

#### 4.2 Install Sound card driver

After you click “Install” behind the “Realtek HD audio driver” in the interface of Fig. 4.2, a dialog box as shown in Fig. 4.4 will pop up. Then you can click “Next” and wait till the driver is installed completely.

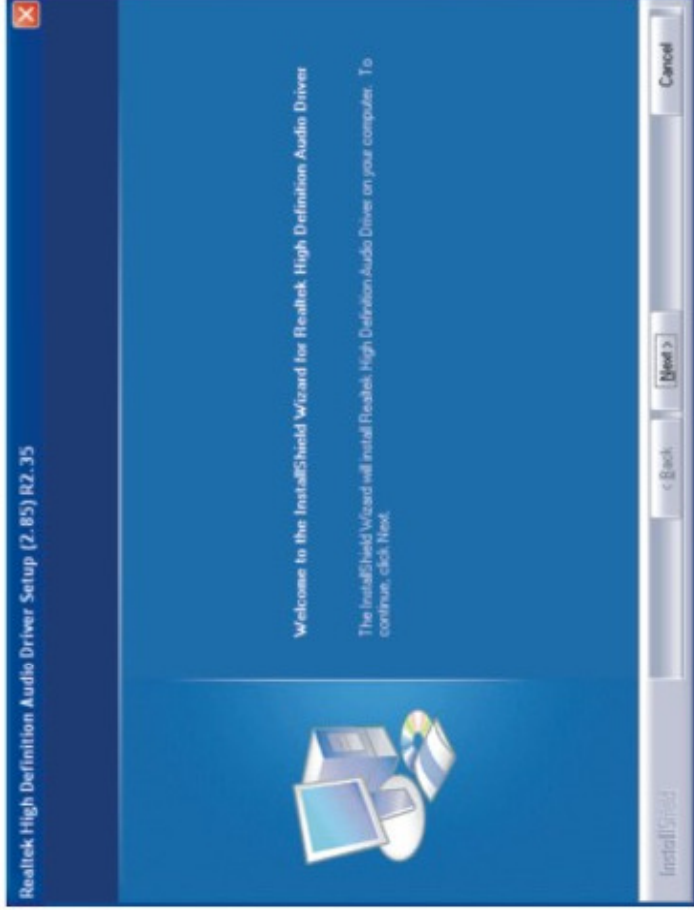


Fig. 4.4

#### 4.3 Installing driver for on-board LAN chip

After you click “Install” behind the “Realtek 10/100/1000 LAN Driver” in the interface of Fig. 4.2, a dialog box as shown in Fig. 4.5 will pop up. Then you can click “Next” and wait till the driver is installed completely.

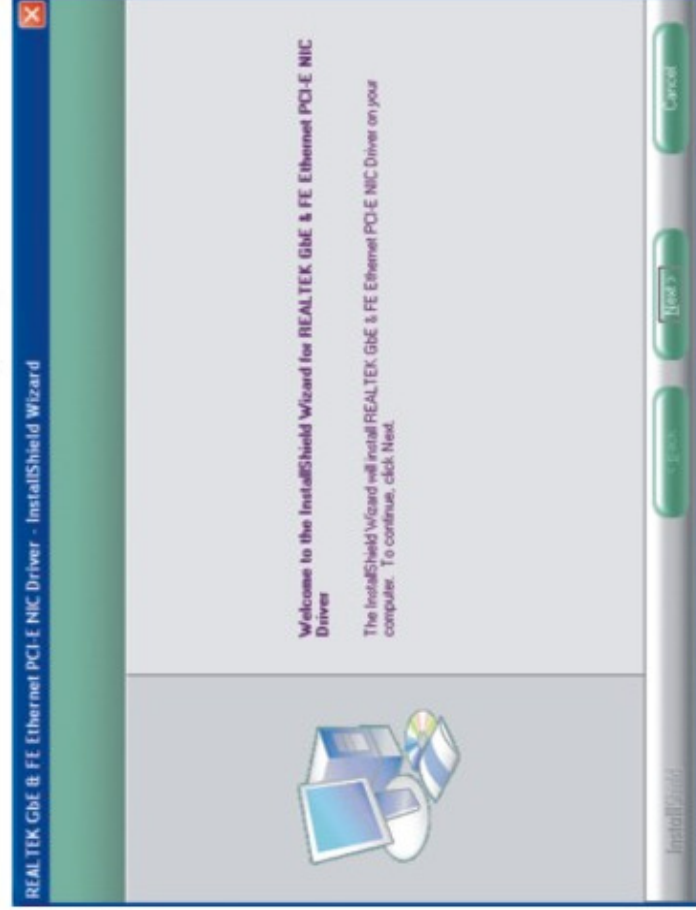


Fig. 4.5

#### 4.4 Installing driver for graphic card

To install the driver for graphic card, you can click “Install” behind “XXX VGA Driver” in the interface of Fig. 4.2, complete the installation by following the indications in the popped-up dialog boxes, and then restart the computer.



Fig. 4.6

#### 2. HD-AUDIO sound card setup

##### For Windows XP SP2:

1. The control panel of the audio adapter will appear after the driver is installed, as shown in Fig. 4.7.



Fig. 4.7

2. After the initial installation of the driver, the default state of microphone is mute. You need to turn it on manually, as shown in Fig. 4.8 and 4.9.

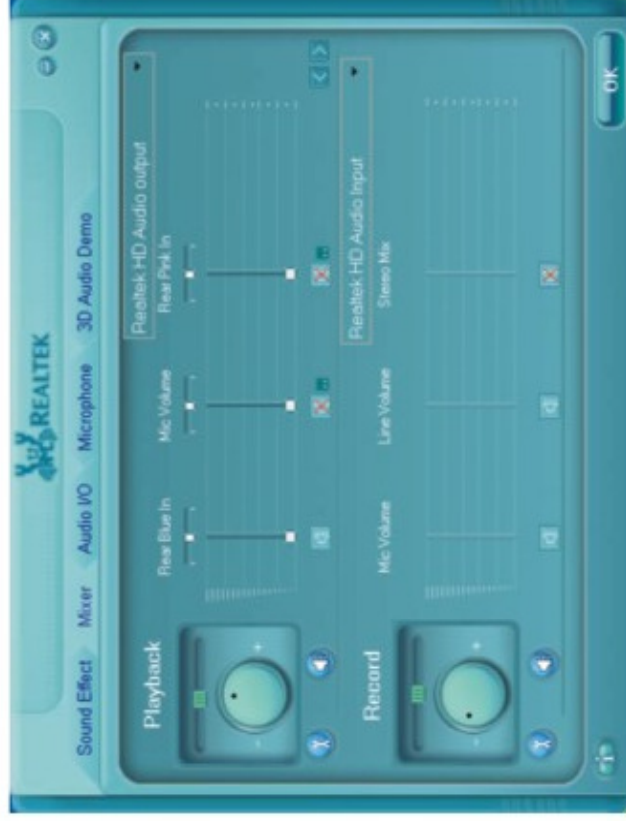


Fig. 4.8

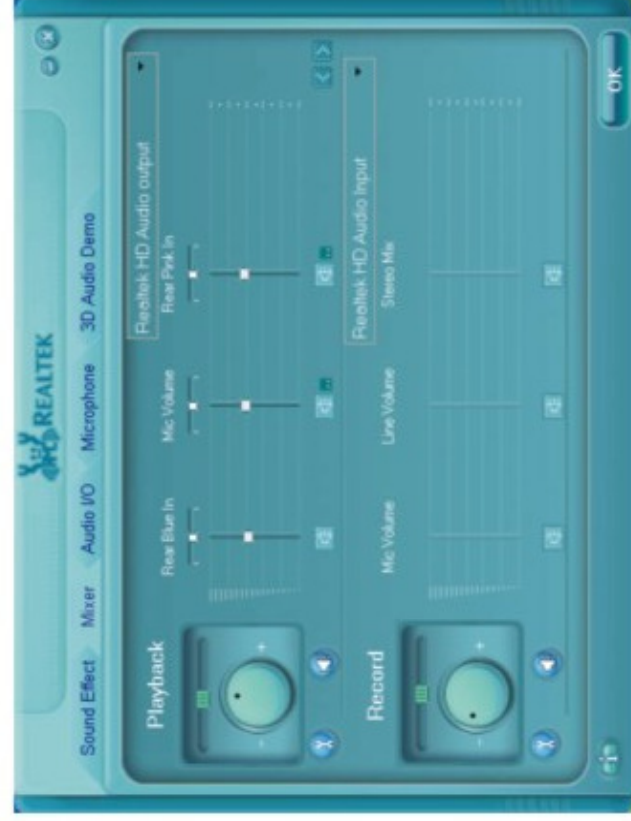


Fig. 4.9

**For Windows Vista:**

1. After the driver for the audio adapter is stalled, you can click the Audio Manager at the lower right corner. The initial interface will pop up, as shown in Fig. 4.10 and 4.11.



