

# ViewSonic®



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## **vController** User Guide

For SW version v2.0.1.x

## Thank you for choosing ViewSonic

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Once again, thank you for choosing ViewSonic !



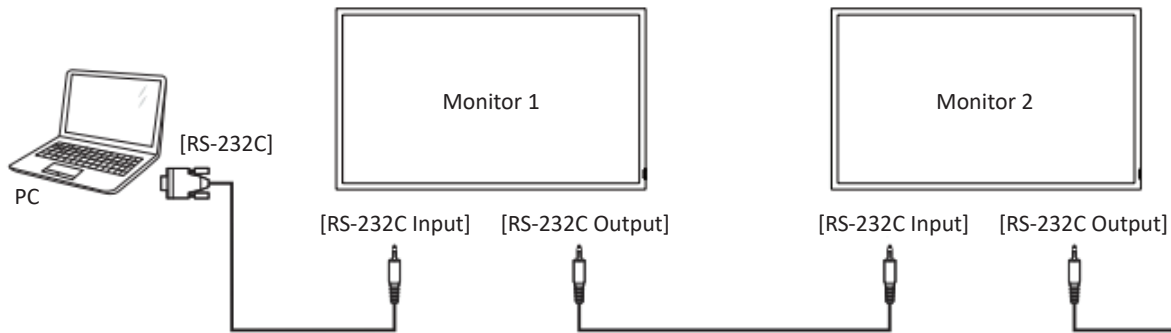
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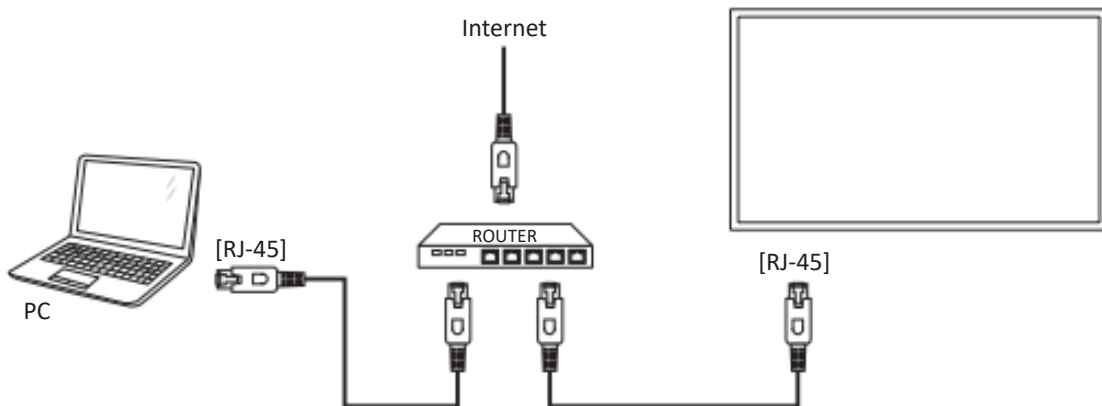
# 1. Hardware settings

Connect the monitor to the local area network or serial port. You may then use the computer to implement vController to remotely control the monitor.

## 1.1 RS232C connections



## 1.2 Software installation



Use the Ethernet cable to connect to this display via the router. Press the MENU button to display the OSD menu and set the monitor network settings.

## 2. User interface

vController 2.0 integrated RS232 and LAN command for monitor and projector. There are three main pages on the top of UI:

Start Up: monitor or projector selection provides RS232 or LAN communication connection, monitor identity code, switching the machine on and off, and the input signal settings.

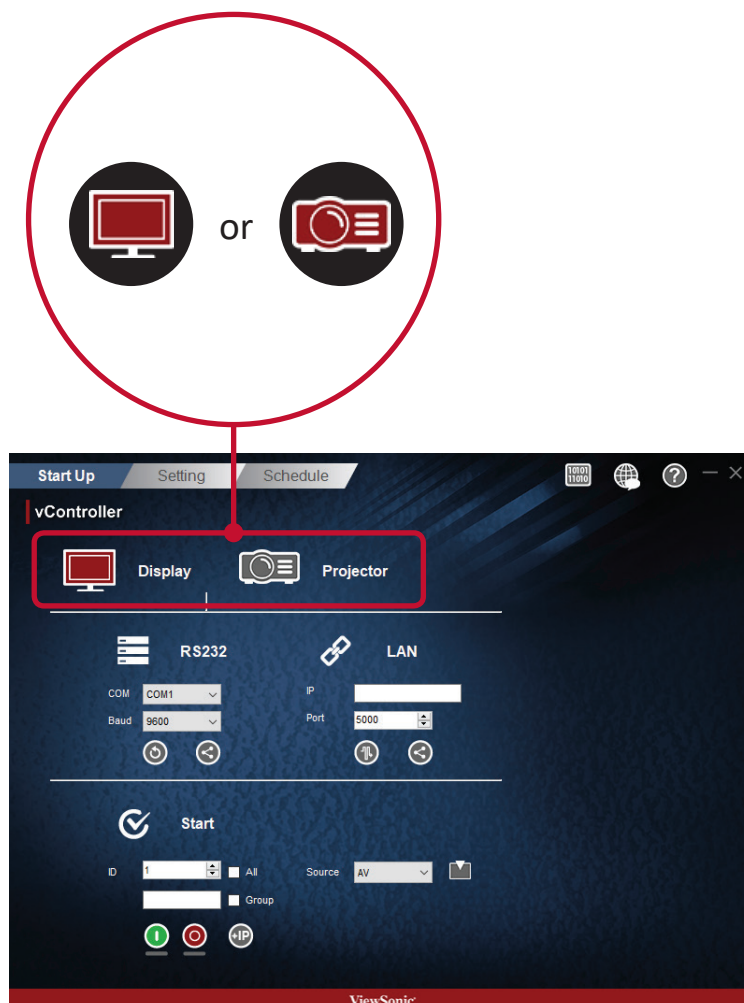
Setting: Allows the setting or getting of monitor/projector commands.

