



CR-KP3 Wall-Mount Keypad Control System (Euro)





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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	SUMMARY OF CHANGE
v1.00	28/03/2018	First release





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1. INTRODUCTION

The Wall Plate Control System Keypads are versatile and useful products for both system integrators and smart home users alike. These keypads can send commands to any Ethernet controlled device in your system. With 6 direct macro buttons and extra 6 macro in WebGUI control which allows up to 16 commands to be executed, within one push and a total of 128 commands capacity inside this box that can bring out a set of scenes in a seconds.

The soft and colourful LED buttons are suitable for all environments and PoE (Power over Ethernet) support allows for creative placement of the keypad within your space without needing to be concerned about keeping it near a live power source. Additionally, the integrated clock and calendar based scheduling feature allows you to trigger macros to control devices within your installation at a specific time, or on a recurring schedule.

2. APPLICATIONS

- III Smart Home Control
- /// Control Center
- **III** Function Room
- Product Showroom
- **III** Ballroom

3. PACKAGE CONTENTS

- III 1×Wall Plate Control Keypad
- /// 1×24 V/1 A DC Power Adaptor
- 1×Button Stickers (60pcs)
- 1×Operation Manual

4. SYSTEM REQUIREMENTS

An active internet connection from a switch or router for control of Ethernet devices. A PoE supporting network switch or hub is required to use the PoE power function, otherwise access to a local power outlet is needed.





5. FEATURES

III 6 direct macro keys for controlling user equipment

III Up to 128 total commands can be stored and used across all macros in the system (up to 16 per macro)

III Supports relay triggers to control compatible devices

III Supports time and date macro scheduling (single and recurring)

Supports one month of backup power for the internal clock and schedule function to protect against blackouts and temporary power loss

III Supports customizable daylight savings time for scheduling

M Supports Keypad, Telnet and WebGUI control

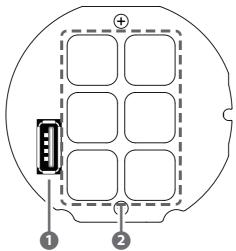
- Supports PoE or DC power supply
- Switzerland and Germany wall plate design with adjustable LED brightness
- Multiple uses for home, hotel rooms, central control rooms, conference rooms, etc.



Y`?///

6. OPERATION CONTROLS AND FUNCTIONS

6.1 Front Panel



Macro Buttons 1~6: Each key has 2 colour LEDs (red and blue) with individually adjustable brightness levels from 0~100. Each key can activate a customised macro (up to 16 commands). For further information on these settings please refer to section 6.6 WebGUI Control.

SERVICE: This slot (USB 2.0) is reserved for firmware update use only. Please plug in a USB thumb drive containing the new firmware to update the unit. Additionally, it can provide quick charging for connected USB devices.

Note: Because of the power and temperature limitations, only use the supplied 24V adaptor for Quick Charger mode. PoE/PD power does not support Quick Charger mode.

Quick Charger mode:

Apple mode (for Apple devices e.g iPhone®, iPad®):

• 5V/1.6A

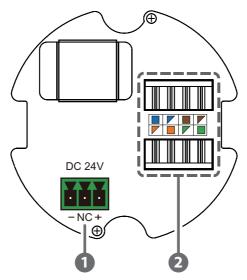
QC2.0 mode:

- 5V/1.6A
- 9V/1.6A
- 12V/1.25A





6.1 Front Panel



Ethernet IDC Socket: Use IDC punch down tool terminating a twisted pair cable inside the wall. This slots supports PoE PD 48V function which means when the connected server/hub supports PSE 48V, it can be powered without local DC supply connection. Connect via a PC or Laptop through the same network to control the wallplate via WebGUI or Telnet.

