



User Manual

4x4 Matrix 4K (60Hz 4:4:4) HDR10 and Audio Extraction **Model PT-MA-HD44M** Designed in Germany

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VersionV1.0

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Preface

Read this user manual carefully before using this product. Pictures shown in this manual are for reference only. Different model layouts and specifications are subject to the physical product.

This manual is for operation instructions only, not for any maintenance usage.

In the constant effort to improve our product, we reserve the right to make changes in functions or parameters without prior notice or obligation.

Trademarks

Product model and logo are trademarks. Any other trademarks mentioned in this manual are acknowledged as the properties of the trademark owner. No part of this publication may be copied or reproduced without the prior written consent.

SAFETY PRECAUTIONS

To ensure the best from the product, please read all instructions carefully before using the device. Save this manual for further reference.

- Unpack the equipment carefully and save the original box and packing material for possible future shipment.
- Follow basic safety precautions to reduce the risk of fire, electrical shock and injury to persons.
- Do not dismantle the housing or modify the module. It may result in electrical shock or burn.
- Using supplies or parts not meeting the products' specifications may cause damage, deterioration or malfunction.
- Refer all servicing to qualified service personnel.
- To prevent fire or shock hazard, do not expose the unit to rain, moisture or install this product near water.
- Do not put any heavy items on the extension cable in case of extrusion.
- Do not remove the housing of the device as opening or removing housing may expose you to dangerous voltage or other hazards.
- Install the device in a place with fine ventilation to avoid damage caused by overheat.
- Keep the module away from liquids.
- Spillage into the housing may result in fire, electrical shock, or equipment damage. If an object or liquid falls or spills on to the housing, unplug the module immediately.
- Do not twist or pull by force ends of the optical cable. It can cause malfunction.
- Do not use liquid or aerosol cleaners to clean this unit. Always unplug the power to the device before cleaning.
- Unplug the power cord when left unused for a long period of time.
- Information on disposal for scrapped devices: do not burn or mix with general household waste, please treat them as normal electrical wastes.

Introduction to PT-MA-HD44M

The PT-MA-HD44M is a HDMI 2.0 4x4 Matrix supporting 4K@60Hz (4:4:4) HDMI. It enables any one of the 4 HDMI sources to any one of the 4 HDMI displays, and with Phoenix and Coaxial ports for audio extraction. As well as supporting multiple control modes, such as front panel buttons with display, IR, RS232 and TCP/IP control

Features

- 18Gbps (4K 60Hz 4:4:4), HDR10, HLG, Dolby Vision and HDCP 2.2 support
- PCM2.0, Dolby True HD and DTS-HD master audio, LPCM7.1 pass through with S/PDIF and analogue stereo extraction
- IR, RS232,TCP/IP, comprehensive web GUI and front panel menu LCD control
- Ultra compact product housing

Package Contents

Please take an inventory of the package contents to ensure you have all the items listed below. If anything is missing or damaged, please contact your distributor for a replacement.

- 1 x Main Unit (PT-MA-HD44M)
- 1 x Remote control
- 1 x Power Adaptor (12V 2A)
- 1 x IR Ext RX Cable
- 5 x Phoenix 3 pin for RS232 cable termination & L/R Audio termination
- 1 x User Manual

Operating Temperature	0℃to+40℃
Operating Humidity	5 to 90%RH(No Condensation)
Max resolution	4K@ 60hz YUV4:4:4
HDCP Compliant	HDCP2.2 and HDCP1.4
Output Video	HDMI2.0 and HDMI 1.4
Audio Format Supported	PCM2.0,Dolby True HD and DTS-HD master audio, LPCM7.1
RS-232 serial port	3PIN Phoenix connector
Ethernet port (IP control)	RJ45, female
IR Ext port	1x3.5mm stereo jack
Bandwidth	18 Gbps
Default IP	192.168.1.168
Dimensions(WxHxD)	L216.2XW128.5XH34mm
Net Weight	0.47kg
Power consumption	14W(Max)

Specifications

Panel Descriptions



1 IR receive window.

(2) Output 1-4: Short press to choose one output, press again to cancel; Long press to choose all output, long press again to cancel.