Schedule: Used to determine when the monitors or projector are to be switched on /off.

### 2.1 Start Up

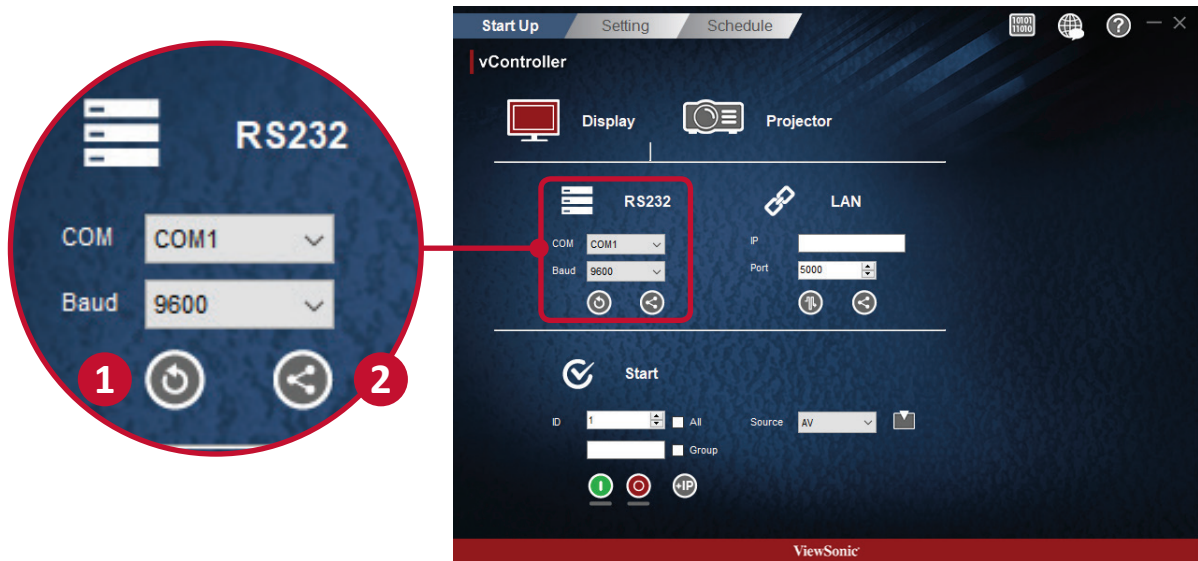
#### 2.1.1 Select Device




Press  to control the monitor or  to control projector.



## 2.1.2 RS232 settings

Use the following steps to perform the RS232 connection.




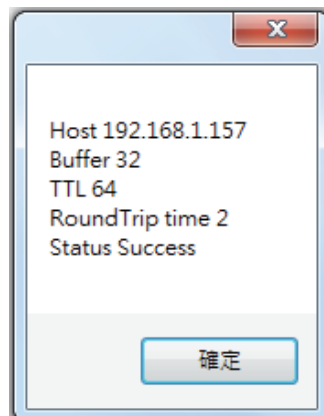
1. Press  to search for the RS232 connection ports and then select a corresponding hardware connection port.
  - Default baud rate is 9600.
2. Press  to connect to the RS232. When the RS232 has been successfully connected, the button will turn into .



### 2.1.3 Network settings

Use the following steps to perform the network settings.



1. Enter the IP address of the monitor in the IP address field. When the network settings interface is opened, press the  button to PING the IP address of the monitor to see if the connection is successful.

