CR-KP1 15-Button Wall Plate Control Keypad



Operation Manual

SAFETY PRECAUTIONS

Please read all instructions before attempting to unpack, install or operate this equipment and before connecting the power supply. Please keep the following in mind as you unpack and install this equipment:

- Always follow basic safety precautions to reduce the risk of fire, electrical shock and injury to persons.
- To prevent fire or shock hazard, do not expose the unit to rain, moisture or install this product near water.
- Never spill liquid of any kind on or into this product.
- Never push an object of any kind into this product through any openings or empty slots in the unit, as you may damage parts inside the unit.
- Do not attach the power supply cabling to building surfaces.
- Use only the supplied power supply unit (PSU). Do not use the PSU if it is damaged.
- Do not allow anything to rest on the power cabling or allow any weight to be placed upon it or any person walk on it.
- To protect the unit from overheating, do not block any vents or openings in the unit housing that provide ventilation and allow for sufficient space for air to circulate around the unit.

REVISION HISTORY

VERSION NO.	DATE (DD/MM/YY)	SUMMARY OF CHANGE
RDV3	12/01/16	Revised Telnet Command,
		Add hot key and IP reset, PC
		application software

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1. INTRODUCTION

The Wall-Plate Control System box is a fantastic and useful design for system installer and smart home user. With 15 direct macro buttons and extra 15 macro in WebGUI control which allows up to 16 commands to be execute, within one push and a total of 128 commands capacity inside this box that can bring out a set of scenes in a seconds. Soft and colorful LED design fitting all environment purpose and PoE (Power over Ethernet) function ease power supply issue without extra DC power burden. Further, relay outputs design and scheduling function control settings can trigger master switch or any main switch of the installation environment that brings the world of control to whole.

2. APPLICATIONS

- Smart Home Installation
- Control Center
- Functional Room
- Show Room
- Ballroom

3. PACKAGE CONTENTS

- 1×Wall Plate Control Keypad
- 1×USB Type A to Mini USB OTG Connector
- 2×3.5mm Terminal Block Pitch
- 1×5V/2.6A DC Power Adaptor
- 1×Button Stickers (60pcs)
- 1×Operation Manual

4. SYSTEM REQUIREMENTS

Active internet connection from Hub or Router and output to DC controllable device.

5. FEATURES

- 30 macro buttons with up to 128 commands to implant for control system
- Supports Relays to control on/off of other devices
- Supports Scheduling control system and settings
- Supports Schedule memory over power blackout up to 48 hrs
- Supports daylight saving timing system
- Supports Key Pad, Telnet and WebGUI controls
- Supports PoE function or DC power supply selection
- UK 2 Gang wall plate design with adjustable LED dim light
- Multiple uses for home, hotel room central control or conference room and etc.

6. OPERATION CONTROLS AND FUNCTIONS

6.1 Front Panel and Key sequence



1 Macro Buttons 1~15: Each buttons has 2 colors of LEDs adjustable from dim 0~100% and can be insert up to 16 commands. (Further detail settings please refers to section 6.7 WebGUI Control.)



When remove front plate, there is arrow sticker to point out the place of first key. The sequence of key number increase is follow arrow direction.

6.2 Rear Panel



- 1 IP Control: Connect from PC/Laptop with active internet service or Telnet or WebGUI control with RJ-45 terminated cable. This slots supports PoE PD 48V function which means when the connected server/Hub support PSE 48V it can be powered without DC supply connection.
- **2 DC 5V:** Plug the 5V DC power adaptor included in the package and connect to AC wall outlet for power supply.
- **3 RELAY OUT:** Connect with device that supports DC 0~24V/8A power or signal that supports relay function.