③ Input 1-4: Short press to choose one input (workable only if choose the output already); Long press to choose one input for all output.

④ PRESET: Short press to preset

(5) UP: Short press to up

6 LOCK: Long press to lock, long press again to unlock; When locked, all buttons is locked except for the lock button.

⑦ MENU: Press for main menu interface or to return to the previous menu interface.

- (8) DOWN: Short press for down
- (9) ENTER: Short press for confirm
- 10 LCD screen

Note: Unit can be controlled by front panel button, for simple operations such as: video switching, EDID control, baud rate adjustment. When in the menu, the user must press buttons within 30s; after 30s, LCD screen will return to audio channel interface automatically; if exceed 60s, LCD screen will switch off.

Rare panel



- ① Analog audio out
- ② S/PDIF audio out
- ③ RS232 for control
- 4 IR-Ext
- (5) Ethernet port
- 6 DC12V/2A input
- ⑦ HDMI output port
- 8 HDMI input port

Connecting and Operating

- 1. Connect source devices to input ports of the matrix
- 2. Connect HDMI output ports to TV or other HDMI sink devices.
- 3. Optional: Connect RS232 cable from PC RS232 port.
- 4. Optional: Connect an Ethernet cable from the TCP/IP port on the matrix to a local area network.
- 5. Connect 12V POWER supply to DC power socket.
- 6. Power on the matrix, HDMI sources and displays.

Application Diagram



Remote Control Description



- ① Power on/Standby.
- (2) M: Mute the HDMI output audio
- 3 W: Lock remote control
- ④ Output 1-4
- (5) All outputs select INPUT-Y:
 - a. Press all button
 - b. Press INPUT-Y button
 - (Y = input 1 to 4),
 - then INPUT-Y switched to ALL OUTPUTS.
- (6) Turn off output channel
- PTP button: Mirror all inputs and outputs
- (Ex. Input 1 to output 1, input 2 to output 2, etc)
- (8) Input 1-4 (press output-X then Input-Y):
- (9) Switching input left and right
- 10 Up, down, left and right control

Note: all buttons are short press, no function for long press

Power on/standby: short press to standby mode, LCD screen will show "System Shutdown", HDMI output 5V will disconnect and TV will go blank. Short press again to wake device, HDMI output returns to normal.

Video switch: output+input (eg: output1+input2, switch output1 to input1)

Turn off HDMI output audio: output+M (eg: output1+M, turn off output1 audio)

Lock remote control: short press "W" to lock, short press again to unlock.

Turn off output channel: output+X (eg: Output1 + X,output1 turns to be black screen, output+X again to return to normal)

Switching input left and right: output + <(>); (eg: All + <, TV image will change according to the switching input and skip automatically if no input signal).

Panel Control Description

1.1 Video switch operation

Signal switching includes 4 switching channels, which can be randomly configured as input/output according to requirements to form a 1×4~4×4 matrix. It can switch any input signal to1 channel output or all channel output.

Operation format:"output channel"+"input channel",or long press "input channel"



For example:

1. Switch output1 to input4

Operation: press output1+input4 to complete switch

2. Output 2,1,3 switch to input 2

Operation: press output2,1,3+input2 to complete switch

3. All outputs switch to input4

Operation: long press output4+long press input4 to complete switch

Note: press output+input to switch; then can press input button again to switch input (no need to repeatedly press output (if exceeds 10s, need to press output again)

1.2 Video control

There are 2 sub-menus in video interface:1. switching 2. On/Off

<mark>Menu></mark> 1/6		0/2	
Video	>	Switching	>
Audio	>	On/Off	>
EDID	>		
Preset	>		
Setup	>		

Video switching

Operation:

(1) select "Video "in the main menu, press "ENTER" button.