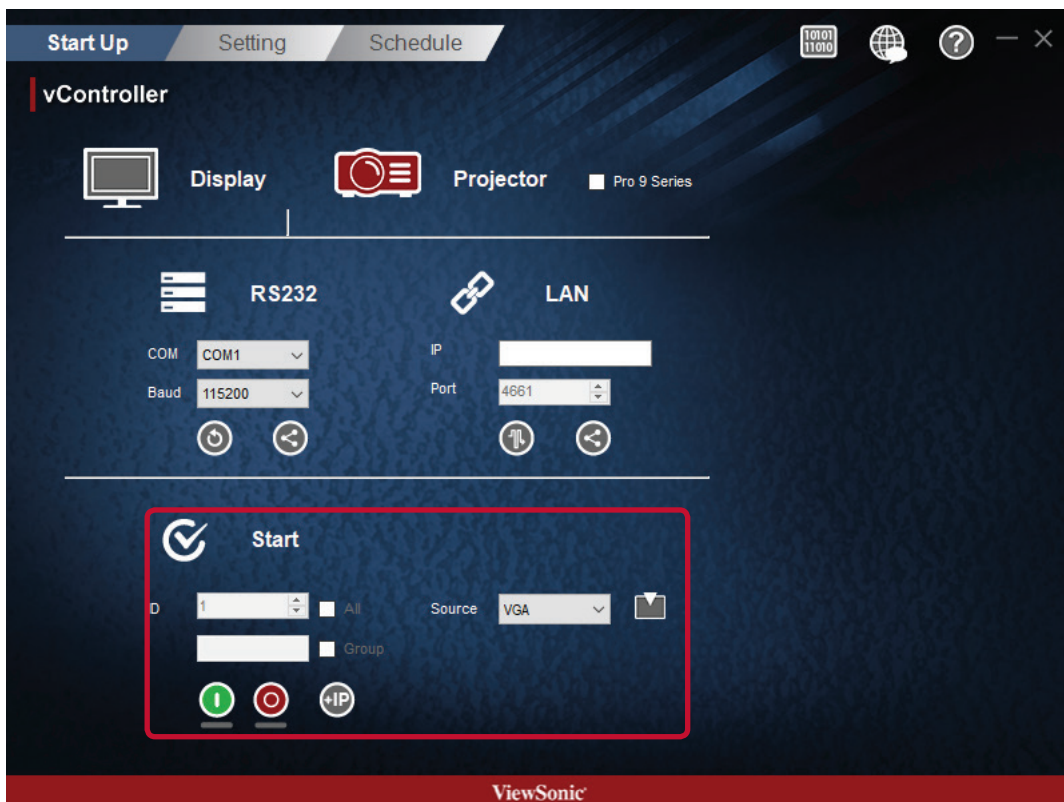


- Default port number is 5000.
2. Press  to connect to the network. When the network connection is successful, the button will turn into .

## 2.1.4 Start



Monitor Start Interface



Projector Start Interface



## Monitor identification number (ID)


Set a series of ID numbers which would be used when using the RS232C connection to control the monitor. When connected to multiple monitors, each monitor should have a unique ID. Select All to control all monitors.


**Note:** Only monitor support identification number.

## ID Group


Select Group and enter the ID numbers in the group field.

## On/Off buttons


Press the  button to switch the monitor on.

Press the  button to switch the monitor off


 Show that the monitor is On successful.

 Show that the monitor is On fail or status unknow.


 Show that the monitor is Off successful.

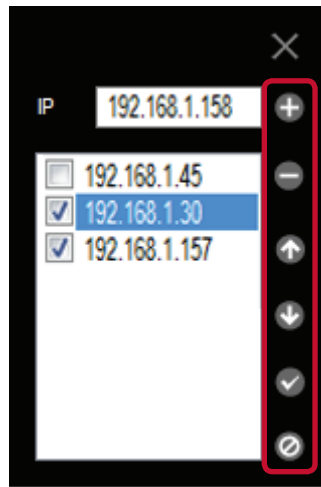
 Show that the monitor is Off fail or status unknow.

## SOURCE menu








Use the Source pull-down menu to select video and then press the  button to switch the input signal.

## IP Group

Press  button to set the IP group.







Enter the IP address of the monitor or projector in the IP address field.

- Press  button to add IP address into group.
- Press  button to remove IP address from group.
- Press  button to move up the focus IP address.
- Press  button to move down the focus IP address.
- Press  button to enable all IP address.
- Press  button to disable all IP address.
- Press  button to close IP group windows.





## 2.2. Setting

### 2.2.1. Setting / Getting buttons

- **Getting button**

Press the  button to read the RS232 or LAN commands. If the  is shown, the command would have been successfully read. If the  is shown, the command was not read or the command is not supported. If the  is shown, the get command was processing.

- **Setting the button**

Press the  button to set the RS232 or LAN commands. If the  is shown, the command would have been successfully read. If the  is showing, the command was not set or the command is not supported. If the  is shown, the set command was processing.

