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# Alpha300

## User Manual



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## IMPORTANT REGULATORY INFORMATION

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 that is received, including any interference that may cause undesired operation.

### WARNING:

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipments.

FCC ID: WMGALPHA300

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<u>Safety Instructions</u> .....	3
<u>1. Product Introduction</u> .....	3
<u>1.1 Overview &amp; Features</u> .....	3
<u>1.2 Package Contents</u> .....	4
<u>1.3 Appearance</u> .....	5
<u>2. Basic Operations</u> .....	5
<u>2.1 Turning on &amp; Shutting Down</u> .....	6
<u>2.1.1 Turning On</u> .....	6
<u>2.1.2 Shutting Down</u> .....	6
<u>2.2 Remote Control Functions</u> .....	6
<u>2.2.1 Proper Use of Remote Control</u> .....	6
<u>2.2.2 Keypad Layout</u> .....	7
<u>2.2.3 Number Pad Code Chart</u> .....	7
<u>2.3 Equipment Connections</u> .....	8
<u>2.3.1 Display Connection</u> .....	8
<u>2.3.2 Network Connection</u> .....	8
<u>2.3.3 Power Connection</u> .....	8
<u>2.3.4 USB Keyboard &amp; Mouse Connection (Optional)</u> .....	8
<u>2.4 Indicator Instructions</u> .....	8
<u>3. Functions Introduction</u> .....	9
<u>3.1 Internet</u> .....	9
<u>3.1.1 Browser</u> .....	9
<u>3.1.2 Pidgin</u> .....	9
<u>3.1.3 Email</u> .....	9
<u>3.2 Audio</u> .....	10
<u>3.2.1 Play Music</u> .....	10
<u>3.2.2 Play Internet Radio</u> .....	11
<u>3.3 Movie</u> .....	11
<u>3.3.1 Play Movie</u> .....	11
<u>3.3.2 OnLine Video</u> .....	12
<u>3.3.3 Internet TV</u> .....	12
<u>3.4 Games</u> .....	12
<u>3.5 Picture</u> .....	13
<u>3.5.1 View Picture</u> .....	13
<u>3.5.2. Web Album</u> .....	14
<u>3.6 News&amp;Lifestyles</u> .....	14
<u>3.6.1 Weather&amp;Stock&amp;News</u> .....	14
<u>3.6.2 Kids World</u> .....	15
<u>3.6.3 Women's World</u> .....	15
<u>3.7 Setup</u> .....	16
<u>3.7.1 Options</u> .....	16
<u>3.7.2 Search</u> .....	17
<u>3.7.3 Themes</u> .....	17
<u>4. System Update</u> .....	17
<u>FAQ</u> .....	18

# Safety Instructions

Please read these instructions carefully before using the unit for the first time. Also please observe the safety warnings to prevent damage to the unit.

1. Do not use the unit in polluted or messy environments.
2. Do not place the unit on unstable objects.
3. Never place any heavy objects or items containing liquid on the unit that may damage the unit.
4. Avoid exerting external shocks, handle the unit with care.
5. Do not place the unit in extreme cold(under 0 °C or 30 °C) or hot(over 50 °C or 122 °C) environments and protect the unit from humidity, water droplets and spraying.
6. Make sure AV cable, power cable have been connected before turning on ; Before pulling out power cable, please shut down the unit first.
7. If the unit is not going to be used for a long time, please unplug the power plug. If the remote control is not going to be used for a long time, please remove the battery.
8. Please use the original power and accessories, do not use other types of products or which you do not know whether it is compatible, otherwise it might damage the unit.
9. Do not open the casing or repair the unit under any circumstances, any repairs or adjustments may only be performed by qualified personnel.

## 1. Product Introduction

### 1.1 Overview & Features

Alpha300 is an interactive, comprehensive and personalized electronic product. This product will allow you to use an ordinary TV, surf the Internet, view pictures, instant messaging, Email, and play games, and so on. It allows you to connect to the Internet conveniently without computer.