6.3 Telnet Commands

COMMAND	DESCRIPTION	PARAMETER
IPCONFIG	Display the current IP configure	NONE
SETIP N, N1,N2	Set Ethernet IP, net mask	N=IP
	and gateway address	XXX.XXX.XXX.XXX(0~255)
		N1= net mask
		XXX.XXX.XXX.XXX(0~255)
		N2= gateway
		XXX.XXX.XXX.XXX(0~255)
SIPADDR XXX.	Set ethernet IP address	XXX=0~255
XXX.XXX.XXX		
SNETMASK XXX.	Set Ethernet net mask	XXX=0~255
XXX.XXX.XXX		
SGATEWAY XXX.	Set Ethernet gateway	XXX=0~255
XXX.XXX.XXX		
VER	Show unit firmware	NONE
	version	
SIPMODE N	Set Ethernet IP Mode	N=STATIC/DHCP
FADEFAULT	All configure set to	NONE
	factory default	
ETH_FADEFAULT	All Ethernet configure	NONE
	set to factory*	
REBOOT	System reboot	NONE
HELP (?)	Show command list	NONE
HELP N	Show descript of	N=COMMAND NAME
	command	

COMMAND	DESCRIPTION	PARAMETER
RELAY N N1	Relay control	N =PORT(1~2)
		N1=OPEN/CLOSE/
		TOGGLE
LEDBLUE N N1	Led blue backlight	N = LED NO.(1~15)
	control	N1=% (0-100)
LEDRED N N1	Led red backlight	N = LED NO.(1~15)
	control	N1=% (0-100)
LEDBLUES N	All blue led backlight	N=% (0-100)
	control	
LEDREDS N	All red led backlight	N=% (0-100)
	control	
LEDSHOW N	Led dimming mode	LEDSHOW N
	CONITOI	N=ON/OFF/TOGGLE
BACKLIGHT N	All led backlight control	N=% (0-100)
KEY_PRESS N	Key press trigger type	KEY_PRESS N RELEASE
RELEASE		(Detault)
KEY_PRESS N		N=KEY NUMBER
HOLD		
		KEY_PRESS N HOLD
		N=KEY NUMBER
MACRO RUN N	Macro control	MACRO RUN N
MACRO STOP		N=MACRO ID (1~30)
MACRO STOP N		
		MACRO STOP
		(Stop All)
		MACRO STOP N
		N=MACRO ID (1~30)

Note:

- 1. Any commands will not be executed unless followed by a carriage return. Commands are case-insensitive.
- 2. *Command reset IP address back to factory default only.

6.4 Software Application

Please download the software from <u>www.cypress.com.tw</u> with file name CDPS V2.000 and save it in a directory where you may use it later.

Note: The default setting of the IP address is DHCP mode.

Connect the Control System with PC/Laptop through the Ethernet port through an active network system and open the CDPS V2.000 application. Click on Find Devices on Network and a list of the devices connected to the Control System will show up.

Find Devices on Network										
	Product Name	Description	IP Address	MAC Address						

Then user may use the IP Address to find the control device through Telnet or WebGUI tools.

MAC Address	F8:22:85:00:40:19
IP Address	192.168.1.50
Subnet Mask	255.255.255.0
Gateway IP	192.168.1.254
DNS	0.0.0
IP Mode	Static 💌
Web GUI Port	80
Telnet Port	23
S / N	SN:2236
Firmware Version	v1.
Hardware Version	v1.00

6.5 Telnet Control

Before attempting to use the Telnet control, please ensure that both the Wall Plate (via the 'LAN/CONTROL' port) and the PC/Laptop are connected to the same active networks.

To access the Telnet control in Windows 7, click on the 'Start' menu and type "cmd" in the Search field then press enter.

Under Windows XP go to the 'Start' menu and click on "Run", type "cmd" with then press enter.

Under Mac OS X, go to Go \rightarrow Applications \rightarrow Utilities \rightarrow Terminal See below for reference.



Once in the command line interface (CLI) type "telnet", then the IP address of the unit and "23", then hit enter.



This will bring us into the unit which we wish to control. Type "help" to list the available commands.