2 DC 24V: Plug in the 24V DC power adapter included in the package and connect it to an AC wall outlet for power.





6.3 Telnet Commands

COMMAND	DESCRIPTION	PARAMETER
HELP (?)	Show command list	NONE
HELP N	Show description of command	N=COMMAND NAME
IPCONFIG	Display the current IP con- figuration	NONE
SETIP N, N1,N2	Set Ethernet IP, net mask and gateway address	N=IP 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. XXX. XXX.XXX	Set Ethernet IP address	XXX=0~255
SNETMASK XXX. XXX.XXX. XXX	Set Ethernet net mask	XXX=0~255
SGATEWAY XXX. XXX.XXX.XXX	Set Ethernet gateway	XXX=0~255
SIPMODE N	Set Ethernet IP Mode	N=STATIC/DHCP
VER	Show unit firmware version	NONE
FADEFAULT	Set all configurations to factory defaults	NONE
ETH_FADEFAULT	Set all Ethernet config to fac- tory default*	NONE
REBOOT	System reboot	NONE





COMMAND	DESCRIPTION	PARAMETER
LEDBLUES N	All blue led backlight control	N=% (0-100)
LEDREDS N	All red led backlight control	N=% (0-100)
LEDBLUE N N1	Led blue backlight control	N (LED NO.)=1~6 N1=% (0-100)
LEDRED N N1	Led red backlight control	N (LED NO.)=1~6 N1=% (0-100)
KEY_PRESS N RELEASE KEY_ PRESS N HOLD	Key press trigger type	KEY_PRESS N RELEASE (Default) N=KEY NUM- BER KEY_PRESS N HOLD N=K NUMBER
MACRO RUN N MACRO STOP MACRO STOP N	Macro control	MACRO RUN N N=MACRO ID (1~12) MACRO STOP (Stop All) MACRO STOP N N=MACRO ID (1~12)
BACKLIGHTN	All led backlight control	N=% (0-100)
LEDSHOW N	Led dimming mode control	LEDSHOW N N=ON/OFF/TOGGLE
TELNET_TIME- OUT N	SET Telnet Time Out On/Off	N= ON/OFF





COMMAND	DESCRIPTION	PARAMETER
DEVICE ADD N1 N2 N3 N4	Device Setting	DEVICE ADD N1 N2 N3 N4 N1=ID(1~16) N2=X.X.X.X(0~255)
DEVICE DELETE/ ENABLE/DIS- ABLE N1		N3=PORT(0~65535) N4=NAME(MAX 24 Char- acter)
		DEVICE DELETE/ ENABLE/DISABLE N1 N1=ID(1~16)

Note:

Commands will not be executed unless followed by a carriage return.

Commands are not case sensitive.

* This command only resets the network address information back to the factory default.





6.4 Software Application

Please obtain the Device Discovery software from your authorised dealer and save it in a directory where you can easily find it.

Note: The keypad's default IP address is 192.168.1.50

Connect the Keypad Control System and your PC/Laptop to the same active network and execute the Device Discovery software. Click on "Find Devices on Network" and a list of devices connected to the local network will show up indicating their current IP address.

					Fir	nd De	rvices or	n Network	
	Product	Name	Description	IP	Address	MAC	Address		
l									

By clicking on one of the listed devices you will be presented with the network details of that particular device. If you choose, you can alter the static IP network settings for the device, or switch the unit into DHCP mode to automatically obtain proper network settings from a local DHCP server. To switch to DHCP mode, please select DHCP from the IP mode drop-down, then click "Save" followed by "Reboot".

Once you are satisfied with the network settings, you may use them to connect via Telnet or WebGUI. The network information window provides a convenient link to launch the WebGUI directly.

NAC 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	8.0.0.0
IP Mode	Static 💌
Web GUI Port	80
Telnet Port	23
5 / N	58:2256
Firmware Version	v1.
Hardware Version	v1.00





6.5 Telnet Control

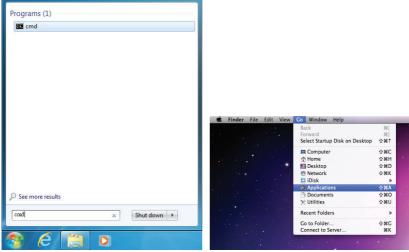
Before attempting to use Telnet control, please ensure that both the Wall Plate Control Keypad and the PC/Laptop are connected to the same active networks.

To access Telnet 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, click on "Run", type "cmd" then press "Ente

Under Mac OS X, go to Go \rightarrow Applications \rightarrow Utilities \rightarrow Terminal

See below for reference.



Once in the CLI (Command Line Interface) type "Telnet" followed by the IP address of the unit and "23", then hit "Enter.







This will connect us to the unit we wish to control. Typing "help" to list the available commands.

