

KVM User Manual

KVM SWITCHES PACKING LIST

Type	Name	Num/Unit	Note
AS-3100L Series Products	KVM Control Platform	1	15 inches LCD screen, keyboard and mouse control platform integrated KVM switch with multiple ports (4/8/16ports).
AS-7100L Series Products	KVM Control Platform	1	17 inches LCD screen, keyboard and mouse control platform integrated KVM switch with multiple ports (4/8/16ports).
AS-9100L Series Products	KVM Control Platform	1	19 inches LCD screen, keyboard and mouse control platform integrated KVM switch with multiple ports (4/8/16ports).
Cable	KVM Connecting Cable	1/4/8/16	PS/2 Connecting and USB Connecting
AC Power	Power Cable	1	AC power connecting cable
KVM Control User Manual	User Manual	1/2	LCD Manual and KVM Manual

Please check the lists carefully and contact with your dealer if you have some problems.

Please read the manual carefully before installation.

Assembling & Disassembling

The device can be assembled and disassembled as following.







OVERVIEW

KVM control platform is one which integrate a multiple ports KVM switch into 1U height. It controls multiple computers with one platform (keyboard, mouse and monitor).

A KVM switch can control 4/8/16 PC by direct connection and it can control 256 PC at most by 3 level cascade connection.

It is easy and quick to install. Just connect the wire to the correct port without software configuration. So there is no difficulty in installation and incompatibility.

KVM switch provides two methods to control the computers connected to it:

1. By keyboard combine key.
2. By OSD operation.

In addition, it provides powerful automatic scanning function to scan and monitor all computers

connected to it.

Using KVM control platform is a best choice to save time and money. By using one KVM platform to manage all the computers connected to it, user can save money for keyboard, mouse and monitor for each computer and their space.

PRODUCT TYPE

Type	OSD Function	Note
AS-3100L	No	15 inches LCD screen, keyboard and mouse. And Body parts can be easily demolished
AS-3104\ 08\16RDL	Yes	15 inches LCD screen, keyboard, mouse and 4\8\16 ports PS/2 KVM. And Body parts can be easily demolished
AS-3104\ 08\16UDL	Yes	15 inches LCD screen, keyboard, mouse and 4\8\16 ports USB KVM. And Body parts can be easily demolished
AS-7100L	No	17 inches LCD screen, keyboard and mouse. And Body parts can be easily demolished
AS-7104\ 08\16RDL	Yes	17 inches LCD screen, keyboard, mouse and 4\8\16 ports PS/2 KVM. And Body parts can be easily demolished
AS-7104\ 08\16UDL	Yes	17 inches LCD screen, keyboard, mouse and 4\8\16 ports USB KVM. And Body parts can be easily demolished
AS-9100L	No	19 inches LCD screen, keyboard and mouse. And Body parts can be easily demolished
AS-9104\ 08\16RDL	Yes	19 inches LCD screen, keyboard, mouse and 4\8\16 ports PS/2 KVM .And Body parts can be easily demolished
AS-9104\ 8\16UDL	Yes	19 inches LCD screen, keyboard, mouse and 4\8\16 ports USB KVM .And Body parts can be easily demolished

FEATURES

Control Platform

- ◆ Control platform with LCD, keyboard, mouse and multiple ports KVM switch.
- ◆ 1U height, suitable for 19" standard cabinet installation and metal structure.
- ◆ 15/17/19" LCD screen with high brightness, high clear and high resolution.
- ◆ Control platform can be totally pulled out from the cabinet and the LCD screen can be turned on to 120 degrees.
- ◆ Ultra thin keyboard with keypad.
- ◆ Mouse touch board with two function button.
- ◆ Front panel with lock to prevent damage by accident.
- ◆ Built-in power.
- ◆ Automatic power on/off. When pulling control platform out from cabinet, the power turns off automatically. When pushing it into the cabinet, the power turns on automatically.
- ◆ An easy to use OSD menu.

Switch

One control platform can control 4/ 8/16 computers by direct connection.

One control platform can control 256 computers by 3 level cascade connection.

Be compatible with PS/2, USB standard interface.