Welcome to TEL	NE	
>help		
HELP		SHOW DESCRIPT OF COMMAND
		USE <help n="COMMAND" n,="" name=""> TO SHOW DESCRIPT OF COMMAND</help>
?		SHOW DESCRIPT OF COMMAND
		USE N, N=COMMAND NAME TO SHOW DESCRIPT OF COMMAND
IPCONFIG		DISPLAY THE CURRENT IPCONFIG
SETIP		SET ETHERNET IP, NETMASK AND GATEWAY ADDRESS
SIPADDR		SET ETHERNET IP ADDRESS
SNETMASK		SET ETHERNET NETMASK
SGATEWAY		SET ETHERNET GATEWAY
S I PMODE		SET ETHERNET IP MODE
VER		SHOW UNIT FIRMWARE VERSION
FADEFAULT		ALL CONFIGURE SET TO FACTORY DEFAULT
ETH_FADEFAULT		ALL ETHERNET CONFIGURE SET TO FACTORY DEFAULT
REBOOT		SYSTEM REBOOT
RELAY		RELAY CONTROL
LEDBLUE		LED BLUE BACKLIGHT CONTROL
LEDRED		LED RED BACKLIGHT CONTROL
KEY_PRESS		KEY PRESS TRIGGER TYPE
MACRO		MACRO SETTING
LEDBLUES		ALL BLUE LED BACKLIGHT CONTROL
LEDREDS		ALL RED LED BACKLIGHT CONTROL
BACKLIGHT		ALL LED BACKLIGHT CONTROL
LEDSHOW		LED DIMMING MODE CONTROL
TELNET_TIMEOUT	:	SET TELNET TIME OUT ON/OFF

Note: Commands will not be executed unless followed by a carriage return. Commands are case-insensitive. If the IP is changed then the IP Address required for Telnet access will also change accordingly.

6.6 WebGUI Control

On a PC/Laptop that is connected to an active network system, open a web browser and type device's IP address on the web address entry bar. A security page will appear to ask for User and Password, please key in "admin" for both and click Submit to enter.

Note: The default setting of the IP address is DHCP mode.

Login	
Username Passv/ord	
	Submit

The browser will display the device's Macro Settings, Extension Macro, Command Settings, Schedule, Network Settings, System Settings and Time Settings pages for users to control.



The Background Light bar allows user with instant change on the LEDs lighting percentage base on the orignial illuminate setting.



There are 6 Macro inserted as default setting for testing the Wall-Plate Control System's functionality. Click on Macro 1~6 to demonstrate the function of lighting LEDs.

- Macro 1: Light up the Red backlight LED with 100% brightness sequentially from 1~15 with every 500ms
- Macro 2: Light up the Blue backlight LED with 100% brightness sequentially from 1~15 with every 500ms
- Macro 3: Switch off all the red backlight LED with 0% brightness
- Macro 4: Switch off all the blue backlight LED with 0% brightness
- Macro 5: LED show mode toggle, switch off Demo Mode
- Macro 6: Light up the Blue backlight LED with 10% brightness, Switch off all the blue backlight LED with 0% brightness, switch Off & On Relay 1 and switch Off & On Relay 2 with delay of 1000ms

To disable default testing mode, click on Demo Mode/Macro 5 to switch it off.

Click on the \swarrow mark to edit the command settings. $\land \lor$ Up/down arrows are to move the command up or down and $\textcircled{l}_{\textcircled{b}}$ button is to delete the command.



Click on I Insert button/Add to insert commands. Command can be set to control the Wall-Plate Control Box/SysCMD, other devices connected within the same Telnet system/Internet area and Relay devices connected through the Relay outputs of Wall-plate Control Box with delay time. It is suggested the delay time is >100ms once the setting is confirmed, double click on Save Change.