Welcome to TEL	NET.
>?	
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
I PCONFI G	: 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
SIPMODE	: 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
LEDBLUES	: ALL BLUE LED BACKLIGHT CONTROL
LEDREDS	: ALL RED LED BACKLIGHT CONTROL
LEDBLUE	: LED BLUE BACKLIGHT CONTROL
LEDRED	: LED RED BACKLIGHT CONTROL
RELAY	: RELAY CONTROL
KEY_PRESS	: KEY PRESS TRIGGER TYPE
MACRO	: MACRO CONTROL
BACKLIGHT	: ALL LED BACKLIGHT CONTROL
LEDSHOW	: LED DIMMING MODE CONTROL
TELNET_TIMEOUT	: SET TELNET TIME OUT ON∕OFF
DEVICE	: Device setting

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





6.6 WebGUI Control

Open a web browser on a PC/Laptop that is connected to an active network and type the device's IP address into the web address entry bar. The login screen will appear and ask for a Username and Password. The default username and password is "admin". Please enter the information and then click "Submit" to log in.

Note: The default static IP address is 192.168.1.50.

Login		
Username		
Password		
	Submit	

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

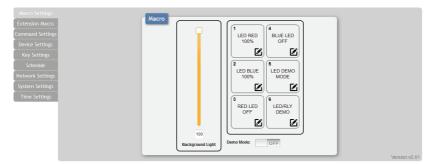






6.6.1 Marco Setting

Click on the "Macro Settings" tab to execute/edit the settings for the physical macro buttons. These macros can be executed by pressing the physical buttons on the keypad as well as via the WebGUI or Telnet.



- Macro 1: Sequentially light all red LEDs on the keypad with 100% brightness and a delay of 500ms between commands
- Macro 2: Sequentially light all blue LEDs on the keypad with 100% brightness and a delay of 500ms between commands
- Macro 3: Switch off all red LEDs (set brightness to 0%)
- Macro 4: Switch off all blue LEDs (set brightness to 0%)
- Macro 5: LED demo mode toggle (switch on/off Demo Mode)
- Macro 6: Light the blue LEDs with 10% brightness → set all blue LEDs to 0% brightness → switch off & on relay 1 → switch off & on relay 2 with a delay of 1000ms between commands

Note: Demo Mode is on by default. To disable Demo Mode please click the switch at the bottom of this WebGUI tab.

The "Background Light" slider allows the user to adjust the overall brightness of the keypad's LEDs.

Click on the **I** icon to edit each button's macro.

At the top of the Macro edit window is a text field where you can edit the name of the macro. Type your new macro name into the box and then click the 🗎 icon to save it.

Within the edit window the up/down arrows will change the command's

17



execution order. The to icon allows you to edit the delay and interface for the command. The to icon will delete the command.

Macro			Macro 1 Edit									
	LED RED 100%	0	Macro 1 - LED RED 100% LED RED 100% Macro Command									
	2 5	=	Command Name	Interface	Param 1	Param 2	Delay(ms)					
	LED BLUE	ED	LED RED 1 100%	SysCMD	-	-	500			\sim	ю	ĿЭ
		WIC	LED RED 2 100%	SysCMD	-		500	1	^	\sim	ю	ιe
		=	LED RED 3 100%	SysCMD	-	•	500	100	^	\sim	ю	ĿΘ
	RED LED	LED	LED RED 4 100%	SysCMD	-	•	500		^	\sim	ю	b⊖
	11 11	DE	LED RED 5 100%	SysCMD		•	500		^	\sim	ю	ЪЭ
100		_	LED RED 6 100%	SysCMD	-	•	500		^		ю	Ŀ⊝
Background Light	Demo Mode:		Add	Save Change								

Click on the 📰 icon to insert a new command before the current one. Select one of the pre-defined commands from the list. (Details on how to create these pre-defined commands are later in this section)