2 press "up and down" button to choose "Switching" .

③ press "ENTER" to enter the next sub-menu

④ press the "up and down" button to select "Output1~4" ("All" means all output,

"Switching"), the bottom color of the selected output turn to white

⑤ press "ENTER "to enter the next sub-menu

⁽⁶⁾ press the "up and down" button to select input, the bottom color of the selected input turn to white

⑦ press "ENTER "button to complete video switching

/lenu>	Video>	
/2		0/5
witching	>	Output1
n/Off	>	Output2
		Output3
		Output4
		All

Menu>	Video>	Switching>	
1/5		0/4	
Output1	>	Input1	@
Output2	>	Input2	
Output3	>	Input3	
Output4	>	Input4	
All	>		

Output switch control

You can image mute any output port,or image mute all output ports. Output video is default not muted

Operation:

(1) in the main menu, select "Video" and press "ENTER" button

2 press "up and down "button to select "On/Off"

- ③ press "ENTER "button to enter the next sub-menu
- ④ Press "up and down "button to select "output1-4" (All means all output), the bottom color of the selected output turn to white
- ⑤ press "ENTER "to enter the next sub-menu
- 6 select Output-HDMI1~4, press "ENTER" button to enter the next sub-menu
- ⑦ press the "up and down" button to select "Off" or "On"
- [®]Press "ENTER "button to confirm that the output port is open/closed.

Menu> Vid	eo>		
2/2		0/5	
Switching	>	Output1	>
On/Off	>	Output2	>
		Output3	>
		Output4	>
		All	>

Menu> Vid	eo> O	n/Off>	
1/5		0/2	
Output1	>	Off	
Output2	>	On	@
Output3	>		
Output4	>		
All	>		

1.3 Audio control interface

There are 2 sub-menus in audio control interface: Line out, De-Embed (both are default open)

Menu> 2/6 Video Audio EDID Preset	> > >	0/2 Line out > De-Embed >
Setup	>	
Menu> Aud	lio>	
1/2		0/5
Line out	>	Output1 >
De-Embed	>	Output2 >
		Output3 >
		Output4 >
		All >

Switch output audio

"Line out "means switch HDMI output audio, able to mute the TV sound from any one channel HDMI output.

Operation:

1. Select "Audio in" main menu and press "ENTER "button.

2. press"up and down"button to select"Line out", press"ENTER"button, the bottom color of the selected turn to white. Able to select output1-4 and all via pressing"up and down"button, press"ENTER"button to choose"on" and "off"

3. eg: mute sound of TV which connected to HDMI output1,operation:"Audio"+"ENTER"+"Line out"+"Output1-HDMI1"+"Off, will return to upper-menu after "ENTER".

Audio extraction control

"De -Embed" - Select the output audio for both analog and SPDIF audio

Channel audio output, or mute

Operation:

① select "Audio" in main menu and press "ENTER" button.

⁽²⁾ press "up and down" button to select "De -Embed", press "ENTER" button, the bottom color of the selected turns to white, Able to select output1-4 and all via pressing "up and down" button, press "ENTER" button to choose "on" and "off"

③ eg: turn off audio extraction of HDMI output1, operation: "Audio" + "ENTER" + "De -Embed" + "Output1" + "Off", will return to upper-menu after "ENTER"





1.4 EDID setting interface:

EDID management: User EDID, built-in EDID, Copy EDID mode. The default EDID is "Default1"

Default1	4K60 444-LPCM: 2.0, HDR:HLG	Default2	4K60 420-LPCM: 2.0, HDR:None
Default3	4K30 444-LPCM: 2.0, HDR:None	Default4	1080P60 444-LPCM: 2.0, HDR:None

Menu>			
3/6		0/5	
Video	>	Input1	>
Audio	>	Input2	>
EDID	>	Input3	>
Preset	>	Input4	>
Setup	>	All	>

Example: switch default1 to output1:

Operation:

- 1. select "EDID" in main menu and press "ENTER" button
- 2. press "up and down" button to select "Input 1" (All = all inputs)
- 3. press "ENTER" button to enter the next sub-menu

4. press "up and down" button to select "Default1", the bottom color of the selected turn to white, press "ENTER" to complete setting

5. behind the selected EDID, it will show the max supported resolution, audio format and audio channel.

