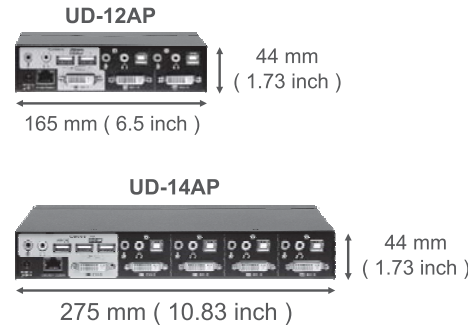


UD-12AP UD-14AP

Master-IT USB Plus+ - Advanced USB DVI KVM switch w/ Audio and DDM & multi-hotkey

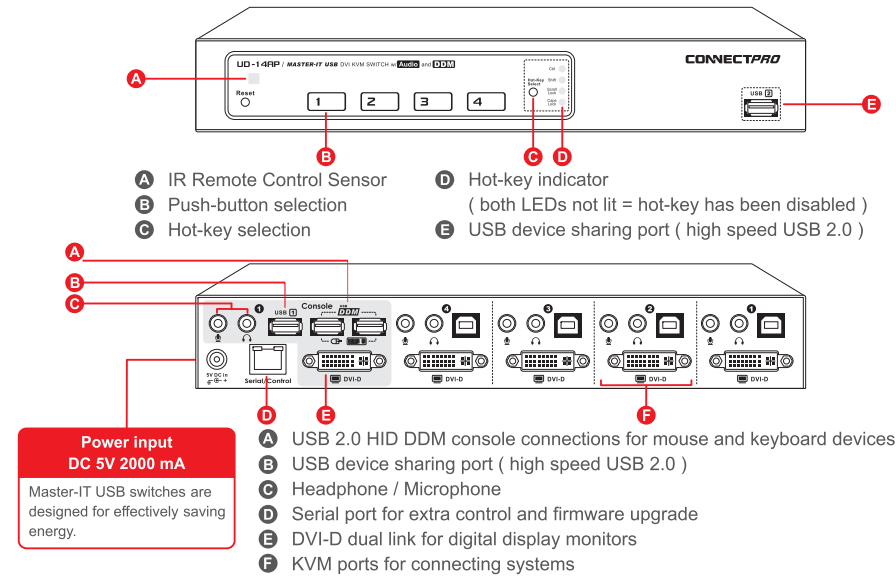
Installation Guide

Product View

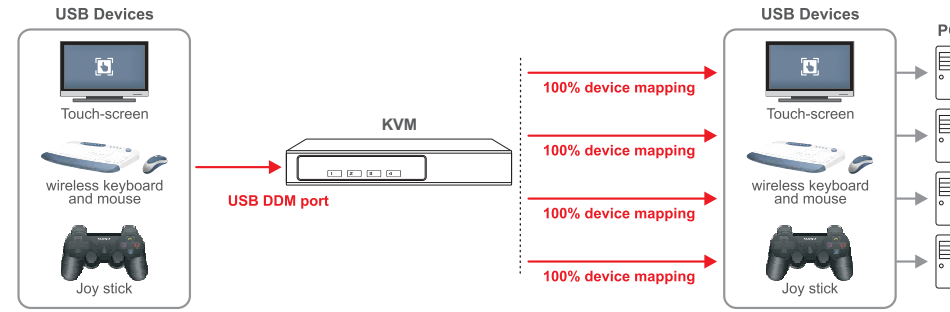


Front & Rear View

Special note:
LED light will be quickly flashing while the KVM is mapping out the device.



What is USB DDM



Connect cables



Special note:
If your device cannot work in rear console DDM ports properly, please connect it to the hub ports.
The rear console DDM ports will only function properly with HID devices.

Port Selection



Press button to select port for control



Use keyboard hot-key to select port



Use IR remote controller for selecting port (optional)

- Via RJ-45 serial port - control commands issued from a terminal application such as Hyper Terminal, Terra Term, and Putty.
- Via Mouse-click switching - An optional function activated through use of special hot-key command. The hotkey sequence so that people know how to enable it.