Fig. 4.10



Fig. 4.11

2. Click the right upper part of the control interface Advanced Setup for Device, the interface shown in Fig. 4.12 will pop up. Then select “separate all input jacks as independent input devices”.

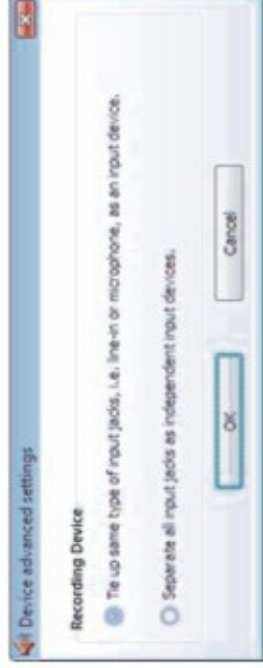


Fig. 4.12

3. Click OK, and the controlling interface will turn to one shown in Fig. 4.13.



Fig. 4.13

4. If a MIC is used, please select the corresponding front or rear mode and set the device as default. In the above interface, you can adjust the volume for recording and the playing volume for the MIC.
5. If you need to set the output of multi-channel, you should right click the mouse at the corresponding output interface. A dialog box will pop up, as shown in Fig. 4.14.



Fig. 4.14

6. Select Redistribution of Connectors. Then an interface will pop up, as shown in Fig. 4.15. After that, set the corresponding output.

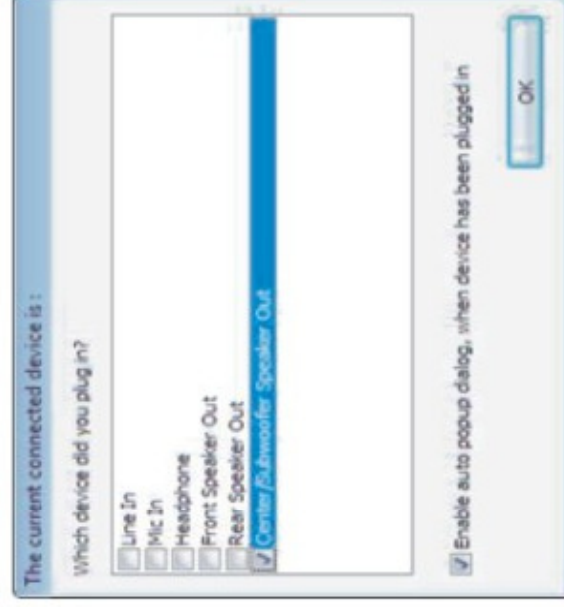


Fig. 4.15

## Maintenance of the Filter

There is a filter material located in a sealed compartment on the underside of the screen. This filter will help prevent dust and moisture ingress to the screen's mechanical parts, so it is important the filter is kept in good condition.

We therefore recommend that you should inspect the filter every three to four months to ensure the filter can work effectively. Should the screen be kept in a particularly dusty environment, filter inspection may need to be carried out more often.

To clean the filter, place a vacuum cleaner nozzle on top of the filter and turn the vacuum cleaner on to remove unwanted dust particles.

## DTV-T Notice

1. Functionalities regulated to digital TV(DVB-T) are only available in countries or areas where DVB-T (MPEG2 AND MPEG4 AVC) digital terrestrial signals are broadcast. DVB-T is the European consortium standard for the broadcast of digital terrestrial television. Please check with your local dealer about the availability of DVB-T service in your area.
2. Although this TV set meets the current DVB-T standards as of August 2008, the compatibility with future DVB-T broadcast cannot be guaranteed.
3. Some DTV functions may not be available or operate correctly in some countries or regions.
4. For more information, please contact your local dealer.



## CONTENTS OF PACKAGE

Please make sure the following items are included with your LCD TV. Contact your supplier if any of the items are missing.

1. LCD TV
2. Remote Control
3. 2 x AAA Batteries
4. Instruction Manual
5. Wall bracket
6. 1 Pair waterproof speakers

## CONNECTION CABLES

### Inputs

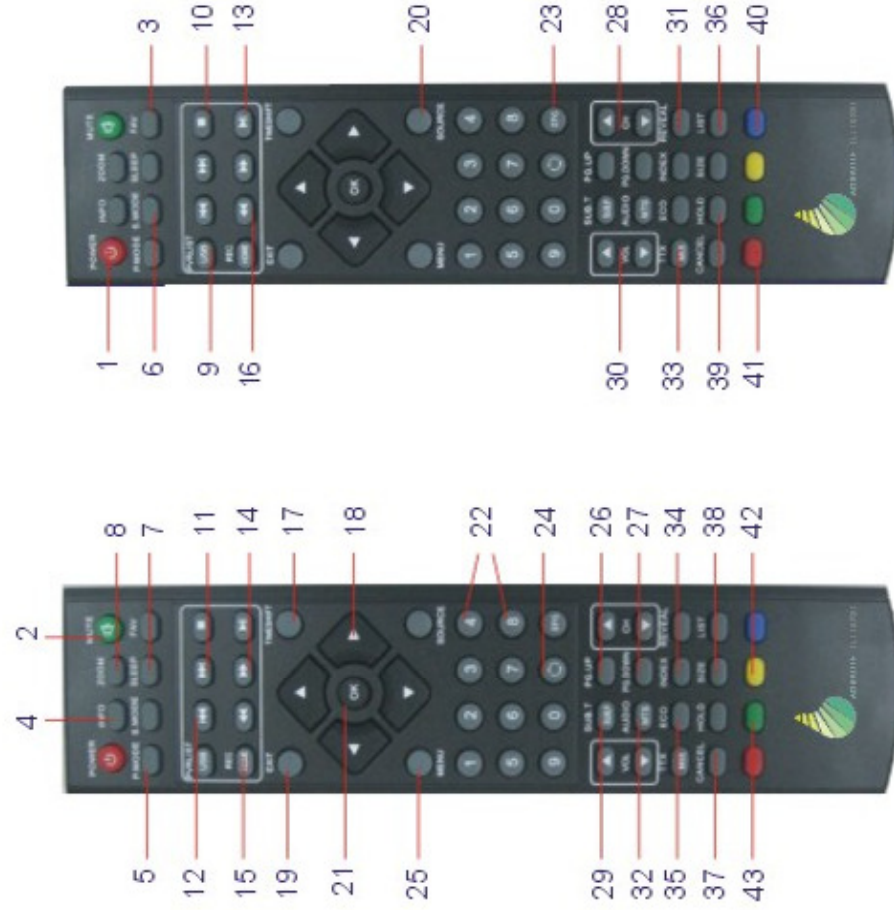
1. HDMI
2. Component
3. RF Antenna In
4. VGA
5. Composite
6. Audio L/R
7. USB And SD Card reader
8. RS232