								LOB 1020 1 4401 2	HONE	HONE	NONC	89-6	10-6	1010
							//	1-0-003 585	10.00	16,50	10.00			14.70
Aacro 1 - LED RED 100%					0.05	/	1	LID-100-1-4804	HONE	NONE	HONE			HORE
ED RED 100%					/		/	LOBINE & NEW	HOM	2004	NORC			HOM.
Aacro Command				/			/	LINE OF A LINE	108	10.00	8.00	8.00	10-5	10.00
				/	-	/		LED 100 1 1001	1046	1018	NO1			100m
Command Name	Interface	Param 1	Parama	Delay(ms)				170.5 (7.7 10)	104	104	100	854	10.0	100
ED RED 1 100%	BysCMD			500	100		00	600 Suld 3 1000	and a	NM.	wiet			1000
LED RED T NOR	oyscano	/	1	000	1282	_12	0	1103 10 1 10 10						
LED RED 2 100%	SysCMD	/		500	*	~ ~	000	LED B., HE S HIDS	HOM.	NONE	1404	40-5	10-6	NOR
					1000		40 40	Mill Austin 1910	rains	rains	nini	aled .		reces
LED RED 3 100%	5ysCMD			500	響	~ ~	00							
	1							A.L. 40 B.L.S. 197	anime .	1016	NIRS			14046
LED RED 4 100%	SysCMD			500	*	~ ~	60	A DESCRIPTION	HUNL	N/N	NIN.			
								A LIBROUP DE	in the second se	with	1047			
LED RED 5 100%	SysCMD		1.00	500	臣	~ ~		AL JO KLEDT	1000	1.00	NORG NORG			
	_		-		lane l			-	101	NIM	alat	804	104	
LED RED 6 100%	SysCMD			500	轚	^	ÐÐ							
Add	Save Change							Set Destination				×		(m
								Delay(ms) Interface Sys	100 CMD -		Save Chan	er Garcel		

After selecting a command, you will need to choose the delay and interface for the command.

Delay(ms)	500
terface	TELNET -
Inet IP	192.168.
Port	23

The "Delay(ms)" setting is the length of time to wait before sending the next command and is set in milliseconds. The interface for sending commands can be set to the keypad itself (SysCMD), to pre-defined Ethernet devices (Device), to a specified IP address (TELNET) or to trigger the relay ports





(Relay). Click on "Save Change" to confirm the settings.

Sending commands to devices on the local network, or across the internet requires the IP address and network port number of the destination device.

Once the destination information is complete please click on "Save Changes".

Note: It is strongly suggested to not set a delay time less than 100ms for system commands or less than 500ms for Telnet commands to ensure that the command is properly received and executed before the next command is sent.

Set Destinati	on
Delay(ms)	500
Interface	Device -
Device	Matrix A 👻
	Save Change Cancel

Extension Marco:

Click on the "Extension Macro" tab to execute/edit the additional software-only macro buttons up to 6 or more. These macros can only be executed via the WebGUI or Telnet. Macro editing in this tab is identical to editing the prior tab's macros





Command Setting:

Click on the "Command Settings" tab to create, edit or delete commands. The number of commands that can be stored in the keypad is limited by memory. It is generally recommended that commands be under 128 characters long (including spaces). However, if longer commands are needed there is limited support for commands up to 512 characters long. In this case the number of (up to) 512 character commands is limited to 32 and the remaining 96 commands must be under 128 characters. Click on "Save Change" to save the command.

Command Name	Command	Edit	Delete
LED RED 1 100%	LEDRED 1 100x0dx0a	Edit	Remov
LED RED 2 100%	LEDRED 2 100w0dw a	Edit	Remov
LED RED 3 100%	LEDRED 3 100w0dy0a	Edit	Remov
LED RED 4 100%	Command 1 Edit	Edit	Remov
LED RED 5 100%		Edit	Remov
LED RED 6 100%	Command Label	Edit	Remov
LED BLUE 1 100%	LED RED 1 100%	Edit	Remov
LED BLUE 2 100%	Command Data	Edit	Remov
LED BLUE 3 100%		Edit	Remov
LED BLUE 4 100%		Edit	Remov
LED BLUE 5 100%		Edit	Remov
LED BLUE 6 100%	Save Change Cancel	Edit	Remov
ALL LED RED OFF		Edit	Remov
ALL LED BLUE OFF	LEDBLUES 0x0dx0a	Edit	Remov
LED DIMMING MODE TOGGLE	LEDSHOW TOGGLEw0dw0a	Edit	Remov
ALL LED BLUE 10%	LEDBLUES 10x0dx0a	Edit	Remove

Note: If you are creating commands to control the relay trigger interface, only "CLOSE" and "OPEN" are used.