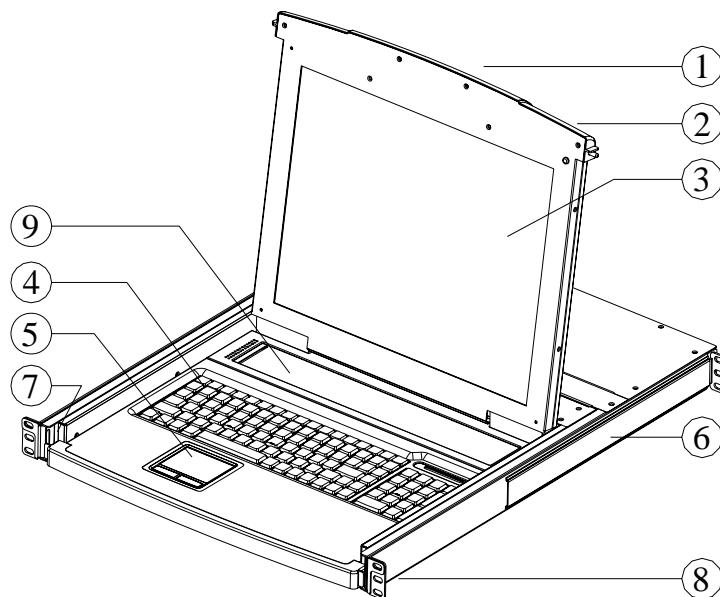
Support VGA, SVGA, XGA video input.

Accord with DDC, DDC2, DDC2B standard and VESA standard.

Support maximum resolution of 1920 * 1440

Support multiple operating systems: WIN95/98/98SE/ME/200/XP、WIN NT、UNIX、LINUX.

FRONT VIEW

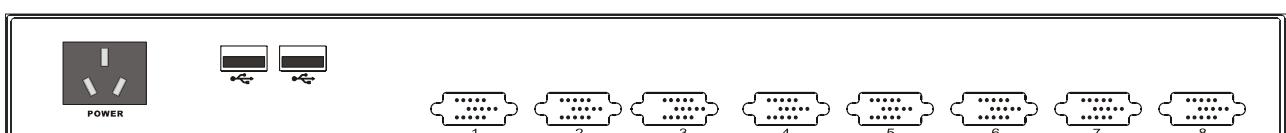


1. Front panel
2. Handle
3. LCD screen
4. Keyboard
5. Mouse touch board
6. Rear hang ear channel
7. Guide
8. Front hang ear
9. LCD OSD control key