								Concert Lease					
								100-800 x NIN	UD BUE 5 NIN	1016	NH	3010	NINE
arro 1 JED RED 100%							1	100-800 2 KBM	UD BUE \$ 505	NONE	894	HONE	1016
LIOT-LED KED 100%							- 11	100-800 3 KMN	UD BUIC? NON	1006	894	3404	NNE
D RED 100% X							11	USD-RED A HOM	UD BUILE HORE	NONE	NH	3404	NONE
cro Command						1	//	USD-BED-5 Harr	LOD BLUE 9 NON	HONE	NH	3404	HONE
	2	ir	10	1		1.		UID-BID-6 HON	US BUILT IN HOM	HONE	NH	NONE	HONE
Command Name	Interface	Param 1	Param 2	Delay(ms)				UID-MD 7 KBK	US BUR II KON	HONE	NO4	HORE	HONE .
ED RED 1 100%	SwCMD			500	14			UNCREASE FURN	COPIELIE NO FAIR	1010	104	104	100
2011201100%	Gybomb						* 4 9 4	LED BED ID BER	LES BUE IS NOT	NOR.	104	NOR.	104
ED RED 2 100%	SINCMD				185	~15		UPD BED 11 MER	173 8 17 13 103	104	104	NOR.	104
				1	1.22		- 40 4	LED MED 12 MERS	ALL UD AD OT	ION	NM.	HOE	HOM.
ED RED 3 100%	SVSCMD			500	105	~		LED MED 13 MICH	U2 effects basie	HOME	101	NOVE	HOME .
			-	1	1484			LED RED 14 MER	ALLID N.K. IN	ION	101	NONE	HONE.
ED RED 4 100%	SVSCMD			500	100	~		LED RED 19 1971	ALL UD BUE OFF	1015	896	NONE	HONE .
			1				40 4	LED BLUE 1 NOT	REAV 1 CUDIE	HONE	896	NONE	HONE.
ED RED 5 100%	SVSCND		1.	500	1995	٨ll·	∠lhalh	122 20 21 212	80.411.04DX	1016	894	NOVE	HONE.
			<u> </u>			_		LED-RULE 5 MICH	RE-47 1 0.0%	HONE	NM	NONE	NONE
ED RED 6 100%	SysCMD	.//		500	186 J	$\sim \cdot$	∠ ha h	LED BLUE 4 MICH	R0.452 DPDN	HONE	NH	NONE	NINE
			<u> </u>	J	_ <u></u>								
D RED 7 100%	SysCMD	1.	-	500	(職)	~ `	~ bo b						
D RED 8 100%	SysCMD	/ .		500	·	~		1	1				
						-ŀ		Set Destination					×
ED RED 9 100%	SysCico			500	1證 /	\sim	∕ bab						
			1		1.00	=+-		0.0.000					
ED RED 10 100%	SYECMD			500	100	^ `	∕ bo b	Deray(ms)	100				
	1		i——	1	1.80	=ŀ		Interface	CN CN				
ED RED 11 100%	SysCMD			500	100	^ `	∕ b⊘b	TU	ET				
/	1		i —		1287	. 1		Rela	()				
ED RED 12 100%	SysCMD			500	100	$\sim $	1						
50.050 40.400 V	0.4010		i		100	- 10							
ED RED 13 100%	JOINCMD			500	122 1	\sim	~ 10 1						
ED RED 14 1008	Ow CMD			600	105	~15						Save Charges	Cancel
	U		· ·	300	122 (<u> </u>	~ HO T					Sanc coulder	
	8/sCMD			500	185	_Γ							
ED RED 18 100%	a systematic				1.000	<u> </u>	104						
ED RED 1/ 100%													

Command set to control the devices within the same telnet system or internet area require to set its IP and Port number and it is strongly recommand to set the delay time >500ms in order to secure a successful command sending. Once the setting is done click on Save Changes.

Set Destinatio	n	
Delay(ms)	500	
Interface	TELNET 🗸	
Telnet IP	192.168.	
Port	23	
		Save Change Cancel

Command set to control the Relay devices require to set the Port number. Click on Save Change to confirm the setting.

Set Destinatio	n	×
Delay(ms) Interface Port	Relay	
		Save Change Cancel

Click on 'Extension Macro' to execute/edit more Macro action up to 15 more.



Click on 'Command Settings' to insert new commands or delete commands. Command under 128 characters including space can be build up to 128 commands, command over 128 characters and under 512 characters including space can be build up to 32 command in addition with 96 commands of 128 characters under. Click on Save Change to save the command inserted.