**Product Illustration of Alpha300**

Model Name	Alpha 300
Operating System	Linux 2.6 Preloaded
Video Out	TV OUT & VGA
Audio Out	Jack 3.5mm
Camera	300K Pixels (Optional)
CPU	MIPS 500 MHz 32bit
LAN / Connection	10/100Mbps Ethernet ; RJ-45
Internet Connection(Optional)	ADSL, GPRS/CDMA/EDGE/WCDMA/3G ( Optional )
Memory	128MB DDR2 (up to 256MB Optional)
S.S.D. Storage (Solid-State Drive)	1 GB Nand Flash Memory (up to 4GB Optional)
Media	Support MPEG1/2/3/4, DIVX, H.263, H.264, WMV9, RMVB
USB Output	USB 2.0 x 2
Media Storage	SD/MMC card slot ( support SDHC)
Input Device	Remote Control(Optional keyboard mouse)

## 1.2 Package Contents

Congratulations on your choice of Alpha300. When you open the color package, Please check that your package contains the following contents. If purchased with a lack of products, please go to local dealers to acquire your missing product.

1、Alpha300	one
2、PowerAdapter	one
3、AV Cable	one
4、Remote Control	one
5、User Manual	one
6、WarrantyCard	one

## 1.3 Appearance

Top



A:300K Pixels Video Camera

**Bottom**



A:Reset

## 2. Basic Operations

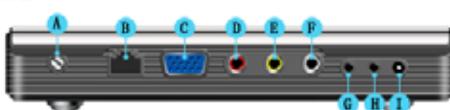
**Front**



A:300K Pixels Video Camera      B:IR      C:Power-LED  
D:Sleep-LED      E:Harddisk-LED      F:Ethernet -LED  
G: Power Switch

2.1

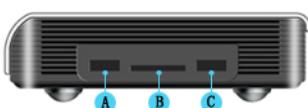
**Back**



A:WIFI antenna      B:Ethernet port      C:VGA  
D:Audio OUT-L      E:TV OUT      F:Audio OUT-R  
G:Microphone Jack      H:Stereo Output      I:DC-IN

2.2

**Right**



A:USB Port1      B:SD-Card Reader      C:USB Port 2

2.3

## 2.1 Turning on & Shutting Down

### 2.1.1 Turning On

Press on the power button.

Warning: Please make sure AV cable/VGA cable and power cable is connected before switching on.

### 2.1.2 Shutting Down

Press on the  button on the remote control, when the output screen show hint pictures, choose “Quit” and press the [OK] button on the remote control.

## 2.2 Remote Control Functions

### 2.2.1 Proper Use of Remote Control

Remote control requires two AAA batteries to work, during installation, make sure the batteries are installed correctly.

If the remote control is not going to be used for a long time, please remove the batteries.

When using it, Please aim the remote control towards Alpha 300's IR.

## 2.2.2 Keypad Layout



## 2.2.3 Number Pad Code Chart

Pad	Character
1	.;,:?;!';"1;-(;)@;/;;_-
2	A;b;c;2;A;B;C
3	D;e;f;3;D;E;F
4	G;h;i;4;G;H;I
5	j;k;l;5;J;K;L
6	M;n;o;6;M;N;O
7	P;q;r;s;7;P;Q;R;S
8	t;u;v;8;T;U;V
9	W;x;y;z;9;W;X;Y;Z
0	0

For example : Follow the number pad code chart, enter “Boy” .  
 Press “2” six times, “6” three times, “9” three times on the number pad.

## 2.3 Equipment Connections

### 2.3.1 Display Connection

Alpha300 can support two kinds of output mode: TV-OUT(AV interface) and VGA-OUT(VGA interface).Devices supporting external output are: CRT TV (support TV-OUT), LCD TV (support TV-OUT & VGA-OUT ), computer display (support VGA-OUT).

After unpacking AV cable , one end connects to device's AV interface, the other end connects to Alpha300. When doing it, you should pay attention to connecting the three interfaces of AV cable with the corresponding color on the device.

Warning:Alpha300 does not support two display at one time!

### 2.3.2 Network Connection

Alpha300 supports wireless(802.11b/g)、wired(10/100Mbps) network connection, and dial-up mode such as ADSL , GPRS/CDMA/EDGA/WCDMA/3G etc.