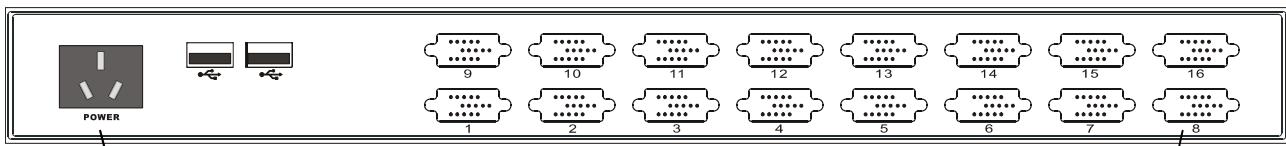
REAR VIEW



AS-3104UDL/AS-7104UDL/AS-9104UDL



AS-3108UDL/AS-7108UDL/AS-9108UDL



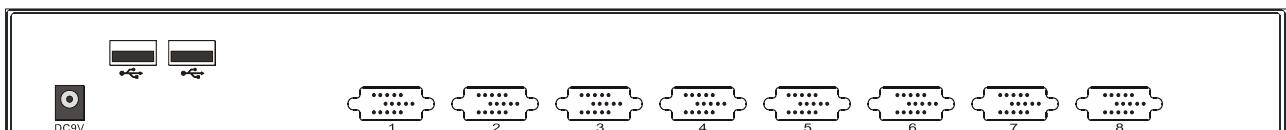
AS-3116UDL/AS-7116UDL/AS-9116UDL

①

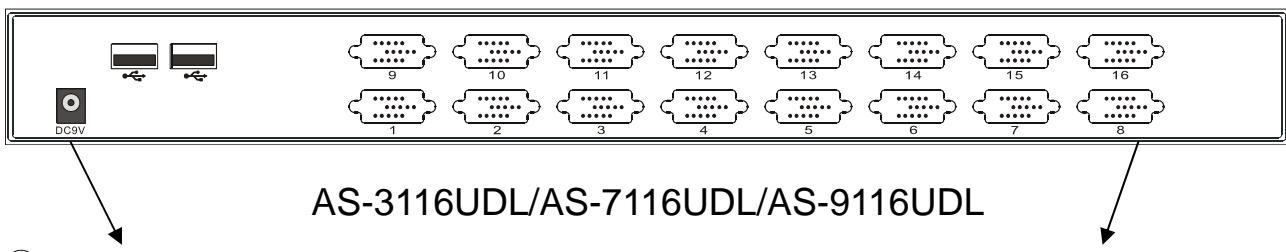
① AC 100~230V power socket
 ② PC connecting port



AS-3104UDL/AS-7104UDL/AS-9104UDL



AS-3108UDL/AS-7108UDL/AS-9108UDL

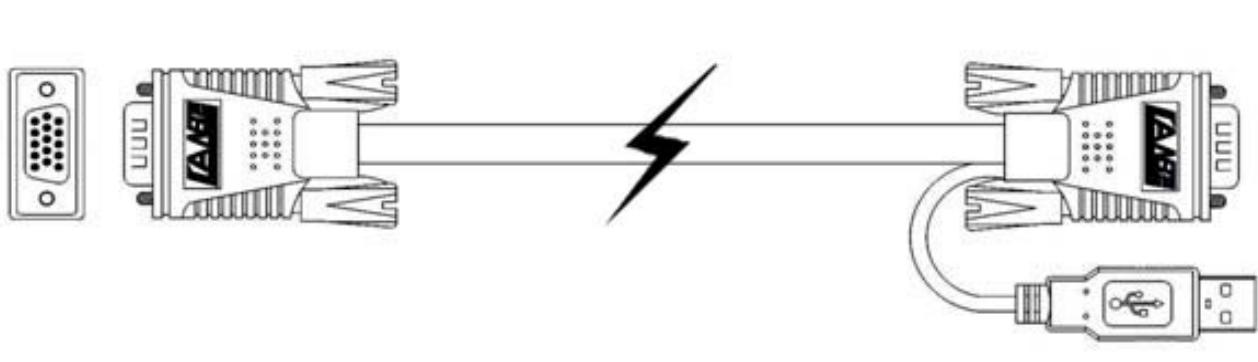


AS-3116UDL/AS-7116UDL/AS-9116UDL

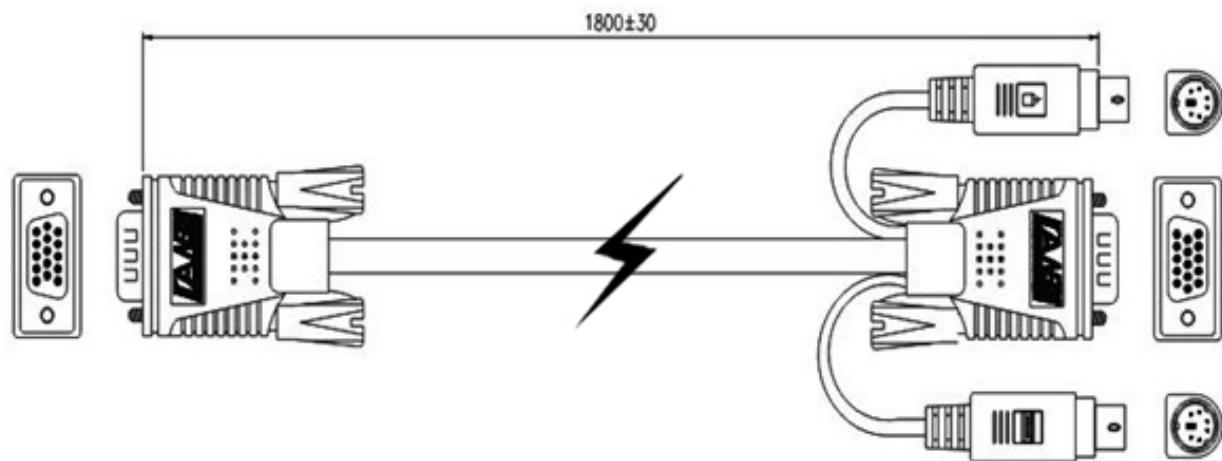
① DC 9V 1000mA power socket
 ② PC connecting port