## 2.2.2 Monitor Setting

- Setup



Item	Functional descriptions	Commands supported	Devices supported
OSD Language	Select the language for the OSD interface.	Write	All devices
Power lock	Button used to activate or de-activate the power source.	Write / read	All devices
Button lock	Button used to activate or de-activate the control panel buttons.	Write / read	All devices
Menu lock	Button used to activate or de-activate the main menu buttons.	Write / read	All devices
DTV channel	Select the digital TV channel	Write	TV types
ATV channel	Select the analog TV channel	Write	TV types
Remote control	Choose whether to switch the remote control on /off or select the IR pass through mode. When the IR pass through mode has been activated, the name of the button would be displayed in the RC display frame when the remote control is pressed.	Write / read	All devices
Set-up wizard	Choose whether to switch the set-up wizard on/off (only for TV devices)	Write / read	TV types
Restore default	Return all settings to the default factory settings	Write	All devices
Ack	Tests the communication connections	Write	All devices

- **Picture**



Item	Functional descriptions	Commands supported	Devices supported
Contrast	Adjust contrast to improve display quality. The black portions of the image would be blacker, while the white portions would be whiter.	Write / read	All devices
Brightness	Adjust brightness of the image displayed	Write / read	All devices
Sharpness	Adjust and improve the image sharpness	Write / read	All devices
Backlight	Adjust the panel backlight	Write / read	All devices
Color	Use to add or decrease the color strength of the image.	Write / read	All devices
Tint	Use to add or decrease the tint of the image. Adding tint will make the image greener, while decreasing tint will make the image appear slightly purple.	Write / read	All devices
Color mode	Select the warmth of the color used for the image. Low warmth images would appear slightly red, while high warmth images will appear to be slightly bluish.	Write	All devices
Picture size	Select the picture size	Write	All devices

- **Audio**



Item	Functional descriptions	Commands supported	Devices supported
Sound	Switch the SRS effects on or off.	Write	Several TV types
Bass	Increase or lower the bass volume.	Write	All devices
Treble	Increase or lower the treble volume.	Write	All devices
Balance	Adjust the balance of the left and right channels	Write	All devices
Volume	Adjust the monitor volume	Write / read	All devices
Mute	Mute or unmute the monitor speakers	Write / read	All devices







- Tiling



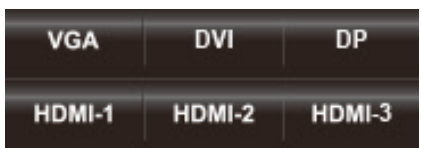

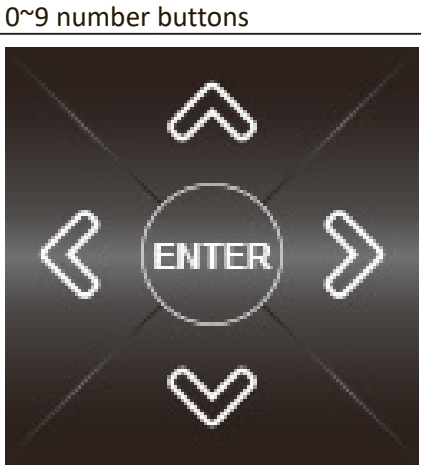
Item	Functional descriptions	Commands supported	Devices supported
Tiling-Mode	This function allows users to establish a large array of monitors (TV walls). This function requires daisy chain connections. The maximum number of monitors to be arranged horizontally / vertically would depend on the specifications of the monitors used.	Write / read	TV wall type (CDX)
Tiling-Compensation	Switch the tiling-compensation function on or off. When switched on, the monitors would adjust the image in order to compensate for the width of the border frames and provide an accurate and precise display of the images.	Write / read	
Tiling-H by V Monitors	Select the number of monitors in the horizontal / vertical directions	Write / read	
Tiling-Position	Designate the position of the monitor in the monitor tiling matrix.	Write / read	

- **Keypad**



Item	Functional descriptions	Commands supported	Devices supported	
	Power On button	Press this button to power on device.	Write	Several TV types
	Power Off button	Press this button to power off device.	Write	All devices
	Menu button	Press this button to access the OSD menu	Write	All devices
	Volume down button	Press this button to decrease the audio output level.	Write	All devices
	Volume up button	Press this button to increase the audio output level.	Write	All devices
	Mute button	Press this button to turn the mute function on/off.	Write	All devices



	<p>Press button to select the input source</p>	<p>Write</p>	<p>All devices</p>
	<p>Select the desired number by pressing the 0~9 buttons</p>	<p>Write</p>	<p>All devices</p>
	<p>Move the selection row up/down/left/right or adjust the selected item in the OSD interface. And ENTER button to confirm the action</p>	<p>Write</p>	<p>All devices</p>

- Macro



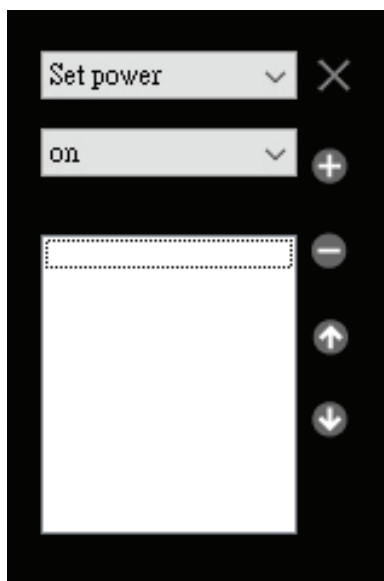
There are 5 group macro for user to define.

1. Group Name

- Key in group name here



2. Press Edit icon  to add command to Macro instruction set.










- Drop-down menu to select command.