### Outputs

1. Audio L/R
2. Speaker Cables (pair) from internal amplifier

**Note:** Please turn the TV off before connecting cables to any device.

## REMOTE CONTROL

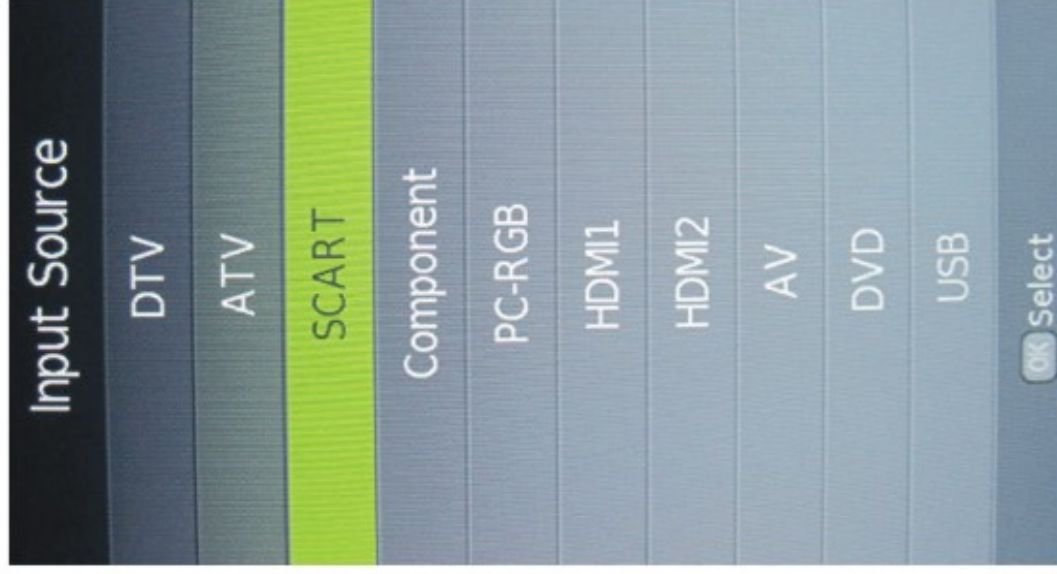


- (1) Power button  
Press this button to switch on the TV.
- (2) MUTE button  
Press this button to mute volume or recover.
- (3) FAV button  
Press this button to switch in favourite list, valid in digital TV mode.
- (4) INFO button  
Press this button to show the information (eg: channel NO, TV system) on the top right corner of screen
- (5) P. MODE button  
Press this button to switch on picture mode.
- (6) S.MODE button  
Press this button to switch on sound mode.
- (7) SLEEP button  
Press this button to set sleep time.
- (8) ZOOM button  
Press this button to zoom in to the picture valid in DVD mode

- (9) PVR LIST/USB button  
Press this button to record the document selected or enter USB mode.
- (10) ■ button  
Press this button to stop playing valid in DVD mode.
- (11) ►► button  
Press this button to select the next chapter or track in DVD mode.
- (12) ◀◀ button  
Press this button to select the previous chapter or track, valid in DVD mode
- (13) ►| button  
Press this button to pause playing/steps play in pause mode, valid in DVD mode.
- (14) ►►► button  
Press this button to fast-forwards DVD play, valid in DVD mode.
- (15) REC/HOME button  
Press this button to enter Record mode or return USB first page in USB mode.

- (16) ◀◀ button  
Press this button to fast backward play, valid in DVD mode in DVD mode.
- (17) TIMESHIFT button  
Press this button to enter timeshift mode in DTV Source menu.
- (18) ◀▶ ▲▼ button  
Menu button for left, right, up and down
- (19) EXIT button  
Press this button to exit or back previous menu.
- (20) SOURCE button  
Press this button to enter to source menu.
- (21) OK button  
Press this button to confirm.
- (22) 0-9 button  
Press digital button to select channel.
- (23) EPG button  
Press this button to display the program guide valid in digital TV mode
- (24) ● button  
Press this button to return to previous TV channel.
- (25) MENU button  
Press this button to switch on OSD menu or return to previous menu.
- (26) PG.UP button  
Press this button for last page in USB mode.
- (27) PG.DOWN button  
Press this button for next page in USB mode.
- (28) CH+/CH- button  
Press CH+/CH- to select next/last channel.
- (29) SUB.T/SUB.P button  
Press this button to select Subtitle and Sub page function.
- (30) VOL button  
Press vol+ / vol- to increase/decrease volume
- (31) REVEAL button  
Press this button to display the hidden teletext information in analog TV.
- (32) AUDIO/MTS button  
Press this button to change camera angle in DVD mode when playing DVD disc or enter Nicam mode
- (33) TTX/MIX button  
Press this button to display analog TV and teletext in the same time
- (34) INDEX button  
Press this button to display main content page when playing the teletext in analog TV
- (35) ECO button  
Press this button to enter power saving mode, when both hardware and software support.
- (36) LIST button  
Press this button to enter channel list in ATV and DTV model.
- (37) CANCEAL button  
Press this button to cancel teletext in analog TV.
- (38) SIZE button  
Press this button to magnify teletext page in analog TV.
- (39) HOLD button  
Press this button to stop teletext on current page in analog TV.
- (40) BLUE button  
The leading function in USB and DTV mode
- (41) RED button  
The leading function in USB and DTV mode
- (42) YELLOW button  
The leading function in USB and DTV mode
- (43) GREEN button  
The leading function in USB and DTV mode

## SOURCE LIST



Press Source button to show source list

Press ▲▼ button to choose the mode

Press OK button to enter the mode

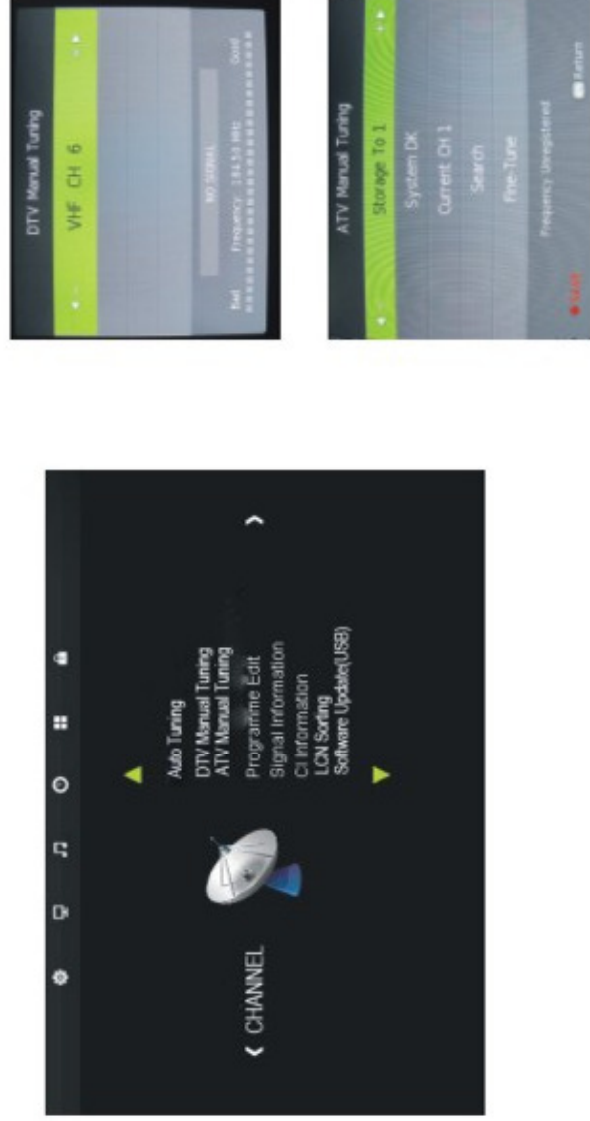
## SCREEN MENU

### TV MODE



Press **SETUP** button to show Channel, Picture, Sound, Time, Option, Lock menu.  
Press **OK** button to select specific submenu and the adjustable value. In the submenu, press **▲▼** or **◀▶** button to select menuitem.

### Channel Menu



### Auto Tuning

Press **▲▼** button to select Auto Tuning, and then press **OK** button to choose ATV/DTV/ATV +DTV with **◀▶** button and press **▲▼** or **◀▶** button to select country channel like German , Italy.

### **DTV Manual Tuning**

Press ▲▼ button to select DTV Manual Tuning, and then press OK button then press ◀▶ button to select channel number, or directly press number keys to select channel number, and then press OK to begin to search channel.

### **ATV Manual Tuning**

Press ▲▼ button to select ATV Manual Tuning, and then press OK button then press ◀▶ button to select. Press ▲▼ or ◀▶ button to select specific submenu and the adjustable value.

### **Program Edit**

Press ▲▼ button to select program edit, and then press OK button to enter menu.