- A. Alpha300 has a built-in wireless adapter, you can set up network by following correct setup procedures.
- B. Plug in your Ethernet Cable into the Ethernet Port of Alpha300(as 2.2) and after Ethernet-LED light is on, then you can set up network by following correct setup procedures.
- C. Plug in USB Modem into the USB Port, then you can connect to network by following correct setup procedures.

### 2.3.3 Power Connection

After unpacking the power adapter, connect one end to DC-in Port of Alpha300 and the other end to power socket.

Warning: Operate the unit only using a power source of 5V/3A.

### 2.3.4 USB Keyboard & Mouse Connection (Optional)

Alpha300 supports USB Keyboard and USB Mouse, you can plug them into any USB port to use them.

## 2.4 Indicator Instructions

Alpha300 LED indicator from left followed by Power-LED, Sleep-LED , Harddisk-LED, Ethernet-LED(as 2.2) .

Power-LED: shows that the unit is on

Sleep-LED: shows that the unit is in sleep mode

Harddisk-LED: shows that the unit is reading and writing disk

Ethernet-LED: shows that Ethernet Cable has been plugged into unit correctly

## 3. Functions Introduction



3.1

### 3.1 Internet

#### 3.1.1 Browser

A concise interface and a convenient personal folder, allowing you to enjoy internet surfing with ease and enjoyment.

#### 3.1.2 Pidgin

Pidgin is a web messaging tool which supports MSN, AIM, GoogleTalk, ICQ, IRC etc.

#### 3.1.3 Email

Used for sending and receiving emails.

## 3.2 Audio

### 3.2.1 Play Music

Play Music is a music player with lyrics function which supports music files like MP3, ogg, wav, flac etc, also can play external music files from USB and SD card. Set the option under “**Show Lyrics**” from “**Audio Setup**” page to “**YES**” to display lyrics in Karaoke style.

Use the remote control to navigate and go to the “**Audio**”, choose  and press [OK] to enter. Choose your favorite music file and press [OK] to play the file.



### 3.2.2 Play Internet Radio

Listen to internet radios.

Under “**Audio**”, choose  and press [OK] icon to enter.



3.3.2.1

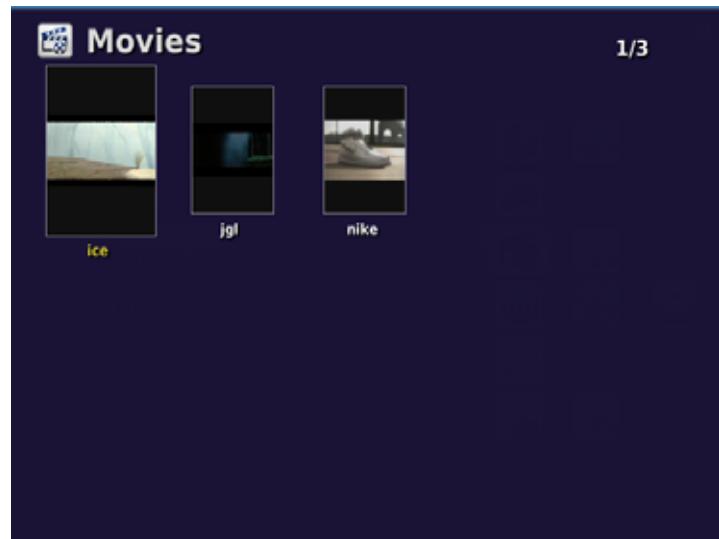
### 3.3 Movie

#### 3.3.1 Play Movie

PlayMovie is a movie player which supports video files formats like avi, mpg, mp4, asf, wmv, mpeg, flv etc, also can play external video files from USB and SD card.

Use remote control to navigate and go to the “**Movie**” centre, choose  and press [OK] to enter the Page in the figure below.

Choose your favorite video file and press [OK] button to play the video in full screen.



3.3.1.1

### 3.3.2 OnLine Video

OnLine Video is used to watch exciting videos from video websites like Youku, Youtube etc.

### 3.3.3 Internet TV

Internet TV is used to watch TV on the network.

## 3.4 Games.

Games assemble many different games to enrich your entertainment lifestyle.