Set power ▾

- Drop-down menu to select command data.

on ▾

- Press  button to command into group.
  - Press  button to remove command from group.
  - Press  button to move up the focus command.
  - Press  button to move down the focus command.
  - Press  button to enable all IP address.
  - Press  button to close macro edit.
- 3.** Press Play icon  to run the Macro instruction set

## 2.2.3 Projector Setting

- Setup



Pro 9 Series no selected



Pro 9 Series selected

Item	Functional descriptions	Commands supported	Devices supported
OSD Language	Select the language for the OSD interface.	Write	Supported Non-Pro 9 Series model
Reset all	Return all settings to the default factory settings	Write	All devices
Reset color		Write	Supported Non-Pro 9 Series model

- **Picture (Only support Pro 9 Series)**

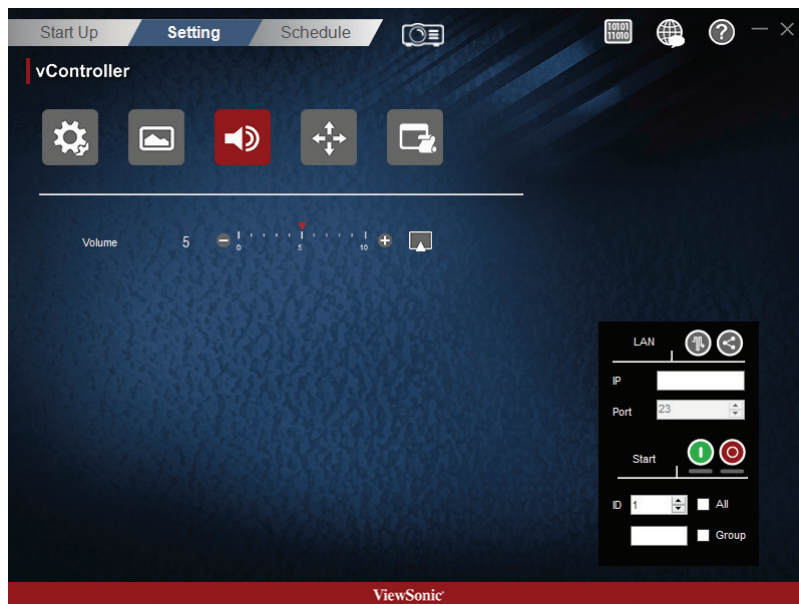


Item	Functional descriptions	Commands supported	Devices supported
Contrast	Adjust contrast to improve display. The black portions of the image would be blacker, while the white portions would be whiter.	Write/read	Support Pro 9 Series only
Brightness	Adjust brightness of the image displayed.	Write/read	Support Pro 9 Series only

- Audio



Pro 9 Series no selected



Pro 9 Series selected

Item	Functional descriptions	Commands supported	Devices supported
Volume	Adjust the projector volume	Write / read	All devices
Mute	Mute or unmute the projector speakers	Write / read	Supported Non-Pro 9 Series model



- Keypad






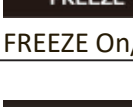






Pro 9 Series no selected

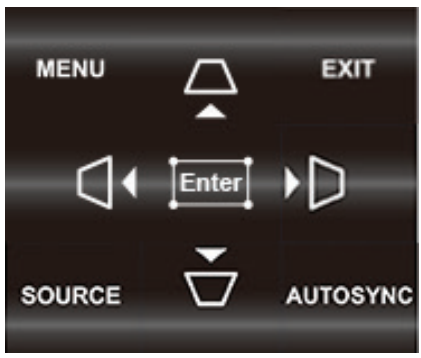

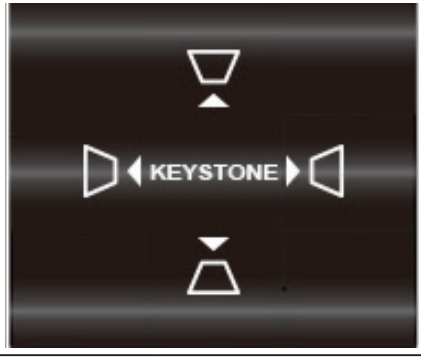



Pro 9 Series selected

Item	Functional descriptions	Commands supported	Devices supported	
	Power On button	Press this button to power on device.	Write	Several TV types
	Power Off button	Press this button to power off device.	Write	All devices

	ECO mode button		Write	All devices
	LAMP mode button	Press the button to cycle among ECO, Normal, and Dynamic ECO	Write	Support Pro9 series only
	Audio mode button		Write	All devices
	BLANK On/Off button		Write	All devices
	FREEZE On/Off button		Write	All devices
	Volume down button	Press this button to decrease the audio output level.	Write	Supported Non-Pro 9 Series model
	Volume up button	Press this button to increase the audio output level.	Write	Supported Non-Pro 9 Series model
	Mute button	Press this button to turn the mute function on/off.	Write	Supported Non-Pro 9 Series model
	PICTURE mode button		Write	All devices
	ASPECT ratio button		Write	All devices