Menu> El	DID>		
1/5		0/17	
Input1	>	Default1	@
Input2	>	Default2	
Input3	>	Default3	
Input4	>	Default4	
All	>	User1	

Menu>	EDID>	Input1>	
1/17			
Default1	@	3840x21	60@60-444
Default2	>	HDR:HLC	G
Default3	>	LPCM:2.0	0
Default4	>	FXN1234	1
User1	>		

1.5 Preset application

Preset interface can save the current video, audio, EDID, system setting, etc..., supports 8 different presets, can preset through web, command, panel button, and recall.

Preset control interface has three sub-menu:

Call scene

Save scene

Clear scene

Operation:

1 select "Preset" in main menu and short press "ENTER" button to enter preset interface; able to call, save and clear preset.

②save preset: select Save-> anyone of Preset1~8->ENTER.

③call preset: Call->any of the saved Preset1~8->ENTER.

④clear preset: Clear->any of the saved Preset1~8->ENTER (the saved preset will return to the default).

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Menu>				
4/6		0/3		
Video	>	Call	>	
Audio	>	Save	>	
EDID	>	Clear	>	
Preset	>			
Setup	>			

Menu> P	reset>		
1/3		0/8	
Call	>	Preset1	@
Save	>	Preset2	
Clear	>	Preset3	
		Preset4	
		Preset5	

1.6 Setup interface

Setup interface can set serial port baud rate, DHCP switch, device reboot and factory reset.

14			
Menu>			
5/6		0/4	
Video	>	Baud	>
Audio	>	DHCP	>
EDID	>	Reboot	>
Preset	>	Factory	>
Setup	>		

Baud rate setting

4 options for baud rate setting: 9600,19200,57600,115200.

The default serial port is 115200

Below example is setting baud rate to 9600.

Operation:

- 1. Select "Setup" in main menu and press "ENTER" button.
- 2. Press "up and down" button to select"Baud"
- 3. Press "ENTER" to enter the next sub-menu.
- 4. Press "up and down" button to select "9600"
- 5. Press "ENTER" to complete setting

Menu> S	etup>	
1/4		0/4
Baud	>	115200 @
DHCP	>	57600
Reboot	>	19200
Factory	>	9600

DHCP switch

DHCP On: dynamic IP address; DHCP Off: static IP address (default is DHCP off) DHCP on operation:

- 1. Select "Setup" in main menu and press "ENTER" button.
- 2. Press "up and down" button to select "DHCP" setting
- 3. Press "ENTER" to enter the next sub-menu.
- 4. Press "up and down" button to select "On"
- 5. Press "ENTER" to open DHCP to allocate IP address automatically.

Menu> S	etup>		
2/4			
Baud	>	0/2	
DHCP	>	Off	@
Reboot	>	On	
Factory	>		

Reboot

Reboot device, default is "NO".

Operation:

①select "Setup" in main menu and press "ENTER" button

②press "up and down" button to select "Reboot"

③press "ENTER" to enter the next sub-menu.

④press "up and down" button to select "Yes"

⑤press "ENTER" to complete reboot device.

Menu> S	etup>		
3/4			
Baud	>	0/2	
DHCP	>	No	@
Reboot	>	Yes	
Factory	>		

Factory reset

It is an initializing setting for the device function(default is "NO"). There are two factory settings:

1.Factory common: factory reset for video switch, EDID, audio and setting (IP address can't be factory rest when under "common").