### **Signal Information**

Press ▲▼ button to select Signal Information, and then press OK button to see Signal Information

### **CI Information**

Press ▲▼ button to select CI Information, and then press OK button to see CI Information

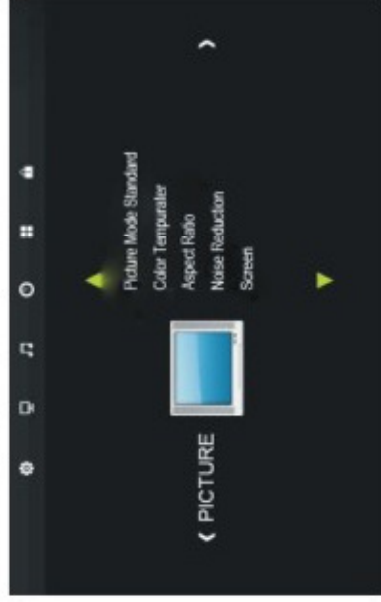
### **LCN Sorting**

Press ▲▼ button to select LCN Sorting, and then press OK button to set sort on/off

### **Software Update (USB)**

Press ▲▼ button to select Software Update, connect USB Port to operate.

### **Picture Menu**



### **Picture Mode**

Press ▲▼ to select Picture mode, and then OK button to enter. Press ◀▶ button to select standard/mild/dynamic mode and press ▲▼ or ◀▶ to adjust value.

### **Color Temperature**

Press ▲▼ to select Color Temperature, and then OK button to enter and press ◀▶ button to select cool/ warm/ user mode.

### **Aspect Ratio**

Press ▲▼ to select Aspect Ratio, and then OK button to enter

### **Noise Reduction**

Press ▲▼ to select Noise Reduction mode, and then OK to enter submenu. You can select off/low/middle/high/default by pressing ▲▼ button.

### **Screen**

Press ▲▼ to select Screen mode, and then press OK to enter submenu in pc mode.

### **Sound Menu**



### **Sound Mode Sound Bar**

Press ▲▼ to select Sound Mode, and then OK button, press ◀▶ button to select standard/music/movie/sports/user/int spk/sound bar mode.

### **Balance**

Press ▲▼ to select Balance, and OK button to enter submenu, press ◀▶ button to adjust balance value.

### **Surround Sound**

Press ▲▼ to select Surround Sound, and then OK button to enter submenu, then press ▲▼ button to select off/surround/SRS trusurround XT mode.

### **AD Switch**

Press ▲▼ to select AD Switch, and then OK button to select on/ off, and you can adjust AD volume value by pressing ◀▶ button when AD switch is set to on.

### **SPDIF MODE**

Press ▲▼ to select SPDIF mode, and then OK button to select PCM/AUTO mode

## Time Menu

### Clock

Press **▲▼** to select Clock, and then OK button to enter submenu, and press button to set.

### Off Time

Press **▲▼** to select Off Time, and then OK button to enter the submenu, press **◀▶** to select off/once/everyday/Mon-Sat etc. etc.

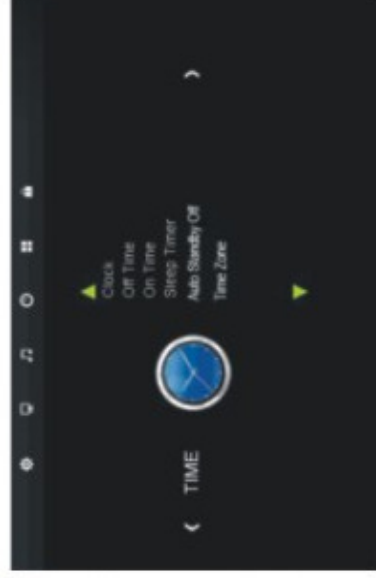
And you can adjust hour or minute by pressing **◀▶** button.

### On Time

Press **▲▼** to select On Time, and then OK button to enter the submenu, press **◀▶** to select off/once/everyday/Mon-Sat etc. And you can adjust hour / minute / source /channel / volume by pressing **◀▶** button.

### Sleep Timer

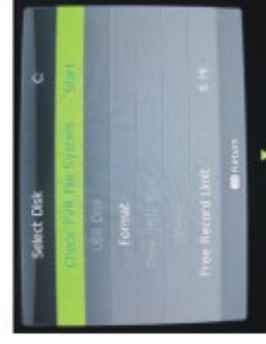
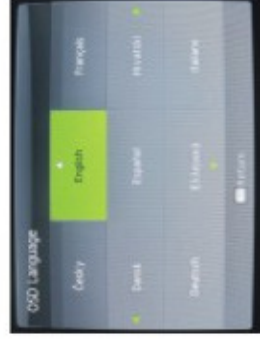
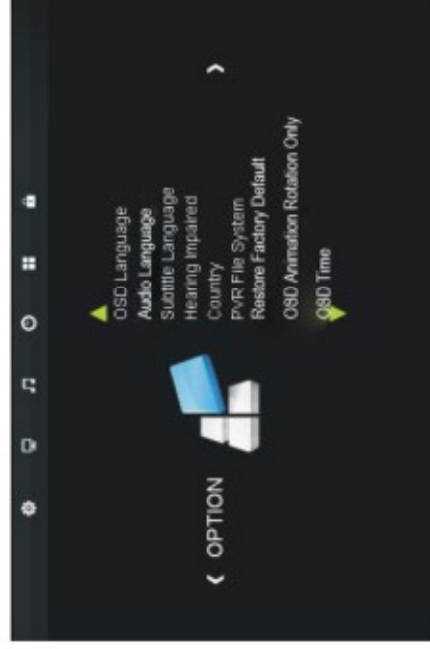
Press **▲▼** to select Sleep Timer, and then



## Time Zone

Press **▲▼** to select Time Zone, and then OK button to enter submenu, and press **▲▼** or **◀▶** to adjust the time zone.

## Option Menu



## OSD Language

Press **▲▼** to select OSD Language, and then OK button. Press **▲▼** or **◀▶** button to choose language choices.

## Audio Language

Press **▲▼** to select Audio Language, and then OK button to enter submenu, and then press **◀▶** to select primary or secondary type.

### **Subtitle Language**

Press **▲** to select Subtitle Language, and then OK button to select prime or second.

### **Hearing impaired**

Press **▲** to select Hearing impaired, and then OK button to select on/off

### **Country**

Press **▲** to select Country, and then OK button to select country

### **PVR File system**

Press **▲** to select PVR File system, and then OK button to select Disk C and press **▲** to adjust.

### **Restore Factory Default**

Press **▲** to select Restore Factory Default, and then OK button to select sure or not.

### **OSD Animation Rotation Only**

Press **▲** to select OSD Animation Rotation, and then OK button to select on or only.

### **OSD Time**

Press **▲** to select OSD Time, and then OK button to select 30s/60s etc.

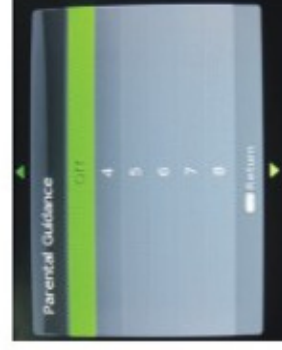
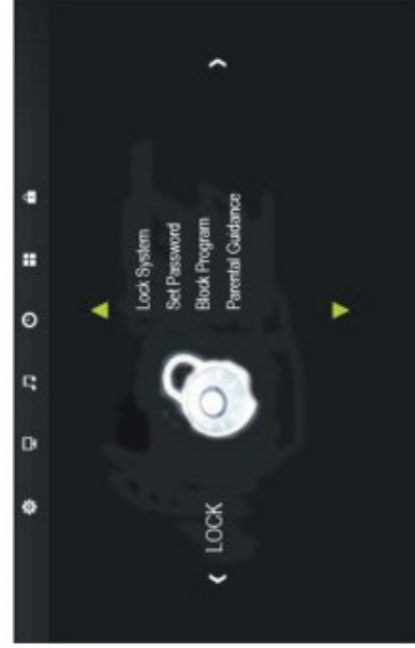
### **ECO Mode**

Press **▲** to select ECO Mode and press **▲** button to select high/middle/low mode

### **Blue Screen**

Press **▲** to select Blue screen and OK button to select on/off.