KVM CONTROL PLATFORM CONNECTING WIRE

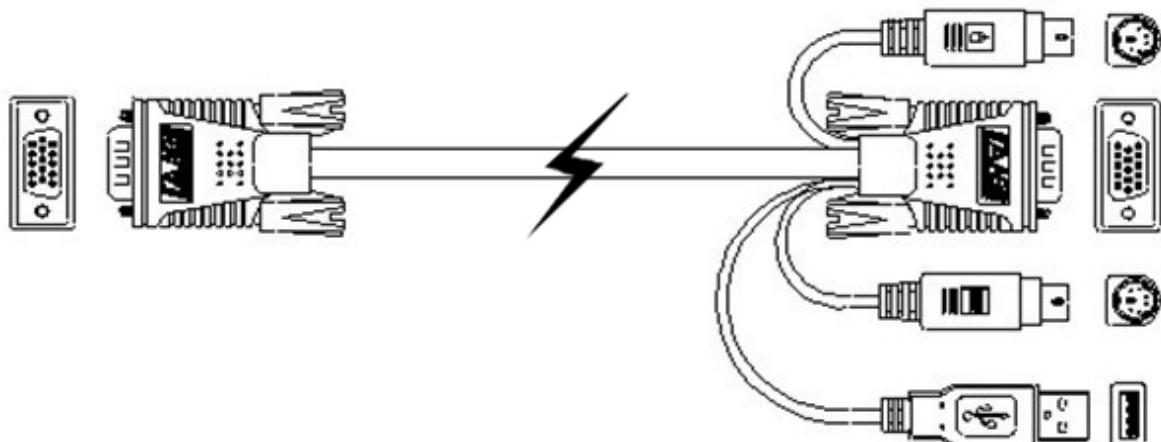
Cable Type	Applicable Type	KVM Port	PC or Server Port
USB Connecting Cable	AS-3104/08/16UDL Series Products	VGA port (Keyboard, mouse and monitor)	VGA、Keyboard、Mouse (Standard USB Interface)
PS/2 Connecting Cable	AS-3104/08/16RDL Series Products	VGA Port (Keyboard mouse And monitor)	VGA、Keyboard、Mouse (Standard PS/2 Interface)



