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## Preface

Firstly thanks a lot for using Ainol digital products--NOVO 7 Crystal Quad core Tablet PC, sincerely hope you can enjoy it. This manual will introduce the feature of this product that allows you to fully understand how to use it. For your ease to operate the device as soon as possible, please read the instructions before using the machine so that you can properly use it!

- 1、It is based on Android 4.1 operating system that supports wireless Internet
- 2、It use 7.0-inch HD screen 1024\*600 resolution
- 3、Camera: Front 0.3 Mega Pixel
- 4、It supports five points capacitive touch screen and button operation.
- 5、The CPU is: ATM7029 ARM cortex A9 Family Quad core.
6. 1.0 GB DDR3 RAM and 1.0 GB ROM.
- 7、The picture used in the manual may be different from UI in the device, please subject to the device!

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Accessories: If there is any change, we will advise



Novo7 Crystal Quad core



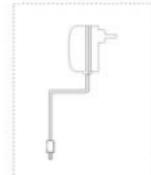
warranty card



User manual



USB Cable



Charger

## I.Main function

- 7.0 inch HD Display 1024\*600 resolution ;
- Support Android 4.1 operating system;
- Support APK application and installation
- Support 1080P full HD format video play;
- Support G-Sensor for screen rotation function;
- Support IR remote control operation;
- Support audio play format:MP3, WAV, (APE, FLAC, AAC, OGG need to install third-party software);
- Support TF card, capacity is 2GB--32GB;
- Support multi-format video play;
- Support JPG, BMP, PNG, GIF format picture browsing;
- Built-in microphone, can support ultra-long recording;
- Energy-saving setting, brightness freely adjustable, can set up automatic shutdown;
- Support and compatible for WIN2000, WINXP, VISTA, WIN7 system;
- Support e-book and bookmark functions;

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- Support firmware upgrade;
- Support multi-task, can read eBook while listening to music

## II. Note

This manual contains important safety measures and information to use the product correctly.

In order to avoid using improperly, please read the manual carefully before using it.

- Never use the device in extremely cold, hot, dusty and moist environment
- Please avoid the device falling down, being hit strongly and suffering severe vibration.

Otherwise, it would lead to the damage or abnormal display of the TFT Screen.

The user is responsible with the damage in this circumstance.

- Battery life will vary as the conditions and environment in use
- Please charge the battery in time if any following conditions:
  - A. The system warns that the power is low
  - B. There is no respond when operating the keys

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- When the device is formatting, uploading or downloading documents do not disconnect it suddenly. Otherwise it will probably lead to player failure. We are not responsible for any document losses incurred by damage and repair the machine or other reasons. Please use it as the manual and copy the important data in time. If you have any questions, please connect to the dealer. Do not disassemble the machine independently. Otherwise, you will lose the warranty that our company is committed to. The user will be responsible for the entire problem caused by disassembling the machine without permission.
- Because the difference of calculating the capacity, the player system firmware and FLASH memory FAT partition table should occupy a certain space. There might be some discrepancies between the memory capacity marked on the logo and the memory capacity connected to PC, which depend on the firmware version and FLASH category used by the tablet.
- At present, there are many viruses in the computer. It is easy to damage the local documents and firmware by the virus. Please strengthen the prevention. If it is infective which cause the failure of the tablet. Please upgrade the firmware in the computer after you ensure that it has no virus, and then format it to solve the problem.

- The product performance and functionality may be different with different version of software. We'll not give further notice. The company reserves the right to improve the product.

### III. Basic Operation

- **Power On/ OFF**

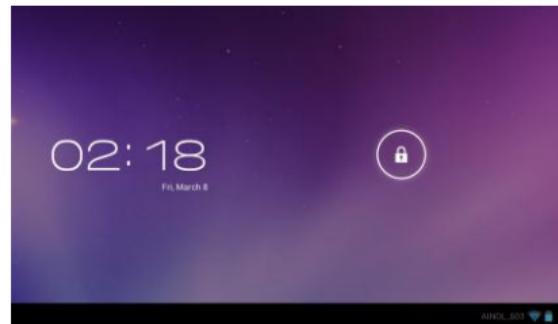
Power On: In the turn-off status, press the power button for 3 seconds, the unit will enter the main interface after the boot.

(Slightly longer boot time, please be patient.)

Power Off: In the power-on status, press the power button for 3 seconds, the pop-up interface, select "Shut Down" option to shutdown, otherwise click "cancel" option; press the power button to close screen, press again to open screen, drag lock up



can unlock and return to the main interface.