	<ol style="list-style-type: none"> <li>1. Move the selection row up/ down/left/right or adjust the selected item in the OSD interface.</li> <li>2. ENTER button to confirm the action</li> <li>3. MENU button access the OSD menu</li> </ol>	Write	Supported Non-Pro 9 Series model
 <p>Source switch button</p>	Press button to select the input source.	Write	Supported Non-Pro 9 Series model
	Move the selection row up/ down/ left/right or adjust the selected item in the OSD interface.	Write	Supported Pro 9 Series model only
 <p>Source switch button</p>	Press button to select the input source.	Write	Supported Pro 9 Series model only

- Macro



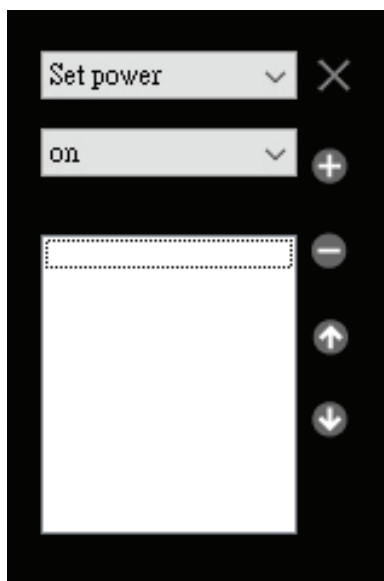
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- Drop-down menu to select command.

Set power ▾

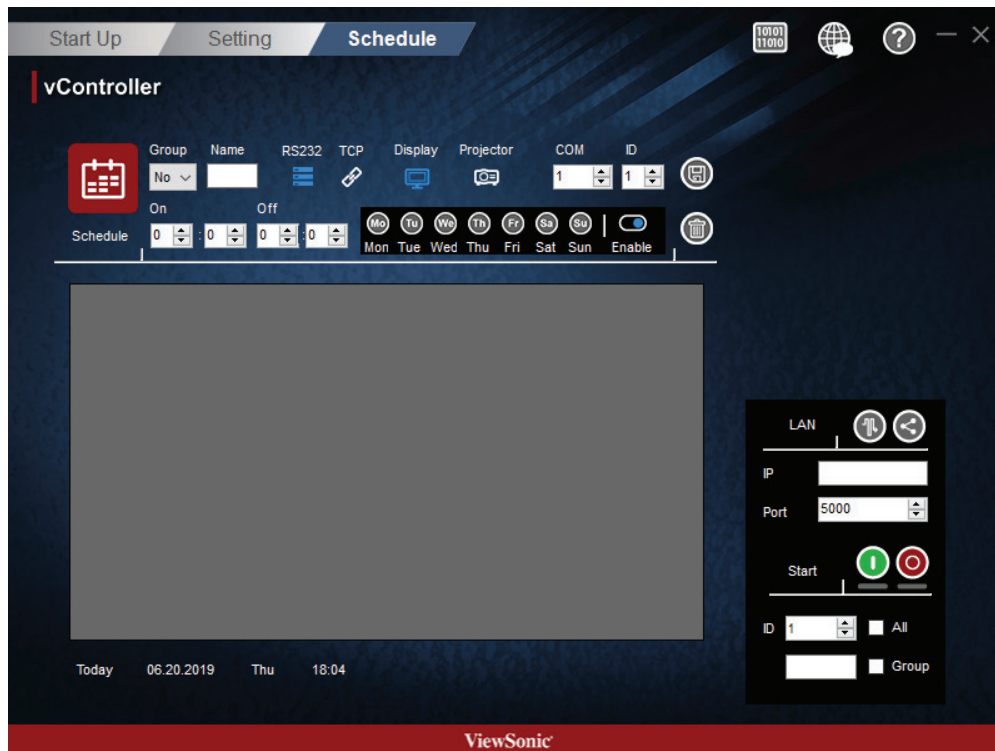
- Drop-down menu to select command data.














on ▾

- Press  button to command into group.
  - Press  button to remove command from group.
  - Press  button to move up the focus command.
  - Press  button to move down the focus command.
  - Press  button to enable all IP address.
  - Press  button to close macro edit.
- 3.** Press Play icon  to run the Macro instruction set

## 2.3 Schedule

Pre-set schedules can be used to determine when the monitors are to be switched on /off. Be reminded that in order for this function to work and the monitor switched on/off according to schedule, the vController software must be kept running.