Device Settings:

Click on the "Device Settings" tab to enable/disable or add/remove common network connected devices. Up to 16 devices can be defined for easy use with commands. Device naming is up to 24 characters including space, IP address and Connection port re-assignable. These settings are directly linked to any associated macro commands. Click on "Save Change" to save the device.

tension Macro	Active	Device Name	IP Address	Connect Port	Edit	Remove
ommand Settings	ENABLE	Matrix A	192.168.1.100	23	Edit	DEL
Device Settings	ENABLE	Matrix B	12.168.1.200	23	Edit	DEL
Key Settings	DISABLE				Edit	DEL
Schedule	Device 1	Edit			Edit	DEL
Network Settings	C				Edit	DEL
System Settings	Device N	lame]	Edit	DEL
Time Settings	Matrix A]	Edit	DEL
	IP Addre]	Edit	DEL
	192.168. Connect]	Edit	DEL
	23	Pon]	Edit	DEL
	0]	Edit	DEL
	D]	Edit	DEL
	D		Save Change	Cancel	Edit	DEL
	DISABLE				Edit	DEL
	DISABLE				Edit	DEL
	DISABLE				Edit	DEL

Key Settings:

Click on the "Key Settings" tab to enable/disable the "Repeat" and "Toggle" modes associated with each of the macro buttons. Enabling Repeat Key mode will cause the button's macro to be executed repeatedly as long as the button is being held down. Enabling Toggle Key mode will link the two listed macros together and allow them to be toggled back and forth each time the associated button is pressed.

Extension Aaroo	ommand Settings Device Settings Key Settings Schedule Vetwork Settings System Settings	Image by the second
-----------------	---	--

Note: These functions only work for macros associated with physical buttons on the keypad.





Schedule

Click on the "Schedule" tab to control the built in scheduling features of the keypad. You can set macro events to repeat on a regular daily/weekly schedule or configure a one-time event. Events can be edited and deleted from the main tab. The system can store up to 32 repeating events and up to 8 for one-time events.

tings Schedul								
Macro	e							
ettings Repeat								
tings	We	ekly	Hour	Minute	Second	Macro	Edit	Delete
ings			00	00	00		Edit	Remove
le la			00	00	00		Edit	Remove
			00	00	00		Edit	Remove
ttings			00	00	00		Edit	Remove
ttings			00	00	00		Edit	Remove
tings			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	00		Edit Edit	Remove Remove

To set up a repeat event:

click on "Edit" from the "Repeat" section of the page. Now select the macro to be run and which days of the week and at what time you would like it to run each of those days. You can now set the event as "Active". Click on "Save Change" to save the changes to the event.

NONE ACTIVE /r n Mon Tue Wed Thu Choose Choose Time Occocco VExtension NORE	
Mon Tue Wed Thu Fri Sat 000000 Choose Time VExtension Macro Time 000000	
n Mon Tue Wed Thu Fri Sat 000000 VEstession Macro Macro	
00:00:00 Time 00:00:00	
00:00:00 Time 00:00:00	
VExtension Macro	
Minute -+	
Second	el
Now Done	
/Extension Macro Select	
Macro 1 - LED RED 100% Macro 2 - LED BLUE 100%	Macro 3 - RED LED OFF
Macro 4 - BLUE LED OFF Macro 5 - LED DEMO MODE	Macro 6 - LED DEMO





To set up a one-time event:

To set up a one-time event click on "Edit" from the "Once" section of the page. Now select the macro to be run and which date and time

you would like for it to run on. You can now set the event as "Active". Click on "Save Change" to save the changes to the event.

	Contraction of the local distance of the loc	April 2016 📀	<u></u>	
ve	Su Mo	Tu We Th Fr Sa		
NONE ACTIVE		1	2	
ate & Time	3 4	5 6 7 8	9	
00-00 00:00:00	10 11	12 13 14 15 1	=	
acro/Extension Macro	17 18	19 20 21 22 2	=	
	24 25	26 27 28 29 3	0	
NONE	Time	00:00:00		
	Hour			
	Minute	0	Save Change Cancel)
	Second			1
	Now	Done		
cro/Extension Macro Select			2	
		Macro 2 - Li	D BLUE 100%	Macro 3 - RED LED OFF
acro			D BLUE 100%	Macro 3 - RED LED OFF Macro 6 - LED DEMO
		Macro 5 - LE		
acro Macro 1 - LED RED 100% Macro 4 - BLUE LED OFF ctension Macro	7	Macro 5 - LE Extension M	D DEMO MODE	Macro 6 - LED DEMO

Note: This unit has one month of backup power for the internal clock to protect against power loss and blackouts. After the backup power is exhausted the system will reset the time back to 2015/01/01 00:00:00.