### Main Screen Button operation:



 Enter the main screen

 Check the history record

 Return to main Interface from any Interface

 Return to last layer

### Main Interface operation:

Clicking at any point in the center of the main interface can set he wallpaper.

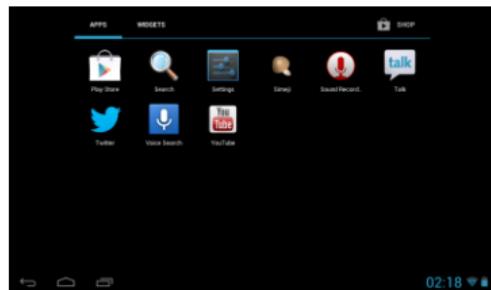
Wireless Internet function: click on "Google search" in the main interface, then input the contents with the pop-up keyboard input.

After the input is complete, click  to enter website.

Click the  on main screen or the menu button on the device, the below interface will display:

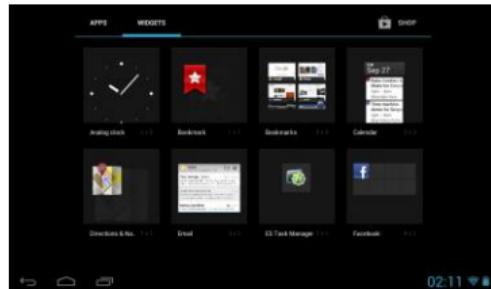
### Main Function menu operation:

Click  this function button, full-featured pop-up menu, such as below:



This window shows all the features of the machine icon, click on any icon to access the relevant function interface, click on the main interface key  to return to the main interface.

Click "windows widget" to add widget of all functions in any window



## IV. Emails

Click "emails" to enter user account interface and then log in to send and receive emails. (Require to register a google account)



## V. HD Media Player

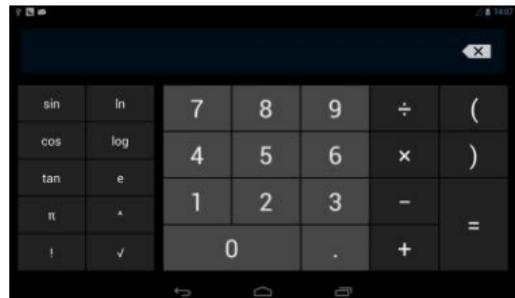
On the main screen click on "HD media player" option, you can access the video files list interface, the point of a video can be selected into the video player interface. Click anywhere on the screen can show or hide the video set icon, and click to set.

-  Esc, return the previous interface
-  Previous video
-  Pause
-  Fast forward



## VI. Calculator

In the main menu interface, click the "calculator" option, you can enter the calculator display screen, click on the numbers and operators, can be "add, subtract, multiply, divide,"



## Browser

Under the main menu, click "Browser" to enter into the internet interface. The default home page of this device is "Google" .

Click "website column" to pop up the keyboard for new website address;

Click "content column" to pop up the keyboard for new searching content.



check webpage bookmark, history record and Saved webpage



enter the interface of browser setting



pop up the keyboard for searching content



add the current webpage as bookmark



Click **C** icon to hide the keyboard after putting in the website, click to enter the webpage.

Please click  icon or the menu button on the unit when browsing the

webpage, the operation menu will pop up as below:

Click "refresh" to refresh the current webpage

## VII. Calendar

In the main menu screen click "calendar" option, you can have access to the calendar display, then view or set it



## VIII、Setting



In the main menu click the “setting “option can enter the system menu setting interface

### 1. Wireless and network



Wi-Fi: turn on/off WI-FI

Click “scan” to scan all the WIFI networks available within the range

Click “add network” to pop up Dialog box. User can add the aimed network to the WIFI network list after setting the network SSID and the security.

Click on any network, pass the safety test (input the wireless password), and

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then click "connect" to set this network as current online network.

Click  to pop up "advanced settings interface" for advanced setting

Flow status: check the flow status

More: set air mode, VPN and mobile network

## **2. Device:**

Sound: This can be set into the silent mode, volume, notification tone, key Sound, screen locked tone

Display: Enter this to set the screen brightness, automatically rotate screen, wallpaper,

Memory: User can tap to view the internal memory, SD card capacity, free space and relevant operations.

Battery: Click to check the battery status

Application: check all the apps in the unit which is download or in operation.

## **3. Personal Setting**

Accounts and synchronization: Set the background data automatically synchronize

The location: Set the google location service and google searching

Security: set screen unlock pattern, password and unit Management

The language and keyboard: The system can set the language, input methods, keyboard and mouse.

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Save document and reset: The user can save personal document and restore the machine to factory state.