USB Connecting 1.8m Cable



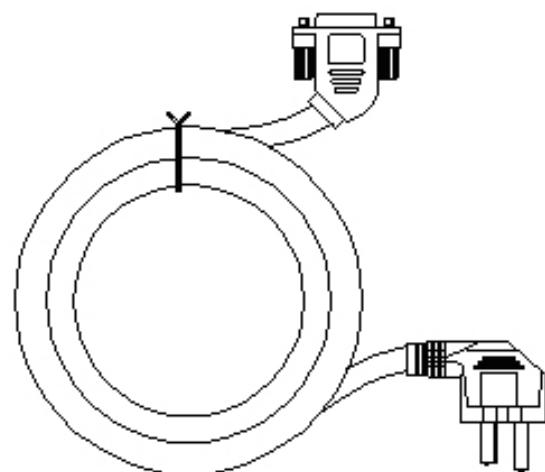
PS/2 Connecting 1.8m Cable



USB and PS/2 Connecting 1.8m Cable

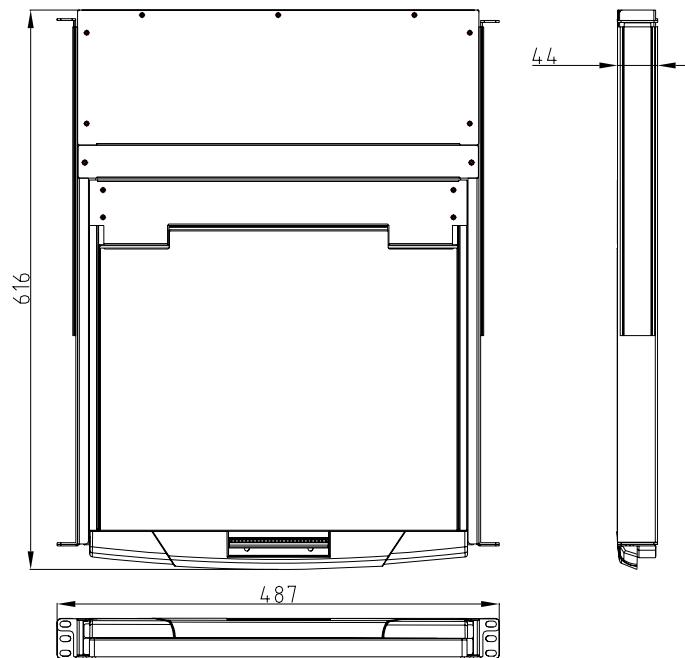
KVM CONTROL PLATFORM POWER WIRE

Wire Type	Note	Voltage Range	Machine Type
AC Power Wire	3 Plugs of National Standard	100~230V	All



AC Power Wire

DIMENSION



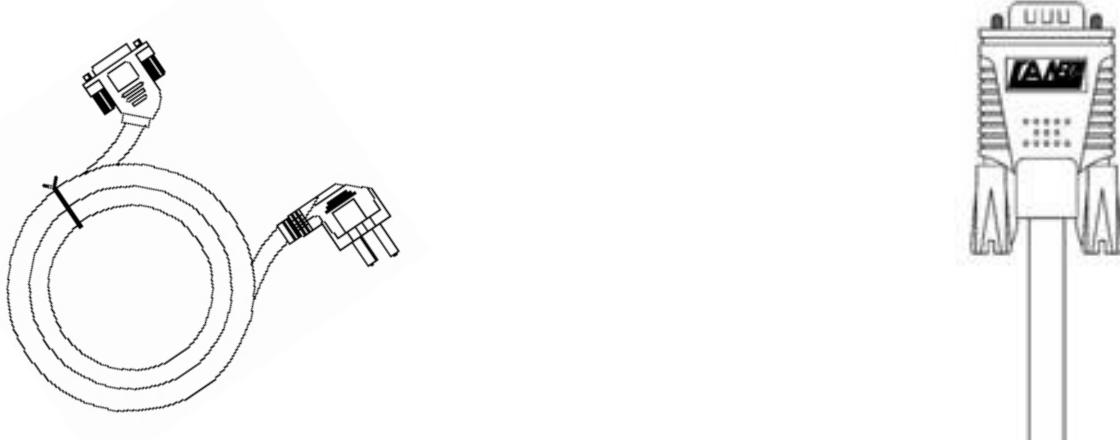
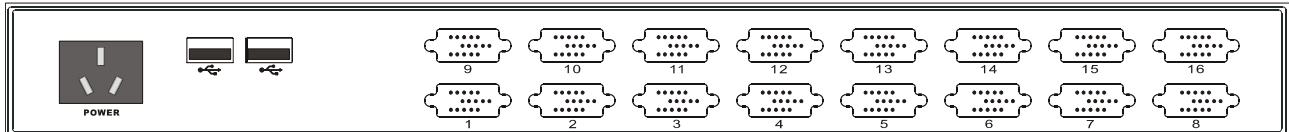
CONNECTION OF KVM SIGNAL WIRE

1. PS/2 connecting wire

Connect the end with 3 sockets to the KVM control platform, and the other to the computer.

2. USB connecting wire

Connect the end with HD15 to the USB KVM control platform, and the other to the computer.