2.Factory All: factory set for video switch, EDID, audio, setting, preset and device name.

Eg: factory all operation:

(1) select "Setup" in main menu and press "ENTER" button

②press "up and down" button to select "Factory

③press "ENTER" to enter the next sub-menu.

④ press "up and down" button to select "ALL" and press "ENTER" button

5 press "up and down" button to select "Yes" and press "ENTER" button

Menu> Se	tup>		
4/4		0/2	
Baud	>	Common >	
DHCP	>	All >	
Reboot	>		
Factory	>		

Menu>	Setup>	Factory >	Common>
1 / 2			
1/2		Denst in	· · · · · · · · · · · · · · · · · · ·
NO	@	Reset in	formation:
Yes		1.Video	2.Audio
		3.EDID	4.Setup
Menu>	Setup>	Factory >	All>
1/2			
No	@	Reset inf	ormation:
No Yes	@	Reset inf 1.Video	ormation: 2.Audio
No Yes	@	Reset inf 1.Video 3.EDID	ormation: 2.Audio 4.Setup

1.7 Query information interface

Query IP and system information.

System interface: query company name, device name and version information

IP interface: query device IP address, MAC address and DHCP status.

Operation:

1 select "INFO" in main menu and press "ENTER" button

2 press "up and down" button to select "System" or "IP", bottom color will turn white when selected

③ press "ENTER" to enter the next sub-menu, then able to query device information.

Menu> 6/6 Audio EDID Preset Setup INFO.	0/2 > System > > IP > >
Menu> INFO 1/2 System IP	 > CO. xxx > Type xxx Pro Ver V0.1.4
Menu>INFO. > 2/2 System IP	DHCP Off IP 192.168.1.168 MASK 252.255.255.0 WG 192.168.1.1 MAC 0008-DC40-7454

RS232 Control

Comport setting:

Choose correct COM port that connect to PC in parameter configuration area

Baud Rate:	115200 bps(Default)
Parity:	None
Data Bit:	8 bit
Stop Bit:	1 bit

Enter Port Command in Send options.

F S	xcor	M V1.0	.1										- 0	×
CO	M Se	etting	Confi	guration	File Save D	ata Send	d File Setting	s Lan	guage	Help				
1	2	2	3					Appli	cation St	tarted at 202	20-10-08 15:	.26:46		
0	rder	1	Ran	domly 1										
ID	HEX	Timer	MS	Send		CMD	-							
1		100	1000	send1	#cmd		1							
2			1000	send2	#dbg0									
3			1000	send3	#mprt		-							
4		121	1000	send4										
5		177	1000	send5										
6			1000	send6										
7			1000	send7]									
8			1000	send8										
9		100	1000	send9	J									
10		100	1000	send10]									
11			1000	send11										
12		177	1000	send12										
13		171	1000	send13										
14			1000	send14										
15			1000	send15	J									
16			1000	send16]		-							
4.17		limit	4000		1			<u> </u>						
ID	HEX	Timer	ms	Extend	OpenFile				SendFile	Storage	📄 Stamp	HEX	Clear	
1			1000	SEND1										*
Port	0	(COM1)	通信端口	, L	•	2 Baud	1 115200	•	Open	DTR [RTS S:0	i.	R:0	

Command List

- 1). All commands start with "#"
- 2). "_" the underline cannot omit.
- 3). Command head, Parameter and target need to add one "SPACE".

The following table is only an example.Please refer to the list of instructions.

Туре	Format	Value	Regulation			
Command head	d #cmd					
Explain	Can be used to search command,after receiving command, the system will feedback all open command format fields					
Example1	#cmd					
Example1	Search all o	pen command				

Web Control

Static IP Add:	192.168.1.168
Sub-Mask:	255.255.255.0
Gateway:	192.168.1.1
Dynamic IP	OFF
TCP/IP/UDP Port	5000
	Account and Password: Admin
Telnet	Note: Capitalize the first letter
	Port: 23

Default IP address for log-in: 192.168.1.168

Change IP address of PC

Before configuring the device through the website, it is necessary to configure the IP

address of the computer configured with the device (mainly to ensure that the

computer and the device are set in the same network segment).