SIOIT MACTO	Command Name	•	Command	Edit	Delete
ind Settings	LED RED 1 100%		LEDRED 1 100x0dw0a	Edit	Remove
hedule	LED RED 2 100%		LEDRED 2 100w0dw0a	Edit	Remove
cript	LED RED 3 100%		LEDRED 3 100x0dx0a	Edit	Remove
rk Settings	LED RED 4 100%		LEDRED 4 100w0dw0a	Edit	Remove
n Settings	LED RED 5 100%		LEDRED 5 100w0dw0a	Edit	Remove
LED RED 6 100%			LEDRED 6 100x0dw0a	Edit	Remove
	LED RED 7 100%	Corr	nmand 1 Edit	Edit	Remove
	LED RED 8 100%			Edit	Remove
	LED RED 9 100%	Con	nmand Label	Edit	Remove
	LED RED 10 100%	LED	RED 1 100% X	Edit	Remove
_	LED RED 11 100%	Con	mmand - Warring: " Will be change \x22	Edit	Remove
	LED RED 12 100%		RED 1 100 WORK OB	Edit	Remove
	LED RED 13 100%		× • • • •	Edit	Remove
	LED RED 14 100%			Edit	Remove
	LED RED 15 100%		Save Change Cancel	Edit	Remove
	ED BLUE 1 100%			Edit	Remove

Click on 'Schedule' to set the executing time schedule of the Macro(s).

Note: The scheduling system support up to 48hrs of memory under power blackout after that the system will reset the time automatically back to 2015/01/01 00:00:00.

Aacro Settings	Sebadu										
xtension Macro	Schedu	le								- 1	
ommand Settings	Repeat							,		_	
Schedule	Active	We	ekly	Hour	Minute	Second	Macro	Edit	Delete	î.	
otwork Sottings	v	F	ri	14	31	36	LED RED 100%	Edit	Remove		
Sector Cathings	V	F	ri	14	31	22	RED LED OFF	Edit	Remove		
system settings	v	Thu,	Fri,Sat	14	27	46	LED RED 100%	Edit	Remove		
Time Settings				00	00	00		Edit	Remove		
				00	00	00		Edit	Remove		
				00	00	00		Edit	Remove	-	
	Once									.	
	Active	Month	Date	Hour	Minute	Second	Macro	Edit	Delete	÷.	
		00	00	00	00	00		Edit	Remove		
		00	00	00	00	00		Edit	Remove		
		00	00	00	00	00		Edit	Remove		
		00	00	00	00	00		Edit	Remove		
		00	00	00	00	00		Edit	Remove	- 1	
		00	00	00	00	00		Edit	Remove		
			1 I	r	1		1	-		· .	1400

