prophecy

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1 YEAR WARRANTY RoHS FC CE

Congratulations for owning a gofanco product. Our products aim to meet all your connectivity needs wherever you go.

Have fun with our products!

Please read this manual carefully before first use.

If you need more information about our products, please visit www.gofanco.com.

For technical support, please email us at support@gofanco.com.

For drivers/manuals download, please go to http://www.gofanco.com/download.

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1. Safety and Notice

Please read all of these instructions carefully before you use the device. Save this manual for future reference.

The **PRO-KVMaud4P 4-Port HDMI 2.0a/Audio KVM Switch with USB 3.0 HUB** has been tested for conformance to safety regulations and requirements, and has been certified for international use. However, like all electronic equipments, the PRO-KVMaud4P should be used with care. Please read and follow the safety instructions to protect yourself from possible injury and to minimize the risk of damage to the unit.

*   Follow all instructions and warnings marked on this unit.
*   Do not attempt to service this unit yourself, except where explained in this manual.
*   Provide proper ventilation and air circulation and do not use near water.
*   Keep objects that might damage the device and assure that the placement of this unit is on a stable surface.
*   Use only the power adapter and power cords and connection cables designed for this unit.
*   Do not use liquid or aerosol cleaners to clean this unit. Always unplug the power to the device before cleaning.

2. Introduction

The **PRO-KVMaud4P** **4-Port HDMI 2.0a/Audio KVM Switch with USB 3.0 HUB** provides the most flexible and cost effective solution in the market for multiple computer management at home & office. The KVM switch can control 4 HDMI USB computers by one set of console peripherals (keyboard, mouse & monitor). With built-in USB 3.0 hub, users can share USB peripheral devices between connected computers.Besides, this KVM switch also supports HDR and the true 4K2K video.

3. Features

- HDMI 2.0a compliant
- Supports 4K2K@60 4:4:4 8bits, Video bandwidth 18Gbps
- Supports HDR, which is 4K2K@60 4:2:0 10bits
- HDCP 2.2 and 1.4 compliant
- Supports separate line input and output
- Plug and Play without any driver needed
- Supports built-in 4-port USB3.0 HUB to share USB devices
- Supports independent HID keyboard & mouse ports
- Supports hotkeys function
- Supports Dolby Digital PLUS, DTS-HD and Dolby TrueHD audio
- Supports default HDMI EDID and learns the EDID from displays
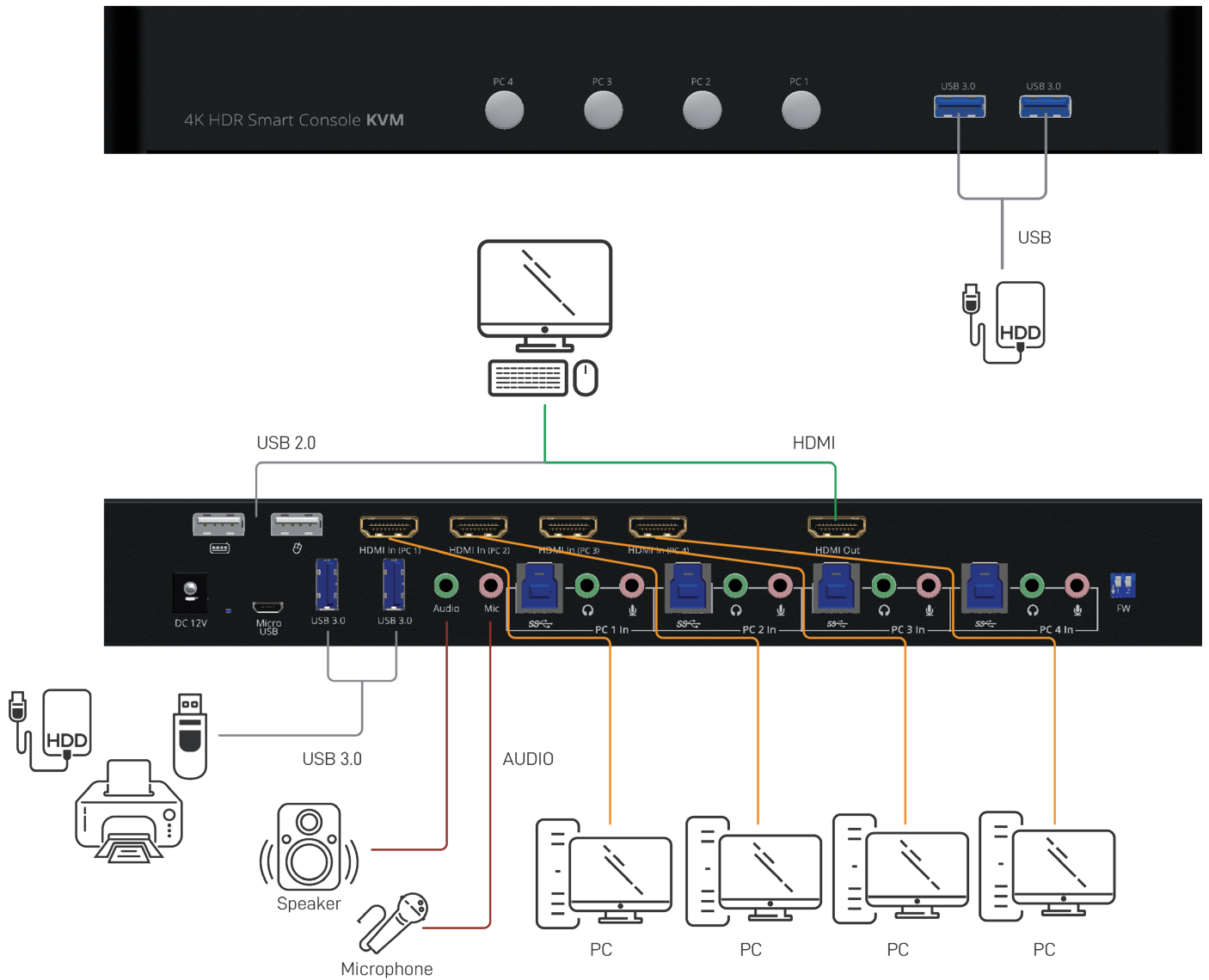- Firmware upgradable

