KL-151/KL-153 User Manual

PACKING LIST

The complete KL-151/KL-153 switch package consists of
◆ KL-151/KL-153 switch
◆ Power Adapter
◆ User Manual

Please check to make sure that all the components are present and that nothing was damaged in shipping. If you encounter a problem, contact your dealer.
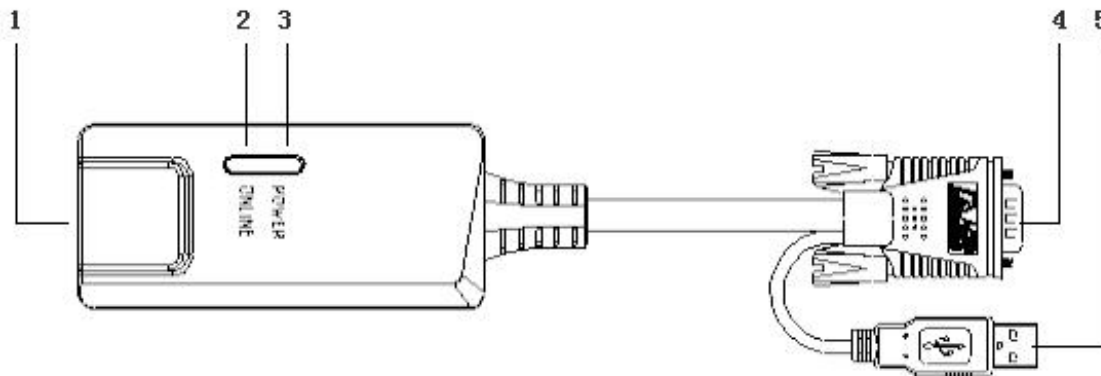Read this manual thoroughly and follow the installation and operation procedure carefully to prevent any damage to the unit, and/or any of the devices that connect to it.

FEATURES

◆ Can simultaneously control two 8-port or 16-port RJ45 type KVM
◆ Be compatible with PS/2 / USB mouse and keyboard.
◆ Superior video quality.

OVERVIEW

Transmitting End:

1. RJ45 Port of Transmitting End
◆ Put one side CAT5 cable into this RJ45 port, put another side CAT5 interface into Receivers RJ45 port
2. LED on-line instruction light
◆ The light is on when it's connected with Receiver
3. LED Power Light
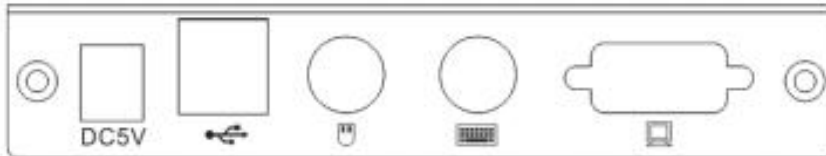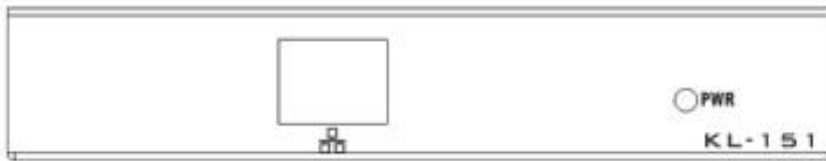◆ The light is on when it's connected with PC
4. VGA Port
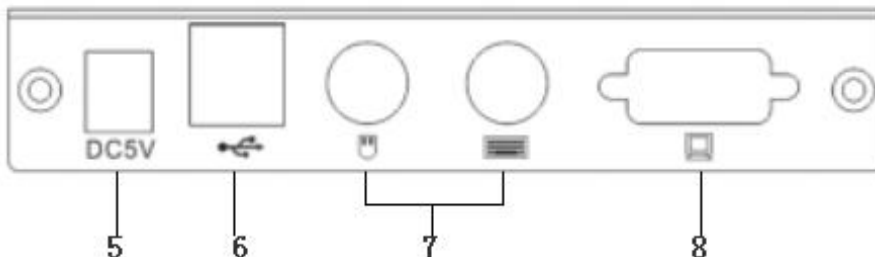◆ Connect with HDB-15 port of PC
5. Mouse & Keyboard Interface
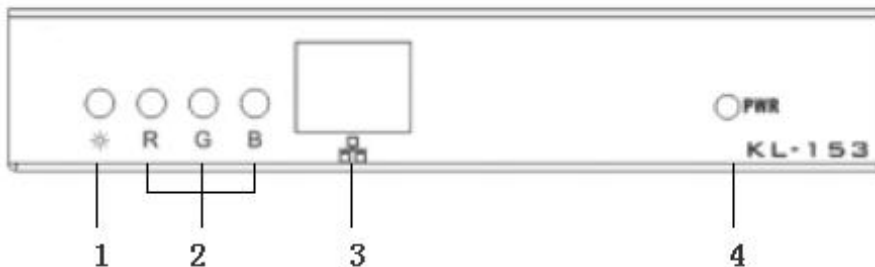◆ Connect with USB port of PC