Use the remote control to navigate and choose the “**Games**”.

After picking your favorite game, press [OK] button to enter the game in full screen

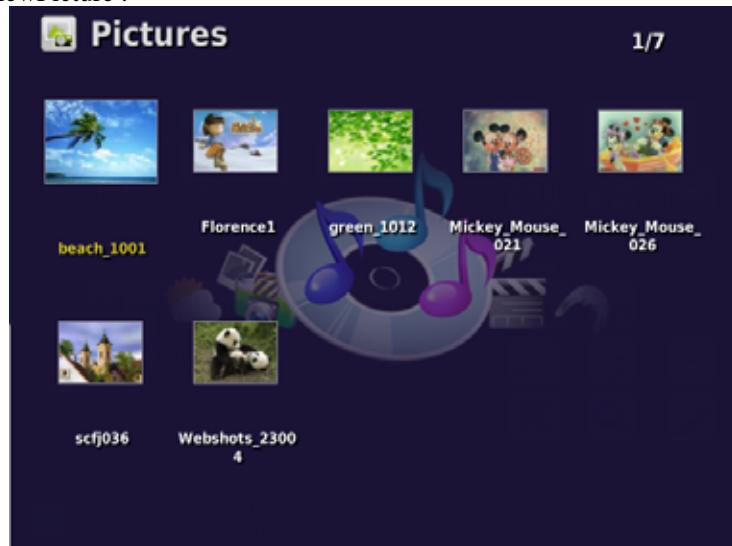


## 3.5 Picture

### 3.5.1 View Picture

Views pictures and images. It supports png, jpg, gif image file formats etc.

Use the remote control to navigate and choose the “Picture” centre, choose and press [OK] button to enter ViewPicture .



3.5.1.1

Use the left right buttons to choose images;

Press [OK] button to enter slideshow images in normal mode, press [OK] button again, to view in maximization mode.

A. In normal mode:

Press up or down buttons to rotate images clockwise or anti-clockwise.

B. when viewing an image in maximization mode, navigate the direction buttons to move images in different directions.

### 3.5.2. Web Album

Web Album allows you to keep in contact and interact with friends and family. It allows you to enjoy every moment in life!

## 3.6 News&Lifestyles

### 3.6.1 Weather&Stock&News

Using the Internet, you can conveniently use Weather program to keep you inform of the latest weather situations and reports. You can select different city following the weather setup in “Setup” section.



3.6.1.1

You also can check stock related news and subscribe to many kinds of news, like national, international and social news.

**News**

By Leah Schnur — Thu May 14, 4:53 pm ET

NEW YORK (Reuters) — Stocks rose on Thursday as financial and technology shares on the New York Stock Exchange. The rally could have more room to grow after a brief pause. Volume, however, was light, a possible indicator of broad conviction.

Technology gains were led by big-cap tech and financial companies after five straight days of losses for the Semiconductor index (.SOXX). Apple Inc (AAPL.O) was the top booster on Nasdaq, rising 2.9 percent to \$441.20. The PHLX index climbed 3.2 percent.

The surge in U.S. markets over the past two months has investors who missed the rally anxious to get back in, analysts said.



Reuters — Traders work on the floor of the New York Stock Exchange, April 28, 2009. REUTERS/Brendan McDermid



**Slideshow: Stock Markets**



**Wall Street Video: Pelosi Putting Taxes on the Table**

FOXBusiness

**3.6.1.2**

## 3.6.2 Kids World

Here, kids can watch favorite cartoon online, understand of children's information, also explore in a world of knowledge with the learning materials provided by Kids World.

**3.6.2.1**

## 3.6.3 Women's World

Here, you can research on the culture of cooking, understand of latest fashion news and also check home tips.



3.6.3.1

## 3.7 Setup

### 3.7.1 Options

Options include Audio Setup, Movie Setup, Network Setup, TV Setup, Pictures Setup, Language options; you can change the settings according to your preferences.

Use the up down buttons on the remote control to select “Setup” centre, choose  and press [OK] button to enter the system settings.



3.7.1.1

Press up down buttons to choose options, left right buttons to adjust settings of the selected options, press [OK] to save the change. Exit Options to apply the changes.