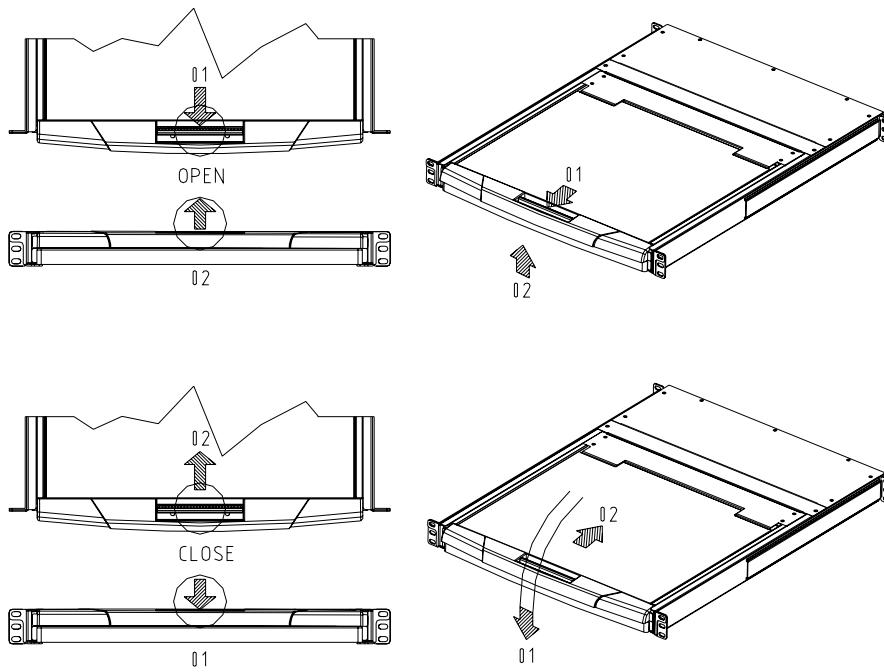
OPERATIO

Before Use

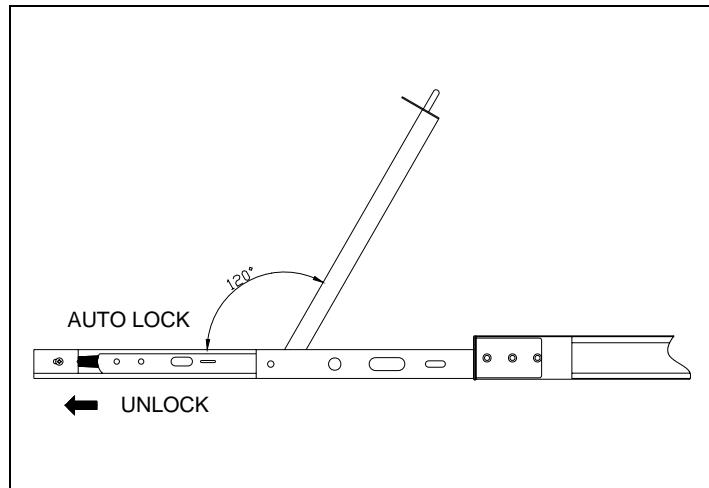
- Make sure all the devices safely grounded.
- Make sure the KVM wire and power wire connected correctly.

During Use

- Pull the KVM control platform out from cabinet totally, the guide locks automatically and the power turns on.
- Release front lock. As shown below:



- Then open the front panel and the LCD can be turn on to 120 degrees. As shown below:



- Press LCD power key (red), the LCD is on.

After Use

- Press LCD power key, the LCD is power off.
- Close LCD panel and lock the front panel.
- Release guide lock.
- Push the control panel into the cabinet totally, and then it is power off.

Hot Plug

The KVM control platform supports hot plug. It can be connected and disconnected without power off. Please follow the steps:

- ◆ Hot plug PC connecting port:

When hot plugging PC port:

1. The connecting wire must be plugged into the port from which it is pulled out.
2. Plug the mouse before the keyboard.

Note: The KVM control platform must be power on before PC.

Power On/Off and Reboot

If user needs to cut off the power of KVM control platform, please follow the steps before power on again.

1. Cut off the power supply of all computers.

Note:

- 1) The power wire of computer with keyboard power on function must be pulled out. Otherwise, the KVM still receives the power signal from computer.
- 2) If the control unit uses the external power, please pull out external power.
2. After about 10 seconds, power on the KVM control platform.
3. After the KVM switch starts, power on the computers.

INTERFACE SELECTION

There are two ways to select: Hot key and OSD menu.

HOTKEY

The hotkey let the user control the connected computers by keyboard. Please check AUTO SWITCH user manual.

FCC NOTE:

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.

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.