Hot-Key Command

1. Hot-key selection

- Via front panel Hot-key select button
- Via Hot-key control
- Default Hot-key = **Ctrl**

Hot-key + Hot-key + K + New Hot-key



2. Hot-key and functions

Hot-key + Hot-key + 1 (~ 4) → Switch to Port #1 (~ Port #4)

Hot-key + Hot-key + Z → Turn switching confirmation buzzer sound on/off

- Default = buzzer sound off

Hot-key + Hot-key + S N → Turn on Auto Channel Scan

- S = last setting interval , default = 5 seconds
- N (1 ~ 5) = 5, 8, 15, 20, 30 seconds
- Turn off Auto Channel Scan by pressing any key

3. Assign USB port command

Hot-key + Hot-key + H + 1 + P + (1 ~ 4) → Assign USB #1 for a certain port use only

Hot-key + Hot-key + H + 0 + P + 0 → Default USB port setting (Sync with KVM port selection)

Features & Benefits

- 100% compatible with USB HID devices (with USB DDM ports)
- Compatible with all versions Windows, Linux and Mac OSX
- Front panel push-button for easy channel selection
- User selectable multi-hotkey (Control, Shift, Scroll Lock, Caps Lock)
- Backlit push-button with multi-color LED for easy monitoring and selection
- Built-in IR remote receiver
- Buzzer sound for channel switching confirmation
- Plug-and-Play system configuration
- Additional USB ports for device sharing, or to assign to a certain port
- Assign video and audio to a certain port
- No drivers needed for keyboard and mouse operation
- RS-232 control and firmware upgradable
- DVI interface, support Daul-link DVI-D display
- Max video resolution supported 2560 x 1600
- Built-in All-time Full DDC (Active - DDC to all connected systems)
- Headphone / Microphone interface for each port
- 3-year Warranty

		UD-12AP	UD-14AP
Functional			
Computer port number		2	4
Panel button control		2	4
Button LED color indication		PC On-Line - Green , Selected - Red , Both - Yellow	
IR remote control		Yes (Built-in receiver, controller optional)	
Hot plug-and-play		Yes	
Hot key control		Yes	
Auto scan		Yes (Hot key)	
Selectable scan interval		5, 8, 15, 20, 30 sec (Hot key)	
Beep sound		On / Off (Hot key selectable)	
Cable length		5M (15ft) for USB	
Resolution		Max 2560 x 1600 , DDC1 / DDC2B	
System connectors	Keyboard & Mouse	USB B x 2	USB B x 4
	Monitor	DVI-24+5 Female x 2	DVI-24+5 Female x 4
	Audio	Speaker x 2 , Mic x 2 (3.5mm)	Speaker x 4 , Mic x 4 (3.5mm)
Console connectors	Keyboard & Mouse	USB A x 2 (DDM Technology)	USB A x 2 (DDM Technology)
	Monitor	DVI-24+5 Female x 1	DVI-24+5 Female x 1
	Audio	Speaker x 1 , Mic x 1 (3.5mm)	
Total USB device sharing port		USB A (USB 2.0) x 4	
Mechanical			
Height		44 mm (1.73 inch)	44 mm (1.73 inch)
Width		165 mm (6.5 inch)	275 mm (10.83 inch)
Depth		76 mm (2.99 inch)	131 mm (5.16 inch)
Weight		530 g (1.17 lb)	1150 g (2.54 lb)
Power			
Operating voltage		DC 5V (2000 mA)	
Power frequency		50-60 Hz	
Power consumption		6 W	7.5 W
Certification			
		FCC, CE	

Ordering Information	
Model	Description
UD-12AP	2-port USB DVI+VGA KVM Switch with Audio and DDM
UD-14AP	4-port USB DVI+VGA KVM Switch with Audio and DDM
Optional part / accessory	
Cables	
SDU-06D	6-ft DVI-D & USB KVM cable
SDU-10D	10-ft DVI-D & USB KVM cable
SDU-15D	15-ft DVI-D & USB KVM cable, special length of KVM cables are available (25-ft, 50-ft)
DVI-202-06D	6-ft DVI-D DVI cable
DVI-202-10D	10-ft DVI-D DVI cable
DVI-202-15D	15-ft DVI-D DVI cable
CAS-202-06	6-ft audio cable
CAS-202-10	10-ft audio cable
CAS-202-15	15-ft audio cable
Power Adaptor	
PAUS-DC5V2A	Power supply DC 5V (2000 mA) - AC 110/220V for USA
	* Any other interface is available upon request
IR Remote Controller	
RC-01	IR remote controller for 2-port & 4-port KVM Switch
Rack Mounting Kit	
RMK-1901	19" rack mounting bracket set for 4-port KVM Switch
RBK-19	19" rack mounting cable support bar

Limited Warranty For ConnectPRO KVM Switches	
ConnectPRO offers a 3-year limited warranty for all of its KVM Switches and KVM Switch modules. ConnectPRO stands behind its products assured that you're purchasing a proven technology with quality and reliability.	



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