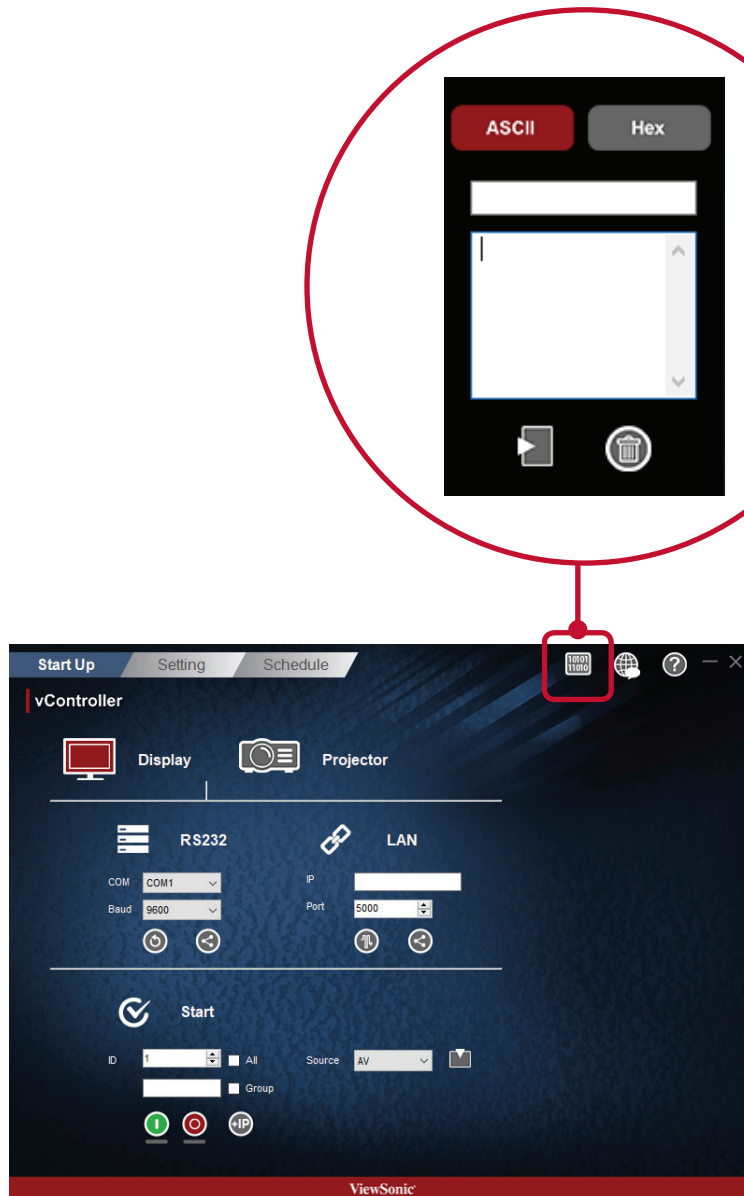


- **Group:** Group On or Off schedule. You can select Group A to H or No group.
- **Name:** Type a schedule name.
- **Protocol:** Press  for RS232 or  for LAN.
- **Device:** Press  for Display or  for Projector.
- **COM:** Set the RS232 COM port.
- **ID:** Select display ID.
- **On:** Set the time to switch on the monitor (hours , minutes)
- **Off:** Set the time to switch off the monitor (hours , minutes)
- **A week:** Press        to select the days of the week.
- **Enable:** Enable or disable this schedule.
- **Save:** The schedule will only come into force after pressing the  button to store the schedule.
- **Delete:** Press the  button to delete the schedule.


### 3. Command Mode

Press **10101**  
**11010** to enter the command mode. The figure below shows the Command mode interface. Perform the following steps:

- Select ASCII or Hex, and then manually enter the Command.