				×
Active				
ACTIVE				
Weekly				
Mon Tue	Ned 🗌 Thu	🗌 Fri	Sat 🛛 :	Sun
Time				
00:00:00		Time	00:00:00	
Macro/Extension Macro		Hour		
NONE		Minute		
		Count		,
		Second		
				Cancel
		Now	Done	
Macro/Extension Macro Select		Now	Done	
Macro/Extension Macro Select		Now	Done	
Macro/Extension Macro Select Macro Macro 1 - LED RED 100%	Macro 2	- LED BLUE 100%	Macro 3 - Ri	ED LED OFF
Macro/Extension Macro Select Macro Macro 1 - LED RED 100% Macro 4 - BLUE LED OFF	Macro 2 Macro 5	- LED BLUE 100%	Macro 3 - RI Macro 3 - RI	ED LED OFF
Macro/Extension Macro Select Macro Macro 1 - LED RED 100% Macro 4 - BLUE LED OFF Macro 7 - KEY 7	Macro 2 Macro 5 Mac	- LED BLUE 100% - LED/RLY DEMO - ro 8 - KEY 8	Macro 3 - Ri Macro 6 Macro 9	ED LED OFF - KEY 6 - KEY 9
Macro / Extension Macro Select Macro Macro 1 - LED RED 100% Macro 4 - BLUE LED OFF Macro 7 - KEY 7 Macro 10 - KEY 10	Macro 2 Macro 5 Mac	- LED BLUE 100% - LED/RL/Y DEMO rro 8 - KEY 8 o 11 - KEY 11	Macro 3 - RI Macro 6 Macro 9 Macro 9	ED LED OFF - KEY 6 - KEY 9 - KEY 12
Macro Fatero Select Macro Macro 1 - LED RED 100% Macro 1 - KEY 7 Macro 7 - KEY 7 Macro 10 - KEY 10 Macro 13 - KEY 13	Macro 2 Macro 5 Macro Macro Macro	- LED BLUE 100% - LED /RLY DEMO xro 8 - KEY 8 o 11 - KEY 11 o 14 - KEY 14	Macro 3 - RI Macro 6 Macro 7 Macro 12 Macro 12	ED LED OFF - KEY 6 - KEY 9 - KEY 12 - KEY 15
Macro/Extension Places Select Macro Macro 1 - LED RED 100% Macro 1 - KED OFF Macro 7 - KEY 7 Macro 10 - KEY 10 Macro 13 - KEY 13	Macro 2 Macro 5 Macro Macro Macro	- LED BLUE 100% - LED /RL/Y DEMO xxx 8 - KEY 8 0 11 - KEY 11 0 14 - KEY 14	Macro 3 - RI Macro 3 - RI Macro 6 Macro 9 Macro 12 Macro 15	ED LED OFF - KEY 6 - KEY 9 - KEY 12 - KEY 15
Macro / Extension Macro Select Macro / Macro 1 - LED RED 100% Macro 1 - LED RED 100% Macro 2 - 8LUE LED OFF Macro 7 - KEY 7 Macro 10 - KEY 10 Macro 10 - KEY 13 Extension Macro	Macro 2 Macro 5 Macro Macro Macro	- LED BLUE 100% - LED /RLY DEMO ro 8 - KEY 8 o 11 - KEY 11 o 14 - KEY 14	Macro 3 - Ri Macro 3 - Ri Macro 5 Macro 12 Macro 15	20 LED OFF - KEY 6 - KEY 9 - KEY 12 - KEY 15 - KEY 15
Macro Letterision Macro Select Macro Macro 1 - LED RED 100% Macro 4 - BLUE LED OFF Macro 7 - KEY 7 Macro 10 - KEY 10 Macro 13 - KEY 13 Extension Macro Extension Macro 14 - KEY 16	Macro 2 Macro 5 Macro Macro Macro Macro Macro Macro	- LED BLUE 100% - LED /RLV DEMO ro 8 - KEY 8 o 11 - KEY 11 o 14 - KEY 14 Macro 17 - KEY 17	Macro 3 - Ri Macro 3 - Ri Macro 5 Macro 12 Macro 12 Extension Mac	ED LED OFF - KEY 6 - KEY 9 - KEY 12 - KEY 15 to 18 - KEY 18
Acro/Extension Macro Select Macro Macro 1 - LED RED 100% Macro 1 - LED RED 100% Macro 7 - KEY 7 Macro 7 - KEY 7 Macro 10 - KEY 10 Macro 13 - KEY 13 Extension Macro Extension Macro 16 - KEY 16 Extension Macro 19 - KEY 19	Macro 2 Macro 5 Mac Macro Macro Macro Extension	- LED BLUE 100% - LED /RLV DEMO ro 8 - KEY 8 o 11 - KEY 11 o 14 - KEY 14 Macro 17 - KEY 17 Macro 20 - KEY 20	Macro 3 - Ri Macro 3 - Ri Macro 5 Macro 12 Macro 15 Extension Mac	ED LED OFF - KEY 6 - KEY 7 - KEY 12 - KEY 15 to 18 - KEY 18 to 21 - KEY 21
Acro/Extension Kacro Select Macro Macro 1 - LED RED 100% Macro 4 - BLUE LED OFF Macro 7 - KEY 7 Macro 10 - KEY 10 Macro 13 - KEY 13 Extension Macro Extension Macro 16 - KEY 16 Extension Macro 19 - KEY 19 Extension Macro 22 - KEY 22	Macro 2 Macro 5 Mac Macro Macro Macro Extension Extension	- LED BLUE 100% - LED /RLY DEMO ro 8 - KEY 8 o 11 - KEY 11 o 14 - KEY 14 Macro 17 - KEY 17 Macro 20 - KEY 20 Macro 23 - KEY 23	Macro 3 - Ri Macro 3 - Ri Macro 5 Macro 12 Macro 15 Extension Mac Extension Mac	ED LED OFF - KEY 6 - KEY 9 - KEY 12 - KEY 15 0 18 - KEY 18 0 21 - KEY 21 0 24 - KEY 24
Acrov/Extension (Acro Select Macro Macro 1 - LED RED 100% Macro 4 - BLUE LED OFF Macro 7 - KEY 7 Macro 10 - KEY 10 Macro 13 - KEY 13 Extension Macro Extension Macro 16 - KEY 16 Extension Macro 19 - KEY 19 Extension Macro 22 - KEY 22 Extension Macro 25 - KEY 25	Macro 2 Macro 5 Macro 5 Macro 5 Macro 5 Macro 5 Macro 6 Destension Extension Extension Extension Extension	- LED BLUE 100% - LED RLUE 100% - LED/RLY DEMO xro 8 - KEY 8 o 11 - KEY 11 o 14 - KEY 14 Macro 17 - KEY 17 Macro 20 - KEY 20 Macro 23 - KEY 23 Macro 26 - KEY 26	Macro 3 - RI Macro 3 - RI Macro 9 Macro 9 Macro 12 Macro 15 Extension Mac Extension Mac	ED LED OFF - KEY 6 - KEY 9 - KEY 12 - KEY 15 0 18 - KEY 18 0 21 - KEY 21 0 24 - KEY 24 0 27 - KEY 27