1). Open the network control center and set the computer's IP address:

2). Choose to use Static IP, with the IP address set to 196.168.1.x (x ranges from 0 to 254, but cannot be consistent with the device's IP address),

3). Subnet mask set to 255.255.255.0

4). Gateway set to 192.168.1.1

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Preferred DNS server: Alternate DNS server:	•	*	ж Ч	
 Obtain DNS server address Obset the following DNS server 	automatically er acdresses:			
Default gateway:	1.	÷	3 8 2	
Subnet mask:	255 . 2	55 . 25	5 <mark>5</mark> .0	
IP address:	192 . 1	68.1	. 2	1
Use the following IF address	s:			
for the appropriate IP settings.	eed to ask your	retwor	k admini	strator

Log in by browser

Type in user name and password

(default user name: admin; default password: admin)

Note: suggest to use latest version of Google, firefox, IE11 browser for better compatibility.

	PureLink digital solutions	
[A Username	
ſ	Password	
	Log in	

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	Video Audio E	DID Network System	
	Vide	to Control	
	lingua de la companya	Input3 Input4	
	Output		
	Output2 :		
	Output5 :		
	Output4 :		
	Output AlL:		
	Preset 1 Preset 2 Preset 3 Preset		
	Preset 5 Preset 6 Preset 7 Preset	A Recall	
PureLink		MA-HD44M	LogOut
	Video Audio El	DD Network System	
	Aud	o Control	
	HDMi De-Embed	HDMI De-Embed	
	HDMI De Pertert		
PureLink		MA-HD44M	Log Out
	Video Audio E	DID Network System	
	EDII) Control	
	Innut Bename	Conv EDID From	
	Int Inputs	Default1.4/60 444-1 PCM: 2.0, HORHIG ~	
	Ing Input2	Defeutti 4K60 444-LPCM: 2.0, HDRIHLG.	
	Ins Input3	Defaulti ax60 444 LPCM: 2.0, HDEHLG 🔶	
	Ine Inc.	Default14K60 444-LPCM 2.0, HDIEHLG +	
	ALC: NO.	Default1:4K60.444-LPCM: 2.0; HDR:HLG	
	Copy EDID from Default1:4K60:444-LPCM: 2.0. HDR:HLC	· fa (best ·) (_ fact, _)	
			(Transform)
PureLink		MR-11246M	regent

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	Video	Audio	EDID	Network.	System		
		Nét	work Info	rmation			
				_			
			S.				
					T)		
					Off		
			Apply				
PureLink			PT-MA-I	HD44M		Log Out	

	Video	Audio	EDID	Network	System		
		2	ystem Se	itting			
System Setting							
Rebo	ot		Facto	ry Common		Factory All	
Change Password							
			Version Web Ver V				
			Apply				
PureLink			PT-MA-I	HD44M			Log Out

Firmware Upgrade

Web upgrading after MCU application layer upgrade (Both Web and MCU application layer Support RS232 port upgrading), if burning with encrypted firmware, it may fail to burn or can't work normally.Should decrypt firmware before burning.

Burning ways as below:

MCU application layer upgrade

Connect unit to PC with USB2.0 to RS232 cable, open software "UART_ISP_V1.6.exe" select correct port, set baud rate: 115200, type in "A1" in PORT select PATH then click UPDATA to finish upgrading.

