate: 9600/57600 /115200 • Parity bit: None • Data bit: 8 • Stop bit: 1 • Data flow control: None
Functionality check	Run this query command via the terminal application such as MTTTY (Multi-threaded TTY). *IDN? This should return the identification information: Manufacturer, model name, serial number, firmware version. GW INSTEK, GPD-x303S, SN: xxxxxxxx, Vx.xx

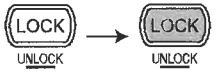
Remote Connection Step

Entering the remote control mode

1. Connect the USB cable to the slave port.
2. The connection will be automatically established, and the front panel shows a "USB...YES" message.



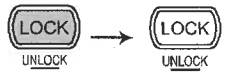
3. The power supply front panel is automatically locked (the Lock key will become activated).



Leaving the remote control mode

1. To exit remote mode either, 1) use the LOCAL command from the terminal connection, or 2) Press the LOCK key on the front panel to return to local mode, or 3) disconnect the USB cable from the rear panel.
2. The display shows "USB...NO" message.

3. The LOCK will no longer be lit when remote mode is off.



4. The power supply goes back to the local operation mode.

Command Details

ISET<X>:<NR2>

Description	Sets the output current for the selected channel.	
X	1= CH1, 2= CH2, (4303S: 3 = CH3, 4= CH4)	
<NR2>	Decimal number, range 0~3.200A	
Response time	Minimum 10ms	
Example	ISET1:2.234	Sets the CH1 output current to 2.234A.

ISET<X>?

Description	Returns the output current setting.	
X	1= CH1, 2= CH2, (4303S: 3 = CH3, 4= CH4)	
Response time	Minimum 10ms	
Example	ISET1?	Returns the CH1 output current setting.

VSET<X>:<NR2>

Description	Sets the output voltage.	
X	1: CH1, 2: CH2, (4303S: 3: CH3, 4: CH4)	
<NR2>	Decimal number, range 0~32.000V	
Response time	Minimum 10ms	
Example	VSET1:20.345	Sets the CH1 voltage to 20.345V

VSET<X>?

Description	Returns the output voltage setting.	
X	1: CH1, 2: CH2, (4303S: 3: CH3, 4: CH4)	
Response time	Minimum 10ms	
Example	VSET1?	Returns the CH1 voltage setting

IOUT<X>?

Description	Returns the actual output current.	
X	1: CH1, 2: CH2, (4303S: 3: CH3, 4: CH4)	
Response time	Minimum 10ms	
Example	IOUT1?	Returns the CH1 output current

VOUT<X>?

Description	Returns the actual output voltage.	
X	1: CH1, 2: CH2, (4303S: 3: CH3, 4: CH4)	
Response time	Minimum 10ms	
Example	VOUT1?	Returns the CH1 output voltage

TRACK<NR1>

Description	Selects the operation mode: independent, tracking series, or tracking parallel.	
NR1	0: Independent, 1: Series, 2: Parallel	
Response time	Minimum 10ms	
Example	TRACK0	Selects the independent mode