5. Package Contents

- 1x PRO-KVMaud4P
- 1x DC 12V 2A power supply
- 1x Rack-mounting ear set
- 1x User Manual

4. Specifications

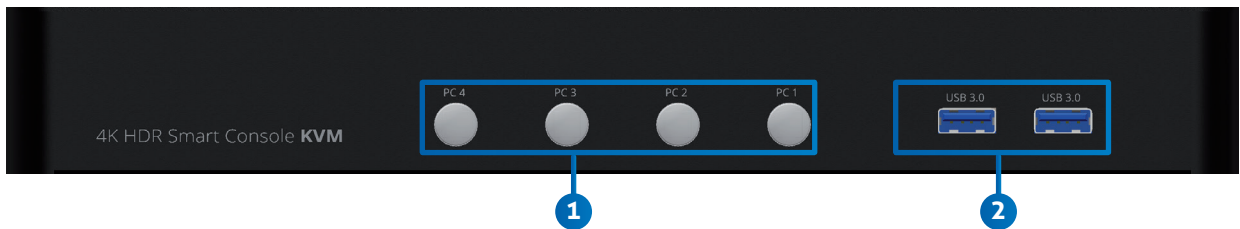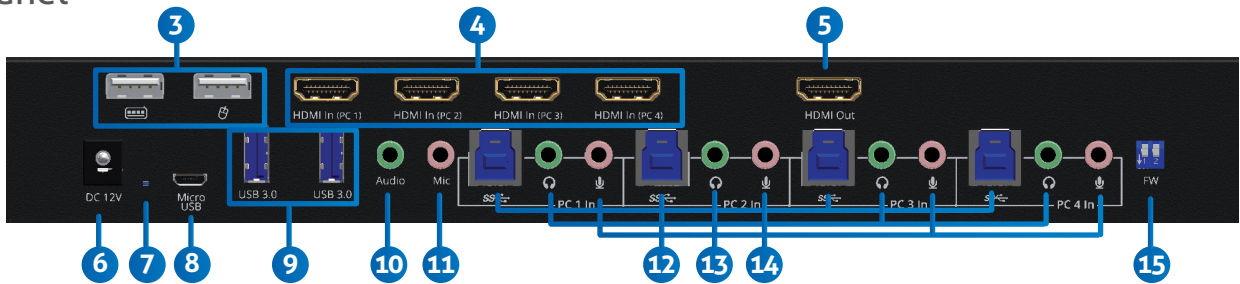| Item		Description
Technical		
HDMI compliance		4-Port HDMI KVM Switch
HDCP compliance		3D & 4K2K@60Hz
Video bandwidth		Up to HDCP 2.2
Video support		Single-link 594MHz [18Gbps]
HDMI over fiber		Up to HDR 4K2K@60(4:2:0 10bits) / 4K2K@60 (4:4:4 8bits)
Audio support		Surround sound (up to 7.1ch) or stereo digital audio
Equalization		Human body model — ±15kV [air-gap discharge] & ±8kV [contact discharge]
Input TMDS signal		4x HDMI, 4x USB 3.0(type B), 5x 3.5mm phone jack
Input DDC signal		1x HDMI, 4x USB 3.0(type A), 2x USB 1.1(type A), 5x 3.5mm phone jack
ESD protection		Type A [19-pin female]
PCB stack-up		USB3.0 type A / type B
Mechanical		
Housing		Metal enclosure
Dimensions [L x D x H]	Model	282 x 112 x 37mm [11.1" x 4.4" x 1.5"]
	Package	331 x 162 x 204mm [1' x 6.4" x 8"]
	Carton	500 x 432 x 340mm [1'6" x 1'4" x 1'1"]
Weight	Model	930g [2 lbs]
	Package	1144g [3.6lbs]
Fixedness		1RU rack-mount with ears and Wall hanging holes
Power supply		12V 2A DC
Power consumption		13 Watts [max]
Operation temperature		0~40°C [32~104°F]
Storage temperature		-20~60°C [-4~140°F]
Relative humidity		20~90% RH [no condensation]

6. Connection Diagram

PRO-KVMaud4P

7. Panel Description

Front Panel

1. **Port 1-2Selection Push Button:** Switch between computers
2. **USB 3.0 Hub:** Connect to USB devices

Rear Panel

3. **Console USB Ports:** Connect tokeyboard & mouse
4. **KVM Video IN 1-4 (HDMI IN 1-4):** Connect the HDMI cable to PC
5. **Console Video OUT (HDMI OUT):** Connect the HDMI cable to a display
6. **+12V DC:** +12V DC power jack
7. **Power Status:** Power indicator LED
8. **Micro USB:** For F/W update
9. **USB 3.0 Hub:** Connect to USB devices
10. **Console Stereo Audio OUT:** Connect to analog stereo audio speaker
11. **Console Stereo Audio IN:** Connect to analog stereo audio source
12. **KVM USB 3.0(Type B):** Connect the USB cable to PC
13. **KVM Stereo Audio IN 1-4:** Connect the stereo cable to PC
14. **KVM Stereo Audio OUT 1-4:** Connect the stereo cable to PC
15. **2-Pin Dip Switch:** For F/W update

Position		Description
PIN#1	OFF[⬆]	Working mode
	ON[⬇]	KVM Firmware Update mode
PIN#2	OFF[⬆]	Working mode
	ON[⬇]	MCU Firmware Update mode

8. Hotkey

Default setting, all of the following commands begin by pressing the [Scroll Lock] key twice. Please follow the hotkey command listed below for selected operating functions:

Hot key Definition	
[Scroll Lock] + [Scroll Lock] + [Ctrl] + [Enter]	Change [Scroll Lock] [Scroll Lock] to [Ctrl] [Ctrl] *
[Ctrl] + [Ctrl] + [Scroll Lock] + [Enter]	Change [Ctrl] [Ctrl] to [Scroll Lock] [Scroll Lock]
[Scroll Lock] + [Scroll Lock] + [NUMBER1~4] + [Enter]	Switch input 1~4 source to output
[Scroll Lock] + [Scroll Lock] + [S]	Auto Scan/ Exit Auto Scan mode**
[Scroll Lock] + [Scroll Lock] + [I] + [N] + [Enter]	Auto Scan Set [N]: 5~599 ***
[Scroll Lock] + [Scroll Lock] + [+]	Auto Scan Interval Add 5 Seconds
[Scroll Lock] + [Scroll Lock] + [-]	Auto Scan Interval Subtract 5 Seconds

* You can change the default setting to [Ctrl] [Ctrl], if you are using a Mac keyboard or a keyboard that does not have Scroll Lock key

** Auto scan through each channel for quick screen browsing (default = 15 seconds)

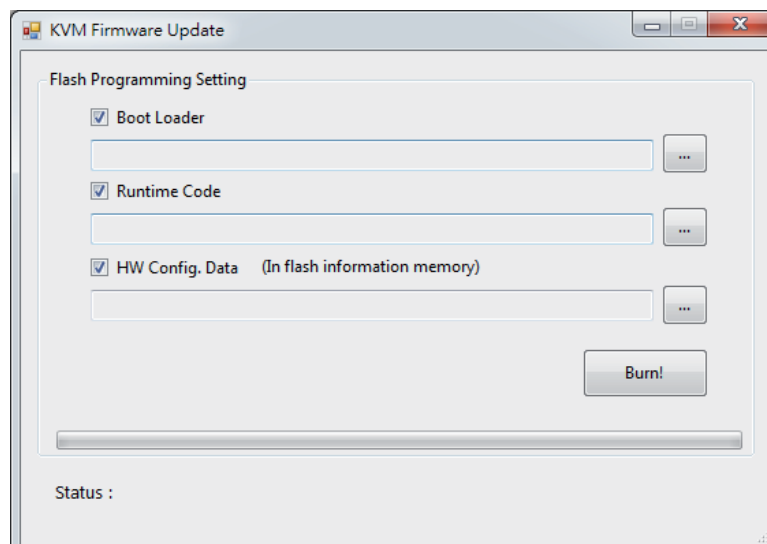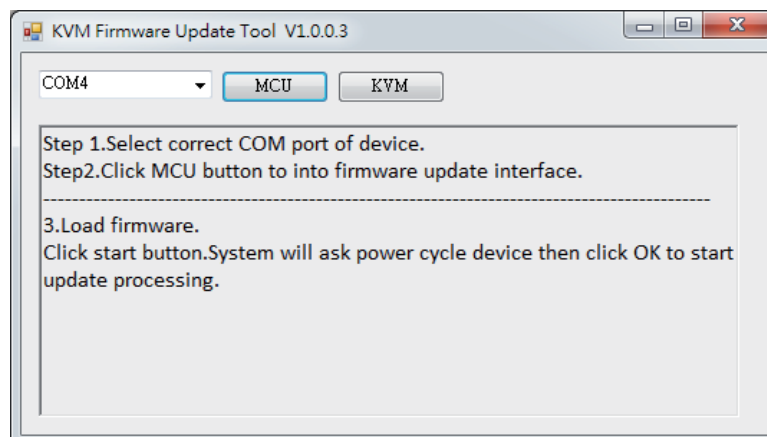*** You can set the auto scan interval according to the steps. (N = Number, 5~599)