### **Option Menu**



### **Lock System**

Press **▲** to select Lock System, and then OK button to select on/off to open and close the lock function.

### **Set Password**

Press **▲** to select Set Password, and then OK button to input old password “0000” and set new password

### **Block Program**

Press ▲ ▼ to select Block Program, and then OK button to enter the submenu and then green button to choose lock/ unlock mode.

### **Parental Guidance**

Press ▲ ▼ to select Parental Guidance, and then OK button to select off/4/5 etc.

### **USB Mode**



Press setup button to show Photo, Music, Film, Text. Press ◀▶ button to choose specific menu and the adjustable value. In the submenu, press ▲▼ or ◀▶ button to choose menuitem.

### **Photo Show**



Select C:\A, press OK button to enter submenu

1. Insert USB Port to USB entry.
2. Press ◀▶ to select photo, and then OK button to enter submenu.
3. Select C:\A, press OK button to enter submenu
4. Select the specific photo, and press ▶▶ button to play, press ◀◀ button to play previous one, press ▶▶▶▶ to play next one.
5. Press Exit button to exit.

### **Music Play**



Select C:\, press OK button to enter submenu

1. Insert USB Port to USB entry.
2. Press ◀▶ to select music, and then OK button to enter submenu.
3. Select C:\, press OK button to enter submenu
4. Select the specific music, and press ▶⏪ button to play, press ◀▶ button to play previous one, press ▶▶ to play next one.
5. Press Exit button to exit.

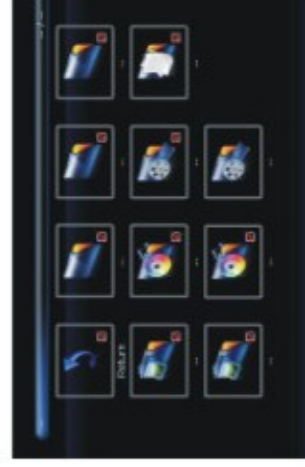


### Film Play



Select C:\, press OK button to enter submenu

1. Insert USB Port to USB entry.
2. Press ◀▶ to select film, and then OK button to enter submenu.
3. Select C:\, press OK button to enter submenu
4. Select the specific film, and press ▶⏪ button to play, press ◀▶ button to play previous one, press ▶▶ to play next one.
5. Press Exit button to exit.



### Text Show



Select C:\, press OK button to enter submenu

1. Insert USB Port to USB entry.
2. Press ◀▶ to select text, and then OK button to enter submenu.
3. Select C:\, press OK button to enter submenu
4. Select the specific text, and press ▶⏪ button to play, press ◀▶ button to play previous one, press ▶▶ to play next one.
5. Press Exit button to exit.

## **PLAYING MEDIA FROM STORAGE (USB and SD Card Reader)**

1. Plug a USB device or SD Card into the storage slot on the TV.
2. Press input button on remote and select STORAGE.

### **Viewing Photos**

#### **Once in the STORAGE mode:**

- Use navigation keys left or right to scroll to photo and press OK
- A list of photos available on the storage device will be displayed on the screen
- Use navigation keys up or down to highlight the photo you want to view and use OK to select it
- Multiple photos can be selected in this option
- Once images have been selected, press play on remote to start showing images
- You can use next or previous keys to jump to the next or previous image
- Pressing pause will freeze the image. To resume, press play or pause
- You can rotate the image by 90, 180 or 270 degrees by pressing the rotate button

### **Playing Music**

#### **Once in the STORAGE mode:**

- Use navigation keys left or right to scroll to music and press OK
- A list of music available on the storage device will be displayed on the screen
- Use navigation keys up or down to highlight the music you want to play and use OK to select it
- More than one music file can be selected in this option and once selection has been done, press play to start playing it
- You can use next or previous keys to select the next or previous music track
- You can press pause to pause the music playback, to resume press pause again
- You can repeat a single track or the whole list by pressing the repeat button

## Playing Movies

### Once in STORAGE mode:

- Use navigation keys to scroll left or right to movie and press OK
- A list of movies available on the storage device will be displayed on the screen
- Use navigation keys up or down to highlight the movie you want to play and use OK to select it
- More than one movie file can be selected in this menu and once selection has been done, press play to start playing the movie
- You can forward and rewind a movie by using the forward or rewind buttons
- You can skip to the next or previous chapter by using the next or previous buttons
- You can pause a movie by pressing the pause button and to resume playback, press pause again.

## TECHNICAL SPECIFICATIONS

Model	AQLS-32	AQLS-42	AQLS-55	AQLS-65
LCD panel	3.5inch	4.3inch	5.5inch	6.5inch
Resolution	1920x1080p	1920x1080p	1920x1080p	1920x1080p
Brightness	500cd/m <sup>2</sup>	500cd/m <sup>2</sup>	500cd/m <sup>2</sup>	500cd/m <sup>2</sup>
Contrast	10,000:1	10,000:1	10,000:1	10,000:1
Response time	6ms	6ms	6ms	6ms
Viewing angle	170°	170°	170°	170°
Glass	Tempered anti-reflective glass	Tempered anti-reflective glass	Tempered anti-reflective glass	Tempered anti-reflective glass
IP certificate	IP66	IP66	IP66	IP66
Power supply	100-240V 50-60Hz, UK 3-pin plug	100-240V 50-60Hz, UK 3-pin plug	100-240V 50-60Hz, UK 3-pin plug	100-240V 50-60Hz, UK 3-pin plug
Working temp	-20 °C to +46 °C	-20 °C to +46 °C	-20 °C to +46 °C	-20 °C to +46 °C
Working humidity	10% - 90%	10% - 90%	10% - 90%	10% - 90%
Speaker	No	No	No	No
Media support	SD and USB interface	SD and USB interface	SD and USB interface	SD and USB interface
Play format	MPEG 1 to 4 JPEG/MMA/AVI	MPEG 1 to 4 JPEG/MMA/AVI	MPEG 1 to 4 JPEG/MMA/AVI	MPEG 1 to 4 JPEG/MMA/AVI
Tuner format	ATV & DTV	ATV & DTV	ATV & DTV	ATV & DTV
Control	IR & RS232	IR & RS232	IR & RS232	IR & RS232
Dimensions (WxHxD)	858 x 553 x 120mm	1084 x 680 x 120mm	1419 x 844 x 137mm	1641 x 976 x 137mm
Inputs	HDMI, VGA, Component, RF (aerial), Composite (RCA), Audio left/right (RCA), SD Card, USB			
Outputs	Audio left/right (RCA), Speaker cables (pair from internal 12W per channel amp)			

Model	AQLH-32	AQLH-42	AQLH-55	AQLH-65
LCD panel	3.5inch	4.3inch	5.5inch	6.5inch
Resolution	1920x1080p	1920x1080p	1920x1080p	1920x1080p
Brightness	1500cd/m <sup>2</sup>	1500cd/m <sup>2</sup>	1500cd/m <sup>2</sup>	1500cd/m <sup>2</sup>
Contrast	10,000:1	10,000:1	10,000:1	10,000:1
Response time	6ms	6ms	6ms	6ms
Viewing angle	170°	170°	170°	170°
Glass	Tempered anti-reflective glass	Tempered anti-reflective glass	Tempered anti-reflective glass	Tempered anti-reflective glass
IP certificate	IP66	IP66	IP66	IP66
Power supply	100-240V 50-60Hz, UK 3-pin plug	100-240V 50-60Hz, UK 3-pin plug	100-240V 50-60Hz, UK 3-pin plug	100-240V 50-60Hz, UK 3-pin plug
Working temp	-20 °C to +46 °C	-20 °C to +46 °C	-20 °C to +46 °C	-20 °C to +46 °C
Working humidity	10% - 90%	10% - 90%	10% - 90%	10% - 90%
Speakers	No	No	No	No
Media support	SD and USB interface	SD and USB interface	SD and USB interface	SD and USB interface
Play format	MPEG 1 to 4/JPEG/MMA/AVI	MPEG 1 to 4/JPEG/MMA/AVI	MPEG 1 to 4/JPEG/MMA/AVI	MPEG 1 to 4/JPEG/MMA/AVI
Tuner format	ATV & DTV	ATV & DTV	ATV & DTV	ATV & DTV
Control	IR & RS232	IR & RS232	IR & RS232	IR & RS232
Dimensions (WxHxD)	858 x 553 x 120mm	1084 x 680 x 120mm	1419 x 844 x 137mm	1641 x 976 x 137mm
Inputs	HDMI, VGA, Component, RF (aerial), Composite (RCA), Audio left/right (RCA), SD Card, USB			
Outputs	Audio left/right (RCA), Speaker cables (pair from internal 12W per channel amp)			



## WARRANTY CARD

### IMPORTANT: ACTIVATE YOUR WARRANTY

Should you experience any problems with your Aqualite screen, please contact your supplier.