Receiving End:

KL-151

KL-153

1. Adjustable Turn-knob
◆ Video Contrast adjustment
2. Adjustable Turn-knob
◆ Three color primaries adjustment
3. Receiver RJ45 Port
◆ Receive the signal from transmitting end.
4. LED Power Instruction
◆ LED is light when it's powered on.
5. Power Interface
◆ DC port
6. USB Port
◆ The USB mouse & keyboard plug into these ports.
7. PS/2 Port
◆ The PS/2 mouse & keyboard plug into these ports.
8. VGA Port
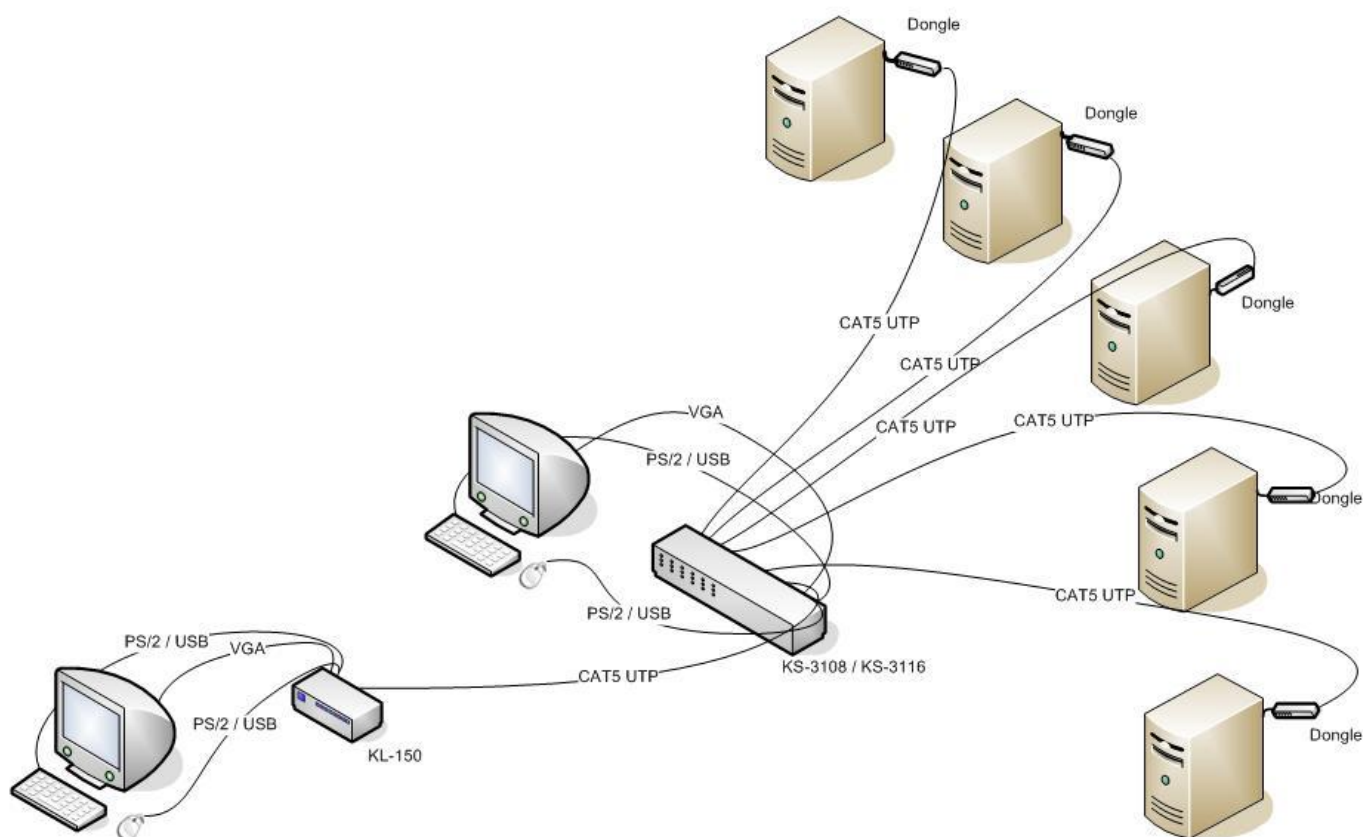◆ It is used to plug the monitor.