Click on Edit from Repeat column to set the macro command(s) to be activated repeatedly on a set time.

Click on Edit from Once column to set the macro command(s) to be activated on a set time only.

Schedule - Once 1 Edit	April 2015	0
Active	Su Mo Tu We Th Fr	Sa
ACTIVE	1 2 3	3 4
Date & Time	5 6 7 8 9 10 12 13 14 15 16 17	7 18
00-00 00:00:00	19 20 21 22 23 24	4 25
Macro/Extension Macro	26 27 28 29 30	
NONE	Time 00:00:00	
NONE	Hour -	+
	Minute -	+
	Second _	+ Save Change Cancel
+	Now	Done
Macro/Extension Macro Select		
Macro		
Macro 1 - LED RED 100%	Macro 2 - LED BLUE 100%	Macro 3 - RED LED OFF
Macro 4 - BLUE LED OFF	Macro 5 - LED/RLY DEMO	Macro 6 - KEY 6
Macro 7 - KEY 7	Macro 8 - KEY 8	Macro 9 - KEY 9
Macro 10 - KEY 10	Macro 11 - KEY 11	Macro 12 - KEY 12
Macro 13 - KEY 13	Macro 14 - KEY 14	Macro 15 - KEY 15
Extension Macro		
Extension Macro 16 - KEY 16	Extension Macro 17 - KEY 17	Extension Macro 18 - KEY 18
Extension Macro 19 - KEY 19	Extension Macro 20 - KEY 20	Extension Macro 21 - KEY 21
Extension Macro 22 - KEY 22	Extension Macro 23 - KEY 23	Extension Macro 24 - KEY 24
Extension Macro 25 - KEY 25	Extension Macro 26 - KEY 26	Extension Macro 27 - KEY 27
Extension Macro 28 - KEY 28	Extension Macro 29 - KEY 29	Extension Macro 30 - KEY 30
		Cancel

Click on 'Network Settings' to reset the IP, Netmask or Gateway address.

Macro Settings	Natural
Extension Macro	Network
Command Settings	Network Settings
Schedule	IP Mode: STATIC IP
Network Settings	IP: 192.168.1.50
System Settings	Netmask: 255.255.255.0
Time Settings	Gateway: 192.168.5.254
	Save NetWork Reset
	Version:v2.08

Click on 'System Settings' to reset the WebGUI login password and timeout setting and save or download the Macro settings. Reset to Default allows IP and login ID & password to be reset back to factory default.