For your warranty to be **valid you must fill in the details below** and return to Aqualite Outdoor within one month of you purchasing the screen, with a **copy of your purchase invoice attached**. OR **register online at [www.aqualiteoutdoor.com](http://www.aqualiteoutdoor.com)**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Tel: \_\_\_\_\_

Email: \_\_\_\_\_

Product Model Number: \_\_\_\_\_

Serial Number: \_\_\_\_\_

Date of Purchase: \_\_\_\_\_

Supplier: \_\_\_\_\_

Invoice Number: \_\_\_\_\_

Type of environment screen will be used in:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_









**Aqualite Outdoor**  
**12 England's Lane**  
**Hampstead**  
**London, NW3 4TG**  
**Telephone: (+44) 0207 4491775**  
**Email: [Sales@aqualiteoutdoor.com](mailto:Sales@aqualiteoutdoor.com)**



AQUALITE OUTDOOR

# USER MANUAL FOR

**32" / 42" / 55" / 65"**

**AQLS-H & AQQC ranges**

## **IMPORTANT**

To validate warranty turn to last page

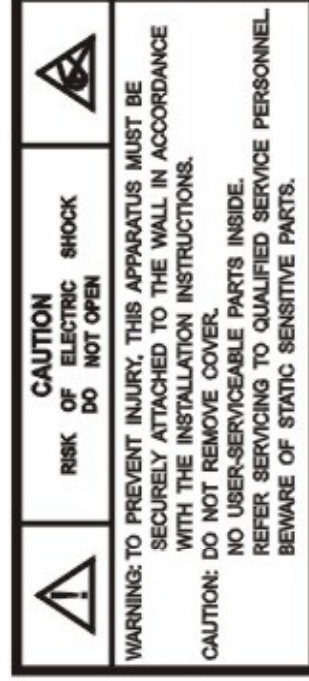


Thank you for purchasing your AquaLite Outdoor weatherproof LCD TV. Before using this product please read this instruction manual carefully, which ensures correct installation and ease of use.

Please keep this manual for future reference. The information in this manual is subject to change without notice.

## Important Safety Information

1. Do not remove the back of this TV as you will be exposed to high voltage and the risk of electric shock. **AND INVALIDATE YOUR WARRANTY**
2. Do not modify this product in anyway as this will invalidate your warranty.
3. Do not position the front of the TV in direct sunlight.
4. If there are any unusual smells or sound coming from the unit, disconnect the power immediately and contact an authorised dealer or repair centre.
5. The unit must be earthed to the main earth system of the electricity supply source and must conform to the latest electricity safety regulations.
6. Do not clean the TV with abrasive cleaners, wax, benzene, alcohol or cleaning detergents. We recommend a soft damp cloth and non abrasive cleaner.
7. Please note the installation of the TV should be carried out by a technically competent person and must conform to all the relevant regulations. If in doubt please contact your supplying dealer or a qualified electrician.



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# AQPC Instruction Manual for sizes 32” , 42” ,55” & 65”

Please note all TV functionality is as per the AQLS Manual

To enter into in-built **PC** mode **PRESS THE ON BUTTON** which is located inside the flap on the right hand underside of the AQPC & using the Aqualite remote switch the screen to **HDMI-PC** via the **INPUT** on the **Aqualite** remote control

**All drivers are found on (E:) partition**

## AQPC Instruction Manual

### Chapter 3 BIOS Setting(BIOS)

#### Note

The descriptions relating to BIOS in this Manual can only be used for reference as the BIOS version of the motherboard is upgraded continuously. Giada provides no guarantee that the contents in this Manual be consistent with the information you acquire .

BIOS is a basic I/O control program saved in the Flash Memory. Bridging the motherboard and the operating system, BIOS is used for managing the setup of the related parameters between them. When the computer is activated, the system is first controlled by the BIOS program. First, a self-detection called POST is performed to check all hard devices and confirm the parameters of the synchronous hardware. Once all detections are completed, BIOS will hand over the controlling to the operating system (OS). As BIOS serves as the only channel that connects the hardware and software, whether your computer can run stably and work in optimized state will hinge on how to properly set the parameters in BIOS. Therefore, the correct setup of BIOS plays a key role in stably running the system and optimizing its performance.

The CMOS Setup will save the set parameters in the built-in CMOS SRAM on the motherboard. When the power is shut off, the lithium battery on the motherboard will provide continuously power for CMOS SRAM. The BIOS setup program will allow you to configure the following items:

1. HD drive, floppy drive and peripheral devices;
2. Video display type and display items;
3. Password protection;
4. Power management characteristics.



#### A. State of BIOS Setup

When the computer is started up, BIOS will run the self-detection (Post) program. This program includes a series of diagnosis fixed in BIOS. When this program is executed, the following information will appear if any error is found:

- Press F1 to Run Setup
- Press F2 to Load default values and continue

To enter BIOS, you can press F1; to load the default values and enter the system, you can press F2. After the self-detection process is completed, you can press DEL to enter the BIOS interface if no error is found. If the indicative information disappears before you can act, you can shut off the computer and turn on it again, or you can press the key RESET on the machine case. To restart your computer, you can also simultaneously press <Ctrl>+<Alt>+<Delete>.

#### B. Function Keys definitions

Key	Function
↑ (Up key)	Move to the previous item
↓ (Down key)	Move to the next item
← (Left key)	Move to the left item
→ (Right key)	Move to the right item
ESC	Exit the current interface
Page Up	Change the setup state, or add the values
Page Down	Change the setup state, or deduct the values
F1	Display the information of the current setup
F7	Load the set values of previous time
F8	Load the safest values
F9	Load the optimized values
F10	Save the settings and exit the CMOS SETUP



## C. Auxiliary information

### Main interface

When the system enters the main interface of Setup, the major selected contents will be displayed at the lower part of the interface with the change of the options. Set interface

When you set the value for each column, you can view the preset value of the column and the values that can be set if you press F1, for example, the BIOS default values or CMOS Setup values. To exit the interface for auxiliary information, press [ESC].

### 1. Main menu

When the system enters the CMOS Setup menu, you can see the main menu on the upper part of the screen, as shown in Figure 3.1. In this main menu, you can use the left and right direction keys to select the setup items. Once the item is selected, the lower part of the computer screen will show the details of setting.