INSTALLATION

SINGLE INSTALLATION

1. Plug your PS/2 / USB keyboard, PS/2 / USB mouse and monitor into the console port section located on the unit's rear panel.
2. Plug one end of the CAT5 UTP into the available RJ45 port on the switch.
3. Plug the other end of the CAT5 UTP into the RJ45 port on the matching dongle. Connect the dongle to the computer.

INSTALLATION TOGETHER WITH KS-3108 / KS-3116

1. Plug your PS/2 / USB keyboard, PS/2 / USB mouse and monitor into the console port section located on the unit's rear panel.
2. Plug one end of the CAT5 UTP into the available RJ45 port on the switch.
3. Plug the other end of the CAT5 UTP into the RJ45 port on KS-3108 / KS-3116.

ILLUSTRATION

OPEARTION

User can use hot key to do some switching operation.

Port Switch: Quickly press L CTRL and release it, and then press R CTRL to switch between the two ports.

Remote and Local Switch: When connected to KS-3108 / KS-3116, double click F12 to shift between local control and remote control.

SPECIFICATION

Type		KL-151	KL-153
Connectors	Keyboard, Mouse	PS/2,USB Female	PS/2,USB Female
	Video	1 x HDB-15 Female(Blue)	1 x HDB-15 Female(Blue)
	CAT5	RJ45	RJ45
	Video Adjustable	No	Adjustable Knobs
Video	Signal type	VGA	VGA
	Minimum input level	0.5Vp-p	0.5Vp-p
	Max input level	1.0Vp-p	1.0Vp-p
	I/O impedance	75Ω	75Ω
	Resolution	1280*1024	1280*1024
	Line Frequency	30-100KHz	30-100KHz
	Field Frequency	40-120Hz	40-120Hz
Standard	Distance	MAX 100M	MAX 300M
	Power	DC5V 2000mA	DC5V 2500mA
	Storage Temp	-20˚C~60˚C	-20˚C~60˚C
	Working Temp	-10˚C~50˚C	0˚C~50˚C
	Dimension	125mm*74mm*23mm	125mm*74mm*23mm
	Weight	580g	600g
Color		Black	
Housing		Metal	

Transmission Distance:

Cable	Distance (m)	Resolution（60Hz）
CAT5/5e-CAT6	50	1920*1080
	150	1280*1024
	300	800*600

The users manual or instruction manual for an intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

In cases where the manual is provided only in a form other than paper, such as on a computer disk or over the Internet, the information required by this section may be included in the manual in that alternative form, provided the user can reasonably

be expected to have the capability to access information in that form.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However,
there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-- Reorient or relocate the receiving antenna.
-- Increase the separation between the equipment and receiver.
-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-- Consult the dealer or an experienced radio/TV technician for help.