### 3.7.2 Search

Search is a local search tool which supports Audio, Movie, Pictures files from the search.

Choose  and press [OK] button to enter program.



3.7.2.1

### 3.7.3 Themes

Select your favorite themes.

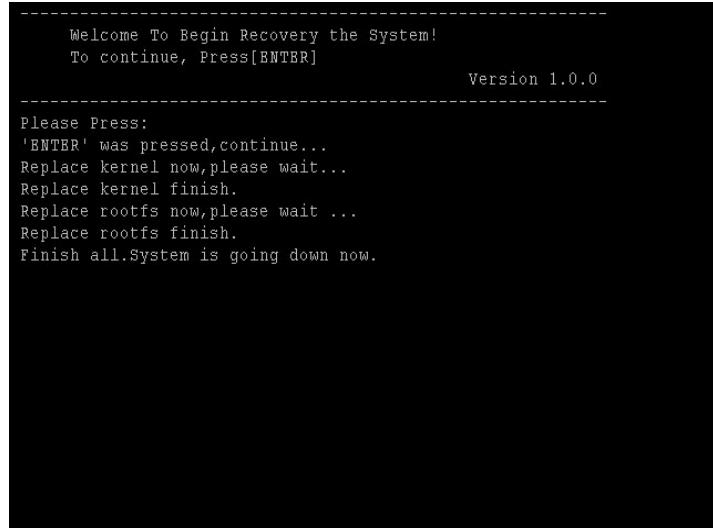
Choose  and press [OK] to enter the program.  
Choose your favorite themes and press [OK] button to change.

## 4. System Update

If Alpha300 system is accidentally damaged or when system is unable to operate normally due to abnormal or illegal operations, please use system recovery.

Warning : to recover the system, you need a keyboard.

1. Please prepare a card for restoring Alpha300 (SD card or flash disk)
2. Plug the USB keyboard and recovery card into your unit.
3. When turning on your unit, press [F3] and hold on until the interface of welcoming shows.
4. In accordance with the hints, press [ENTER] to conduct automatic restore.

**4.1**

## FAQ

**Problem:** Alpha300 doesn't turn on or start up.

**Solution:** Check that Alpha 300 is connected to a power source and into a functioning power outlet (power source requirement:5V3A )

**Problem:** Nothing is displayed on the screen when Alpha 300 is switch on.

**Solution:** Check to make sure Alpha 300 is connected correctly.

- A. If connected to AV line, check if the television's TV-OUT channel is set up correctly (use remote control).
- B. If connected to VGA line, check if the television's VGA channel is set up correctly (use remote control).

**Problem:** Unable to connect to the Internet.

**Solution:** Alpha 300 has 4 ways of connecting to the Internet ( USB Modem, ADSL, and LAN)

- A. If there is connection failure with USB Modem (GPRS/CDMA/3G/..), check whether SIM card balance is enough.
- B. If there is connection failure with ADSL,
  - (1) Ensure that Alpha300 Ethernet LED light is on, if not, reconnect and plug or check the cable for defaults.
  - (2) Check whether user account and password is entered correctly
- C. If there is connection failure with LAN.
  - (1) Ensure that Alpha300 Ethernet LED light is on, if not, reconnect and plug or check the cable for defaults.

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- (2) If Alpha300 is manually set up IP, check DNS, default route etc. is set up correctly.
- (3) If Alpha300 automatically received IP, check IP and DNS provided by the Internet server, default route etc. is correct.

**Problem:** Speaker has no sound.

**Solution:** check whether

- A. The audio output is connected properly, connect according to AV Cable
- B. The volume for Alpha 300 or the television is at the right volume level and is not mute, try raising the volume level or try clicking on the mute icon.

**Problem:** Remote control is not working.

**Solution:** Check if

- There is battery in the remote control, or if the battery is inserted correctly;
- The battery power is sufficient, if not, please change the battery;
- External reason resulting in the remote control not able to function properly: when using the remote control, be sure to aim the control at Alpha 300, shift or remove anything that is blocking the Alpha 300 .

**Problem:** Other problems.

**Solution:** Please try restarting Alpha300 or call our customer service hotline.