Macro Settings Extension Macro Command Settings Schedule Network Settings System Settings Time Settings	System Web User Setting Username Old Password New Password Confirm Password Web Login Timeout(Minute) 53 min → Download Download Restore Configuration Ødf mail # Mittrinia # Restore Configuration Ødf mail # Restore Configuration	Control Control	
			Save Cancel

Click on 'Time Settings' to set the system time and to enable/disable Daylight Saving Time(DST) function. Simply click on the white column and a calendar will appear for your selection with current timing setting. Another simple few clicks to enable/disable DST with its start and end time.

Macro Settings Extension Macro Command Settings Schoolule Network Settings System Settings Time Settings	Time System Time: 2015-01-01-Thu 01:50:42 Jaylight Saving Time Use Davidit Saving Disself Start Month: Im Month: Im Ban Ban	• towerduer 2015 • Su Mo. Tu: We Th. Fr. S. • • 1 2 3 • • 1 2 3 • • • 1 2 3 • • • • 1 1 1 1 1 1 • • 2 2 3 • • • • • Hoar - • • • • • • Second - • • • • • • Itour Done • • • • • •
	3 PM 4 PM 5 PM 6 PM 7 PM 8 PM +	

6.7 Hot Keys and Reset IP address



1. All configure return to factory default:

- 1. Remove the front plate.
- 2. Press and hold the middle right button (4).
- Press the reset button (2) once using an thin, pointed instrument such as pin. The middle right button (4) will blink 3 times. All configure set to factory default.

2. Clear all command and macro setting:

- 1. Remove the front plate.
- 2. Press and hold the middle right button (5).
- 3. Press the reset button (2) once using an thin, pointed instrument such as pin. The middle right button (5) will blink 3 times. All macro setting and command setting will be cleared.

3. Reset IP address:

- 1. Remove the front plate.
- 2. Press and hold the middle left button (3).
- 3. Press the reset button (2) once using an thin, pointed instrument such as pin. The middle left button (3) will blink 3 times. The IP settings will be reset to DHCP IP.

6.8 PC Application Software

Please download the software from <u>www.cypress.com.tw</u> with file name KEYPAD_XML_APP and save it in a directory where you may use it to edit your own XML file.

KEYPAD XML Editing Tool V0.9a			
Step 1 : Model Select	Step 4 :	Export ALL	Reset
Step 2 : New O Import ALL			
Step 3 :			
Macro Settings / Extension Macro / Command Settings / Schedule / Network Setti	ngs 🗸 System Setti	ngs 🗸 Time Settings 🔪	
Key 1 Key 2	Key 3	Key 4	Key 5
Key 6 Key 7	Key 8	Key 9	Key 10
Key 11 50 🐨	Key 13	Key 14	Key 15
Background Light			

Click and open the "KEYPAD_XML_APP"

Step1: Select the Keypad Model.

Step2: Create a new XML file or import an existing XML File.

Step3: Start to edit your own scenario control settings. All operation are the same as the WebGUI Control. Please refer to 6.6 WebGui Control to get more information.

Step4: After finishing your own control settings. Click "Export All" to save it as a XML file. Then you can use this file to upload to your keypad by WebGui. Or click "Reset" to clear all settings and edit again.

7. CONNECTION DIAGRAM



8. SPECIFICATIONS

Input Ports	15×Buttons, 1×IP Control (Terminal Block)
Output Ports	2×Relay (Terminal Block)
Power Supply	5V/2.6 A DC (US/EU standards, CE/FCC/UL
	certified)
ESD Protection	Human body model:
	±8 kV (air-gap discharge)
	±6 kV (contact discharge)
Dimensions	148.5mm (W)×87mm (D)×28mm (H)
	/Jacks Excluded
	148.5 mm (W)×87 mm (D)×30 mm (H)
	/Jacks Included
Weight	226 g
Chassis Material	Metal
Color	White
Operating	0°C~40°C/32°F~104°F
Temperature	
Storage Temperature	-20°C~60°C/-4°F~140°F
Relative Humidity	20~90% RH (non-condensing)
Power Consumption	3.7 W

9. ACRONYMS

ACRONYM	COMPLETE TERM
CLI	Command Line Interface
GUI	Graphical User Interface
IP	Internet Protocol
LAN	Local Area Network
PoE	Power over Ethernet
USB	Universal Serial Bus