TECHNICAL SPECIFICATIONS

VIDEO	
Format	DisplayPort 1.2
Link Rate	5.4 Gbps/lane
Input Interface	(8) DisplayPort (female)
Output Interface	(2) DisplayPort (female)
Max Resolution	Up to 3840 x 2160 @ 30Hz
DDC	FAUX transaction mode option over Aux channel
Input Equalization	Automatic
Bandwidth Frequency	10.2 Gbps

OTHER	
Power	External 100-240 VAC/ 5VDC4A @20W
Dimensions	12" W x 1.75" H x 6" D
Weight	4 lbs
Approvals	UL, CE, ROHS Compliant
Operating Temp.	23 to 95 °F (-5 to 35 °C)
Storage Temp.	-4-185 °F (-20-85 °C)
Humidity	Up to 95%

USB	
Signal Type	USB 2.0, 1.1, and 1.0 w/ internal hub
Input Interface	(8) USB Type B (female)
Output Interface	(2) USB Type A (female) for keyboard and mouse connection only; (2) for USB 2.0 Transparent

WHAT'S IN THE BOX

PART NO.	QTY	DESCRIPTION
DPN-4DUO	1	4-Port Dual-Head DisplayPort KVM Switch with USB 2.0 and Front Panel Push Buttons.
PS5VDC4A	1	Power Supply
User Manual	1	

CONTROL	
Front Panel	Tactile Switches
RS-232	Control @ 9600 bps
Hotkeys	Via Keyboard
Emulation	Optional

Designed and Manufactured in the USA

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Smart-AVI
SMART AUDIO VIDEO INNOVATION

DPN-4Duo
User Manual

4-Port Dual-Head DisplayPort 1.2 KVM Switch with Full Keyboard and Mouse Emulation and USB 2.0 Sharing

CONTROLLING THE DPN-4DUO

Front Panel Control

To switch ports using the front panel, press the *UP* button to navigate up and *DOWN* button for down.

RS-232 Control

Use a male-to-female serial cable to connect a computer to the RS-232 port of the DPN-4Duo. Use terminal client software such as the **HyperTerminal** to connect to the DPN-4Duo. Make sure to use the standard communication mode of 9600 bps, 8, N, 1, (no flow control). This port can also be used for software upgrade. Please refer to online manual for more details.

Hotkey Commands

The Hotkey command is a keyboard sequence used to trigger an action on the DPN-4Duo through the use of the keyboard connected on the USB port of the DPN-4Duo. To activate the hotkey sequence, press the *CTRL* key twice and then enter the desired hotkey commands.

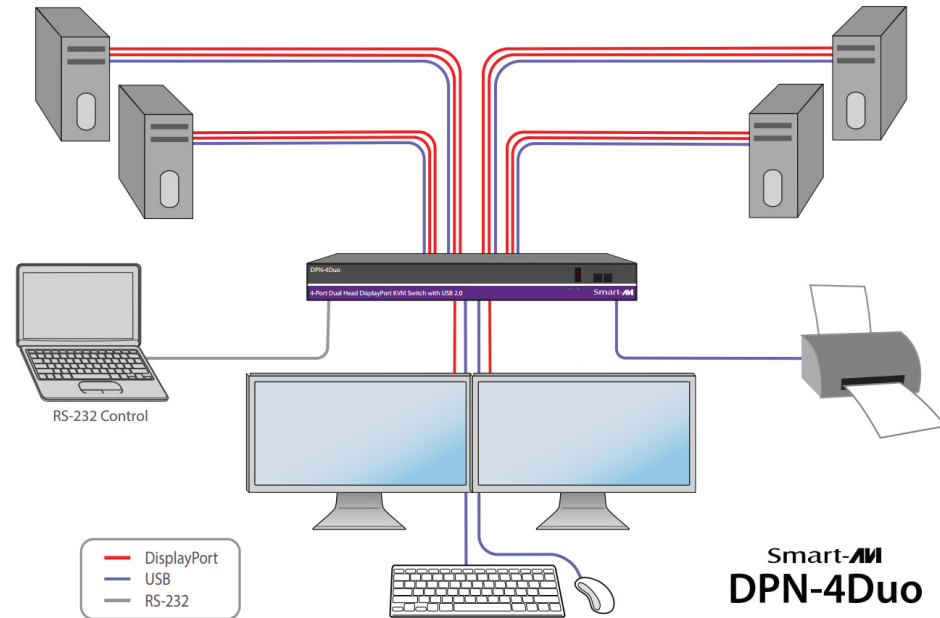## DPN-4DUO FRONT

DPN-4DUO REAR

CONNECTING THE DPN-4DUO

1. Ensure that power is disconnected from DPN-4Duo.

2. Connect two DisplayPort cables and a USB cable (male-A to male-B) from each computer to their respective input ports on the DPN-4Duo.

3. Optionally connect RS-232 for control functions.

4. Connect the USB keyboard and mouse to the two USB ports on the right .

   Note: The 2 USB ports on the right are dedicated for keyboard and mouse emulation. The 2 on the left are for other USB peripherals (flash drives, printers, etc.)

5. Connect two DisplayPort monitor to *OUT A* and *OUT B* DisplayPort connectors on the DPN-4Duo.

6. Power on the DPN-4Duo.

INSTALLATION DIAGRAM

COMMANDS	HOTKEYS	RS-232 CONTROL
Switch all devices (KVM, USB 2.0, and Audio)	[CTRL] [CTRL] **m** [port #] [ENTER]	//**m**[port #]<CR>
Switch KVM **only**	[CTRL] [CTRL] **c** [port #] [ENTER]	//**c**[port #]<CR>
Switch one channel up	[CTRL] [CTRL] ▲ key	
Switch one channel down	[CTRL] [CTRL] ▼ key	
Reset	[CTRL] [CTRL] **r** [ENTER]	//**r**<CR>