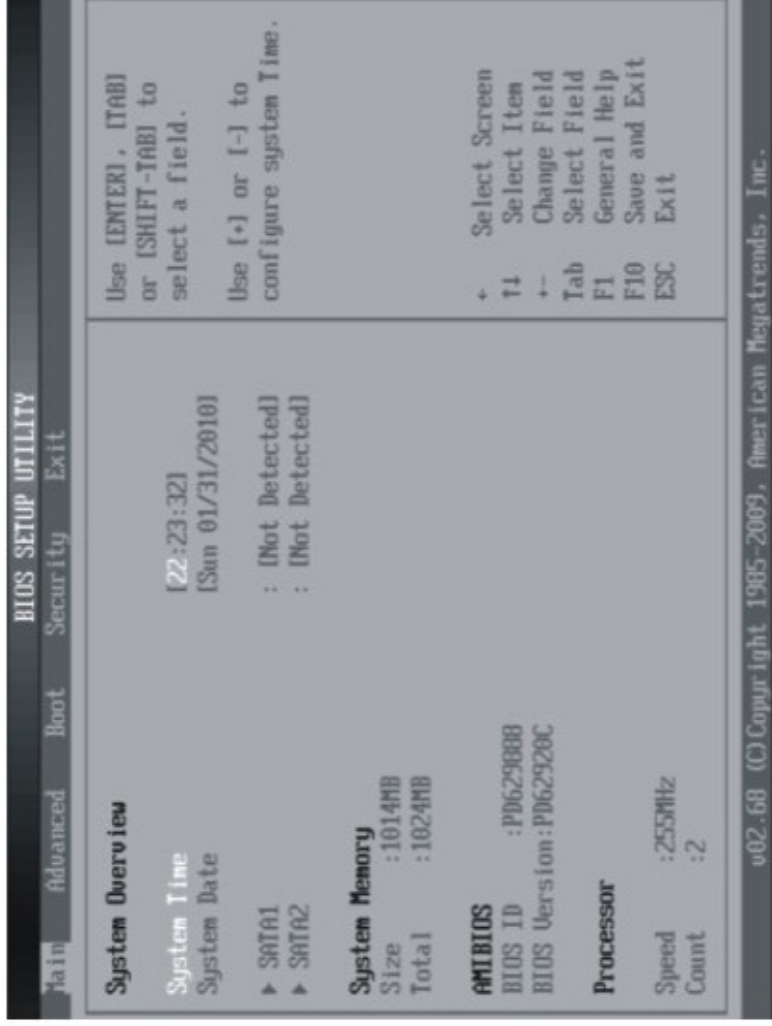


Fig 3.1

(The options above and their contents may be different from your actual options, so they are used for reference only).

1. Main (standard CMOS setup)  
This item is used for setting the date, time, specifications of hard disk and floppy disk and type of monitor.
2. Advanced (advanced BIOS setup)  
This item is used for setting the advanced functions provided by BIOS, such as the virus alarm and priority order of disks for startup process.
1. Boot (startup configuration characteristics)
2. Security (setting the administrator/user password)
5. Exit (option of exit)  
This item includes load optimal defaults/load failsafe defaults value/discard changes/ discard changes and exit.

## 2. Main (standard CMOS setup)

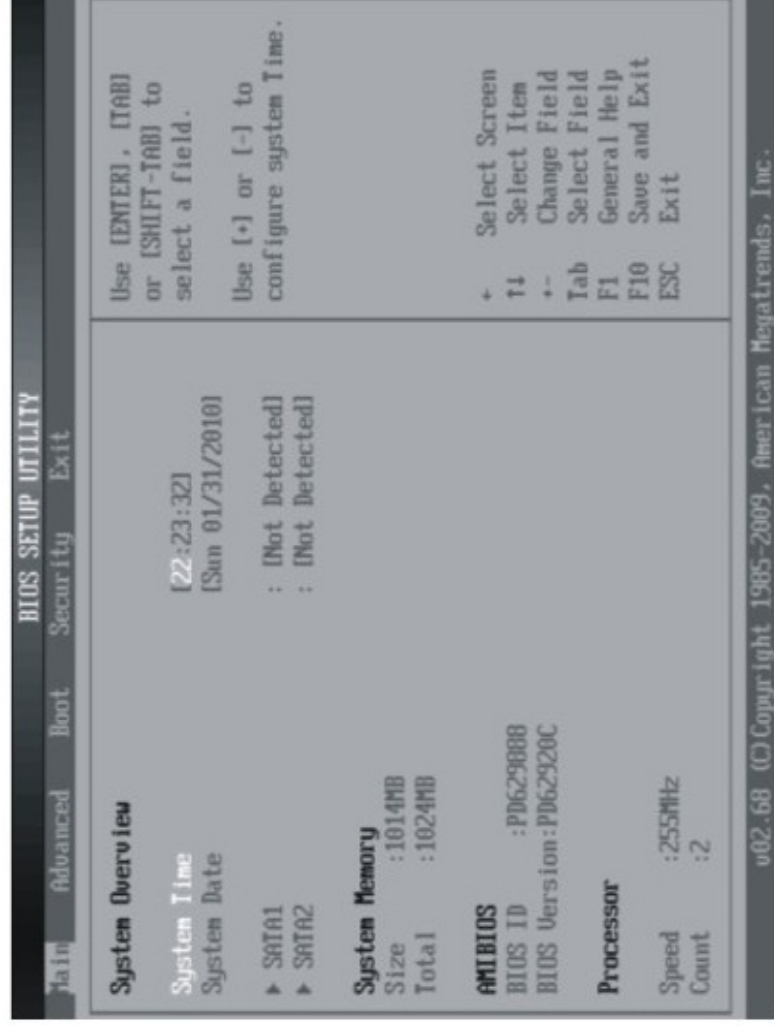


Fig 3.2

- 1) System time (hh:mm:ss)  
Use this item to set the time for the computer, with the format as “hour/minute/second”.
- 2) System date (mm:dd:yy)  
Use this item to set the date for the computer, with the format as “week, month/day/year”.

## 3. Advanced (Advanced BIOS setup)



Fig 3.3

#### 4. Boot Configuration



Fig 3.4

### **Quick Boot**

If this item is set as Enabled, the system can be started within five seconds and some detection items will be ignored. The options are [Disabled] and [Enabled].

### **Quiet Boot**

To start the system quietly.

### **Add On ROM Display Mode [Force BIOS]**

This item allows you to set the display mode of the device's firmware program. The options are [Force BIOS] and [Keep Current].

### **Bootup Num-Lock**

(To set the state of Num Lock after start-up). Options are OFF and ON. In other words, this item can be used for setting the state of Num Lock for the time the system has been started. It can be set on the basis of the needs of the user and doesn't affect the performance of the computer.

### **PS2 Mouse Support**

Set to support PS2 mouse. The available options are [Auto] and [Disable]. The default value is Auto.

### **Wait For "F1" if any Error**

(The system waits the user to press F1 if any error occurs from the computer). The options are Disable and Enable. Normally, it is set as Enable. Then if the computer has any error, a line of English words will appear on the screen, reminding the user of pressing F1 to enter CMOS for setup. If it is set as Disable, that line of English words won't appear. However, if the words "wait....." appear during the start up process and you press Del, the system can also enter CMOS for setup.

### **Hit "Del" Message Display**

(Information is displayed when the computer is started, suggesting the user can press "Del" to enter the state for CMOS setup). The options are [Disable] and [Enable]. Normally, [Enable] is selected. After [Enable] is selected, the information on how to enter the state for CMOS setup will be displayed at the time the computer is started. If [Disable] is selected, such information won't be displayed. However, if you press "Del" when the character "wait....." appears at the time the computer is started, the system can also enter the state for CMOS setup.

### **Interrupt 19 Capture [Disabled]**

If you use some PCI extension cards with built-in firmware program (like SCSI extension card) and you want to start the system through Interrupt 19, you can set this item as [Enabled]. The options are [Disabled] and [Enabled].

### **Boot Device Priority**

To set the booting priority.

### **Hard Disk Drives**

To set the booting priority of hard disk devices.

### **Removable Drives**

To set the booting priority of removable devices.

### **CD/DVD Drives**

To set the booting priority of CD/DVD-ROM devices.