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9. Firmwave update
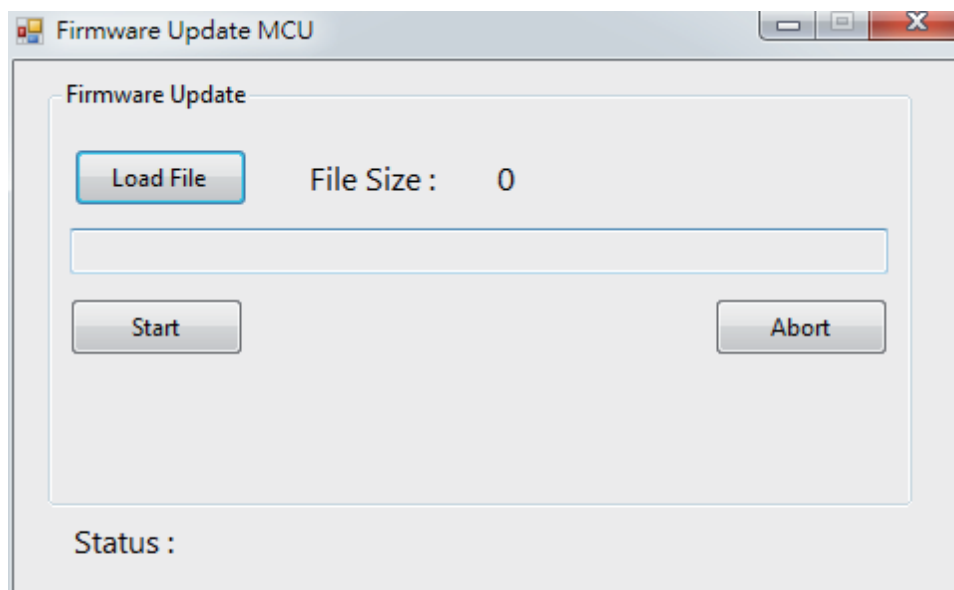
Firmware update is proceeded through Micro-USB

KVM F/W update

1. Connect the Micro-USB to USB cable between PC and device
2. Set dip switch PIN#1 to ON[⬇] and then power on device
3. Open firmware update software and then select COM Port
4. Click "KVM" button to open "KVM Firmware Update" windows.
5. Check all items and click each "..." button to select the file which you want to write into device.
6. Click the "Burn!" button to start firmware update
7. After updating, please set the dip switch PIN#1 to OFF[⬇] and power cycle the device

MCU F/W update

1. Connect the Micro-USB to USB cable between PC and device
2. Set dip switch PIN#2 to ON[⬇] and then power on device
3. Open firmware update software and then select COM Port
4. Click "MCU" button to open "Firmware Update MCU" windows.
5. Click "Load File" button to select the file which you want to write into device.
6. Click the "Start" button to start firmware update
7. After updating, please set the dip switch PIN#2 to OFF [⬆] and power cycle the device

10. Limited Warranty

The SELLER warrants the **PRO-KVMaud4P** 4-Port HDMI 2.0a/Audio KVM Switch with USB 3.0 HUB free from defects in the material and workmanship for 1 year from the date of purchase from the SELLER or an authorized dealer. Should this product fail to be in good working order within 1 year warranty period, The SELLER, at its option, repair or replace the unit, provided that the unit has not been subjected to accident, disaster, abuse or any unauthorized modifications including static discharge and power surge. This warranty is offered by the SELLER for its BUYER with direct transaction only. This warranty is void if the warranty seal on the metal housing is broken.

Unit that fails under conditions other than those covered will be repaired at the current price of parts and labor in effect at the time of repair. Such repairs are warranted for 90 days from the day of reshipment to the BUYER. If the unit is delivered by mail, customers agree to insure the unit or assume the risk of loss or damage in transit. Under no circumstances will a unit be accepted without a return authorization number.

The warranty is in lieu of all other warranties expressed or implied, including without limitations, any other implied warranty or fitness or merchantability for any particular purpose, all of which are expressly disclaimed.

Proof of sale may be required in order to claim warranty. Customers outside Taiwan are responsible for shipping charges to and from the SELLER. Cables and power adapters are limited to a 30 day warranty and must be free from any markings, scratches, and neatly coiled.

The content of this manual has been carefully checked and is believed to be accurate. However, The SELLER assumes no responsibility for any inaccuracies that may be contained in this manual. The SELLER will NOT be liable for direct, indirect, incidental, special, or consequential damages resulting from any defect or omission in this manual, even if advised of the possibility of such damages. **Also, the technical information contained herein regarding the PRO-KVMaud4P features and specifications is subject to change without further notice.**

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We reserve the rights to make changes without prior notice to a product or system described herein to improve reliability, function, or design.

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