COM	BAUD
COM1 ~	115200 ~
PORT	9. T <u>a</u>
A1	REFRESH
PATH	
C:\	
	1
	UPDATA
113 DT TCD 111 C 2020 07 05	UPDATA
UART_ISP V1.6 2020-07-06	UPDATA
UART_ISP V1.6 2020-07-06 Steps : 1.Refresh the serial com:	UPDATA
UART_ISP V1.6 2020-07-06 Steps : 1.Refresh the serial com; 2.Select com, baud, port;	UPDATA
UART_ISP V1.6 2020-07-06 Steps : 1.Refresh the serial com; 2.Select com, baud, port; 3.Select firmware or drag to this software;	UPDATA
UART_ISP V1.6 2020-07-06 Steps : 1.Refresh the serial com; 2.Select com, baud, port; 3.Select firmware or drag to this software; 4.Upgrade;	UPDATA
UART_ISP V1.6 2020-07-06 Steps : 1.Refresh the serial com; 2.Select com, baud, port; 3.Select firmware or drag to this software; 4.Upgrade; Note :	UPDATA
UART_ISP V1.6 2020-07-06 Steps : 1.Refresh the serial com; 2.Select com, baud, port; 3.Select firmware or drag to this software; 4.Upgrade; Note : 1.You need to disconnect from other devices	UFDATA
UART_ISP V1.6 2020-07-06 Steps : 1.Refresh the serial com; 2.Select com, baud, port; 3.Select firmware or drag to this software; 4.Upgrade; Note : 1.You need to disconnect from other devices upgrading;	Defore
UART_ISP V1.6 2020-07-06 Steps : 1.Refresh the serial com; 2.Select com, baud, port; 3.Select firmware or drag to this software; 4.Upgrade; Note : 1.You need to disconnect from other devices upgrading; 2.Do not interrupt the upgrade when upgradin	UPDATA

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Web Upgrade

Connect unit to PC with USB2.0 to RS232 cable open software"UART_ISP_V1.6.exe" select correct port set baud rate:115200 type in "FO" in PORT select PATH click UPDATA to finish upgrading.

UART_ISP V1.6 —	
COM	BAUD
COM1	115200 V
PORT	
FO	REFRESH
PATH	
C:\	
	UPDATA
UART_ISP V1.6 2020-07-06	^
1.Refresh the serial com;	
2.Select com, baud, port;	
Select firmware or drag to this software;	
4.Upgrade;	
Note :	
Note : 1.You need to disconnect from other devices h upgrading:	efore
Note : 1.You need to disconnect from other devices h upgrading; 2.Do not interrupt the upgrade when upgrading	efore
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After-Sales Service

If there appear some problems when running the product, please check and deal with the problems referring to this user manual. Any transport costs are borne by the users during the warranty.

- Product Limited Warranty: This product will be free from defects in materials and workmanship for two years (The purchase invoice shall prevail).
 Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the unit is within the Warranty period must be presented to obtain warranty service.
- 2) What the warranty does not cover (servicing available for a fee):
 - Warranty expiration.
 - Factory applied serial number has been altered or removed from the product.
 - Damage, deterioration or malfunction caused by:
 - Normal wear and tear.
 - Use of supplies or parts not meeting our specifications.
 - No certificate or invoice as the proof of warranty.

• The product model showed on the warranty card does not match with the model of the product for repairing or had been altered.

- Damage caused by force majeure.
- Servicing not authorized by distributor.
- Any other causes which does not relate to a product defect.
- Delivery, installation or labor charges for installation or setup of the product.
- **3)** Technical Support: For any questions or problems, contact your distributor or reseller and tell them the respective product name and version, the detailed failure situation as well as the formation of the cases.



Asking for Assistance

Technical Support: Phone: +49 5971 800299 - 0 Fax: +49 5971 800299 - 99

Technical Support Hours: 8:30 AM to 5:00 PM Monday thru Thursday 8:30 AM to 4:00 PM Friday

Write to:

PureLink GmbH Von-Liebig-Straße 10 D - 48432 Rheine www.purelink.de info@purelink.de