Network Settings

Click on the "Network Settings" tab to change the network settings for the keypad. You can manually set the IP address, netmask and gateway address in "Static IP" mode, or you can obtain an IP address automatically by enabling DHCP.

Macro Settings	Network
Extension Macro	
Command Settings	Network Settings
Device Settings	IP Mode: DHCP
Key Settings	IP: 192.168.21.91
Schedule	Netmask: 255 255 255.0
Network Settings	Gateway: 192.168.21.254
System Settings	Save NetWork Reset
Time Settings	

System Settings:

Click on the "System Settings" tab to make changes to various system settings. From this tab you can change the WebGUI login password and login timeout settings. You may also save the full system configuration, including all macros, to your connected PC/Laptop or restore them from a previously saved configuration. Finally, this tab provides buttons to reset the unit to factory defaults and to reboot the keypad.

Extension Marco System Command Setting: Web User Setting: Very Setting: Username Out Password Username Out Password Web Login Thmoottk/inute) Schoolae Similar Download Curryin Configuration Thme Setting: Download Curryin Configuration The Setting: Reset to Default The Setting: The Setting: The Setting:	Macro Settings		XVL Edit	
NBDOT -11(gg/s): -11(gg/s): -11(gg/s):	Extension Macro Command Settings Device Settings Schedule Network Settings System Settings	Username Old Password New Password Confirm Password Veb Login Timeout/Alinute) 5 min Download Current Configuration Dewnload Current Configuration Resolve Configuration Resolve Configuration Resolve The Unit	Proc. 1. 2012 (2012) (2	





Time Settings:

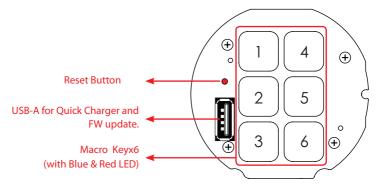
Click on the "Time Settings" tab to set the system time and to enable/ disable the Daylight Saving Time (DST) function. If your country uses Daylight Savings Time you can configure the start and end times/dates here so that your scheduled events will always occur at the correct times throughout the year.

<pre>kterddar Macro mmarad Settings kevce Settings Ky Settings Ky Settings Ky Settings Kytem Settings Three Set</pre>			
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6.7 Hot Keys and Reset IP Address



All configure return to factory default

Press and hold KEY 3.

•Press the reset button by using an thin object, pointed instrument such as a pin or re-powering the device. All configure will return to factory default.

•Clear all command and macro setting

Press and hold KEY 2.

•Press the reset button by using an thin object, pointed instrument such as a pin or re-powering the device. All macro settings and command settings will be cleared.

Reset IP address

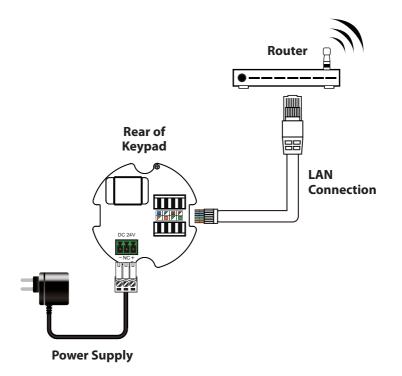
Press and hold key 4.

•Press the reset button by using an thin object, pointed instrument such as a pin or re-powering the device. The IP default at DHCP IP.





7. CONNECTION DIAGRAM







8. SPECIFICATIONS

Input Ports	6×Buttons
Control Interfaces	1 x IP control (Terminal Block) 1 x USB 2.0 (Firmware update)
Power Supply	24 V/1 A DC (US/EU standards, CE/FCC/UL)
ESD Protection	Human body model: ±12 kV (air-gap discharge) ±8 kV (contact discharge)
Dimensions	63 (W)x61(L)x47(D) mm
Weight	124g
Chassis Material	Metal
Colour	White
Operating Temperature	0°C~40°C/32°F~104°F
Storage Temperature	-20°C~60°C/-4°F~140°F
Relative Humidity	20~90% RH (non-condensing)
Power Consumption	8 . 5 W (includes USB charging 5V/1A)

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





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