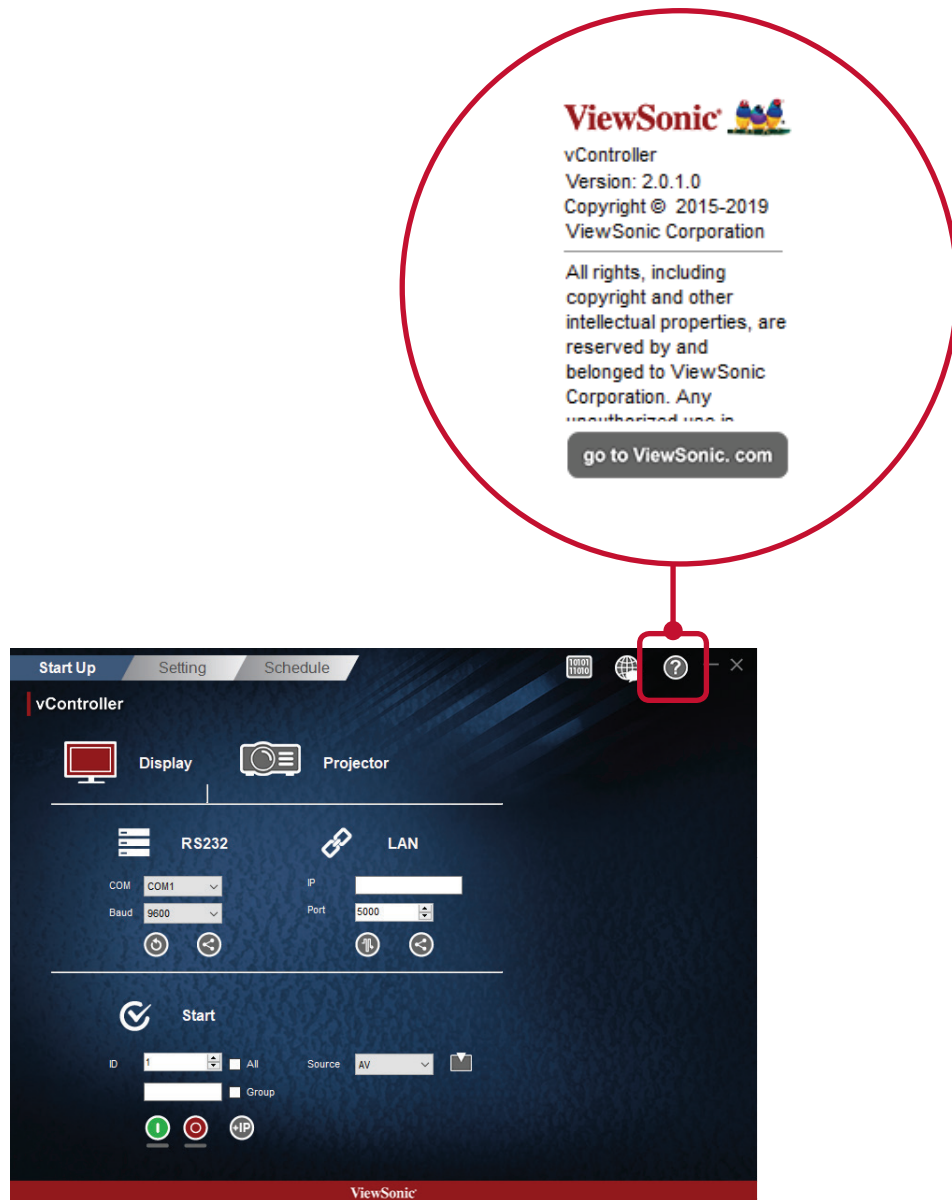
## 4. Language

Press the  button to select the language.



## 5. About

Press the  button to monitor the software version and copyright notice.



## 6. Other Information

### Customer Support

For technical support or product service, see the table below or contact your reseller.

**NOTE:** You will need to provide the product serial number.

Country/Region	Website	T= Telephone C = CHAT ONLINE	Email
Australia New Zealand	www.viewsonic.com.au	AUS= 1800 880 818 NZ= 0800 008 822	service@au.viewsonic.com
Canada	www.viewsonic.com	T = 1-866-463-4775	customerservice@viewsonic.com
Europe	www.viewsoniceurope.com	<a href="http://www.viewsoniceurope.com/eu/support/call-desk/">http://www.viewsoniceurope.com/eu/support/call-desk/</a>	
Hong Kong	www.hk.viewsonic.com	T= 852 3102 2900	service@hk.viewsonic.com
India	www.in.viewsonic.com	T= 1800 419 0959	service@in.viewsonic.com
Korea	ap.viewsonic.com/kr/	T= 080 333 2131	service@kr.viewsonic.com
Latin America (Argentina)	www.viewsonic.com/la/	C= <a href="http://www.viewsonic.com/la/soporte/servicio-tecnico">http://www.viewsonic.com/la/soporte/servicio-tecnico</a>	soporte@viewsonic.com
Latin America (Chile)	www.viewsonic.com/la/	C= <a href="http://www.viewsonic.com/la/soporte/servicio-tecnico">http://www.viewsonic.com/la/soporte/servicio-tecnico</a>	soporte@viewsonic.com
Latin America (Columbia)	www.viewsonic.com/la/	C= <a href="http://www.viewsonic.com/la/soporte/servicio-tecnico">http://www.viewsonic.com/la/soporte/servicio-tecnico</a>	soporte@viewsonic.com
Latin America (Mexico)	www.viewsonic.com/la/	C= <a href="http://www.viewsonic.com/la/soporte/servicio-tecnico">http://www.viewsonic.com/la/soporte/servicio-tecnico</a>	soporte@viewsonic.com
Nexus Hightech Solutions, Cincinnati #40 Desp. 1 Col. De los Deportes Mexico D.F. Tel: 55) 6547-6454 55)6547-6484 Other places please refer to <a href="http://www.viewsonic.com/la/soporte/servicio-tecnico#mexico">http://www.viewsonic.com/la/soporte/servicio-tecnico#mexico</a>			
Latin America (Peru)	www.viewsonic.com/la/	C= <a href="http://www.viewsonic.com/la/soporte/servicio-tecnico">http://www.viewsonic.com/la/soporte/servicio-tecnico</a>	soporte@viewsonic.com
Macau	www.hk.viewsonic.com	T= 853-2833-8407	service@hk.viewsonic.com
Middle East	ap.viewsonic.com/me/	Contact your reseller	service@ap.viewsonic.com
Puerto Rico & Virgin Islands	www.viewsonic.com	T= 1-800-688-6688 (English) C= <a href="http://www.viewsonic.com/la/soporte/servicio-tecnico">http://www.viewsonic.com/la/soporte/servicio-tecnico</a>	service.us@viewsonic.com soporte@viewsonic.com
Singapore/ Malaysia/Thailand	www.ap.viewsonic.com	T= 65 6461 6044	service@sg.viewsonic.com
South Africa	ap.viewsonic.com/za/	Contact your reseller	service@ap.viewsonic.com
United States	www.viewsonic.com	T = 1-800-688-6688	customerservice@viewsonic.com





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