## 5. Security Setup

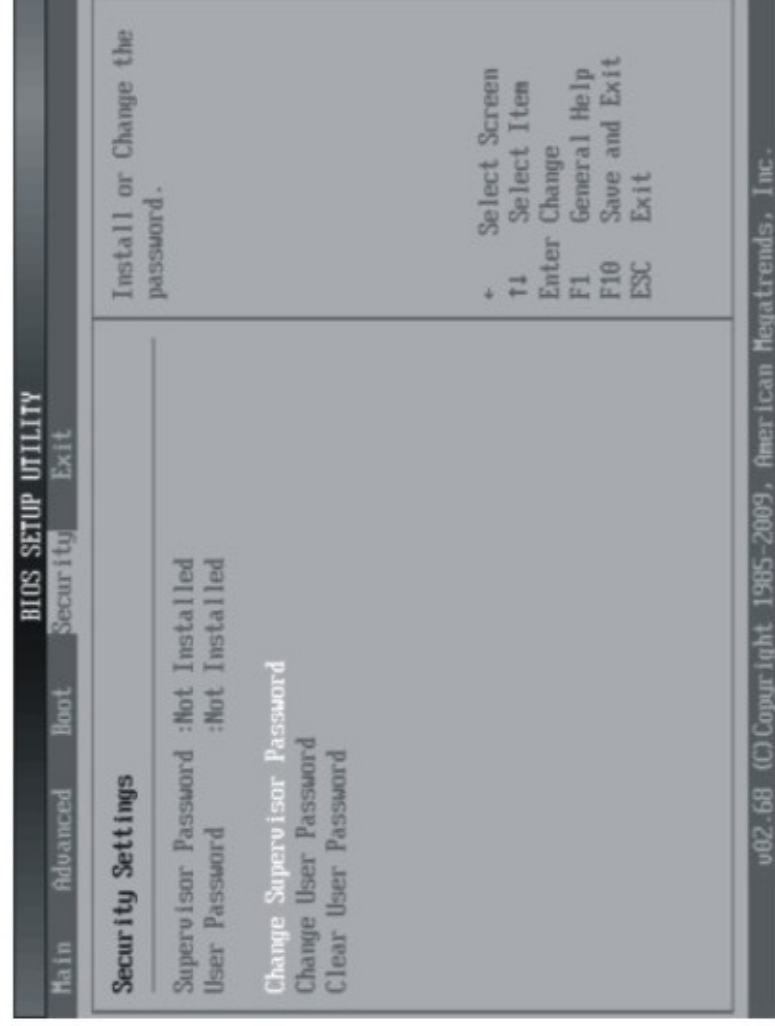


Fig 3.5

If this function is selected, the following information will appear:

Enter New Password hhhhhh  
Then, enter the password with not more than eight characters and press <Enter>.  
BIOS will require to enter the password again. Once you enter it again, BIOS will save the set password.

Once the password item is enabled, you will be required to enter the password each time before the system goes to the set program of BIOS. The user can set this item through the Security Option in advanced BIOS properties. If the item Security Option is set as System, the password will be required to be entered before the system guides and goes to the set program of BIOS. If set as Setup, the password will be required to be entered only before the system goes to the set program of BIOS.

To delete the password, press <Enter> in the popped-up window that requires to enter the password. Then, information for confirmation will appear on the screen to allow you decide whether the password is disabled. Once the password is disabled, you won't have to enter the password and can enter the setup program directly when the system is restarted.

### Boot Sector Virus Protection

This item is used for setting the alarm function in the case of virus attack in IDE disk sector. If this item is set as Enable and some program wants to write information in the sector, BIOS will display alarm information on the screen and buzz.

## 6. Exit

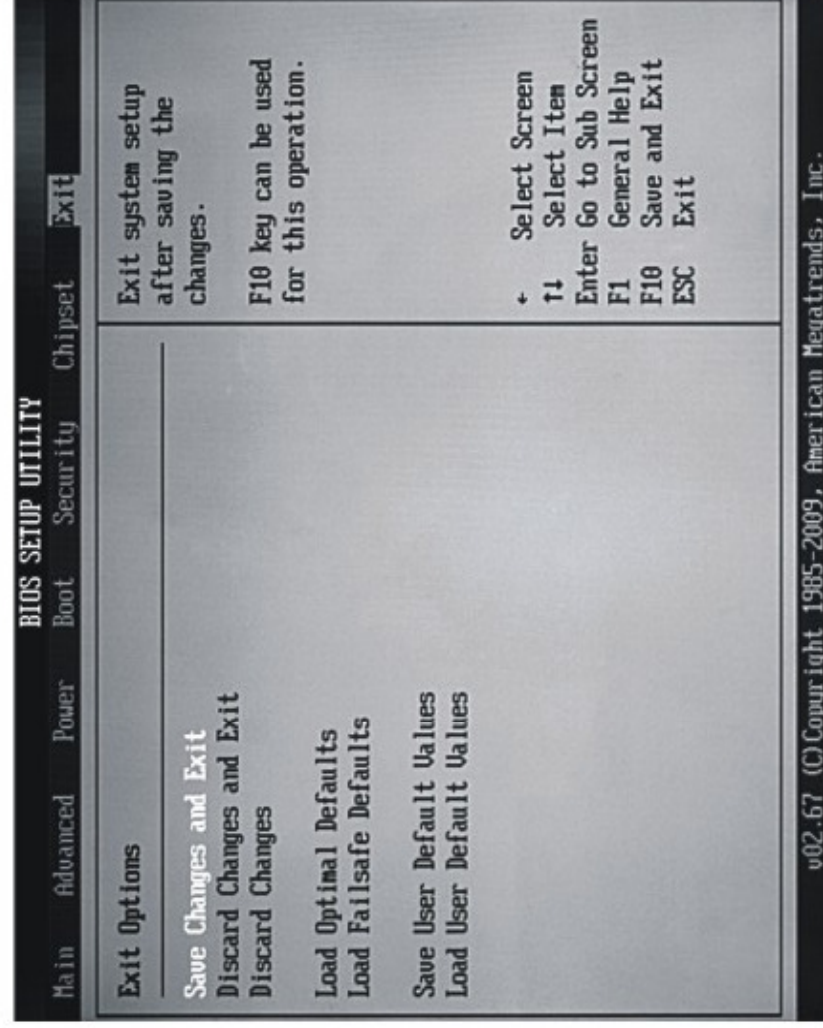


Fig 3.6

### Exit Options

The exit options include load optimal defaults/load failsafe defaults value/discard changes/discard changes and exit.

### Load failsafe defaults /optimal defaults

These two items can allow the user to restore all BIOS options to the failsafe defaults and optimal defaults. The optimal defaults are set to optimize the performance of the motherboard. The failsafe defaults are conservative values for the system.

If you enter OK and press Enter, all set values will be saved to CMOS SRAM and the system will exit from the BIOS setup program. If you don't want to save, you can press Cancel or Esc to return to the main menu.

### Discard Changes and Exit

If you enter OK and press Enter, the system will exit from the BIOS setup program. If you press Cancel or ESC, return to the main menu.

### Discard Changes

If you enter OK and press Enter, the system will discard the changes. If you press Cancel or Esc, return to the main menu.



# Chapter 4 Software installation

## 1. Install driver for motherboard

After you complete the installation of the operating system, you should then install the driver for the motherboard. To this end, put the disk into the CD-ROM. The interface as shown in Fig. 4.1 will appear.



Fig. 4.1

In Fig 4.1, click "Driver", another UI appears as shown in Fig 4.2.



Fig. 4.2

#### 4.1. Installing driver for Chipset

After you click “Install” behind the “Intel Chipset driver” in the interface of Fig. 4.2, a dialog box as shown in Fig. 4.3 will pop up. Then you can click Next and wait till the driver is installed completely.

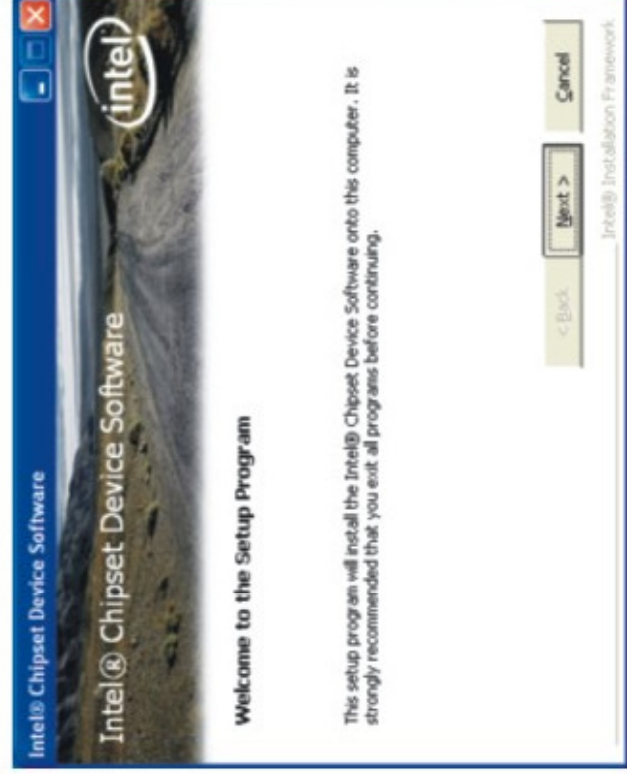


Fig. 4.3