#### 4. System

The date and time: User can set to automatically gain the data and time from the network, and can also manually set the date / time zone / time / format.

Auxiliary function: Click to set the Auxiliary functions

Developer choice: enter into the develop choice

About this tab: View state of the machine, electricity usage, legal information, hardware type, firmware version of MID and internal version.

#### IX. Clock

In the main menu interface, click the "clock" option, enter the clock Interface.

Click any point on the screen to adjust the brightness of the screen

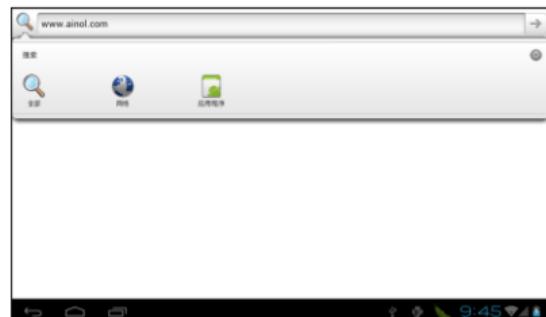
Click "alarm setting" to add alarm function



## X. Search

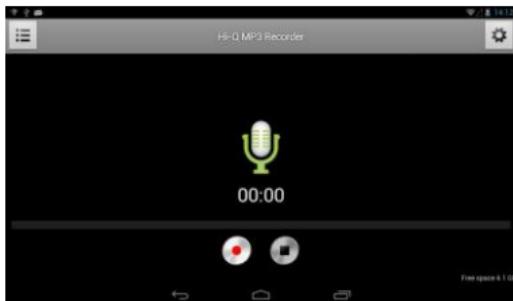
Under the main menu click the “search” into the following interface

Under the searching interface, Click  to pop up setting Interface, then set searching network and apps.



## XI. Audio Record

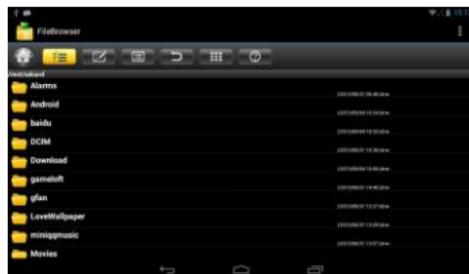
Under the state of main menu, select "Record" option, enter into the Record interface . Click  button to start record; Click  button to stop record and save it; click  to display current recording file.



## XII. File Management

In the "File Manager", it list show all the files in the internal memory and SD Card. Click to enter one layer by one layer, which

list the files under the current folder.



-  check the files stored in the internal memory
-  check the files in the SD Card
-  check all the photos
-  check all videos



return to previous layer

### XIII、App Installer

This device supports APK installation, uninstallation.

Click any APK in the File Management to access installation Interface. Click “installation” to start installing this APK.

Uninstallation: enter “applications interface “in the “setting “menu to uninstall the APK

### XIV、Camera

In the main menu interface, click the "camera" option, you can enter the camera interface



Click it to change to video



Click it to change to photo-taking

Enter to the camera interface, click the icon  , can be photographed and saved automatically. Top right of screen, click the small icon to view the photos taken. On the right corner of the interface , click to show or hide the camera settings menu.



Click to set the exposure, photo quality, and camera.



Switch the front and back camera



Enter into the video screen, click the icon  , can be video, click again to pause and automatically saved. Click the small

icon in the upper right corner, the recorded video can be played; in the video shown on the right corner of the interface click to

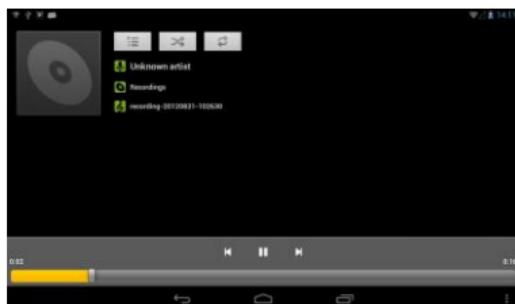
show or hide the video settings menu.  Click to restore the default settings (as shown).

 Click to set the screen effect of the video

 switch the front and back camera

## XV. Music Player

In the main menu interface, click the "Music Player" into the file list interface, select any music to play.



 Click the icon to return to the Now Playing list.

 Shuffle icon: Click to open or close the Shuffle

 Click the icon to set the "repeat the current song, repeat all songs, repeat off", etc.

 Click the icon to play on last song.

 Click to pause and play the current song.

 Click to play the next song

In the music player interface, click the icon  or press the Menu button, you can set the pop-music menu, click on "music library, party shuffle, playlist, delete" to enter the setting interface.

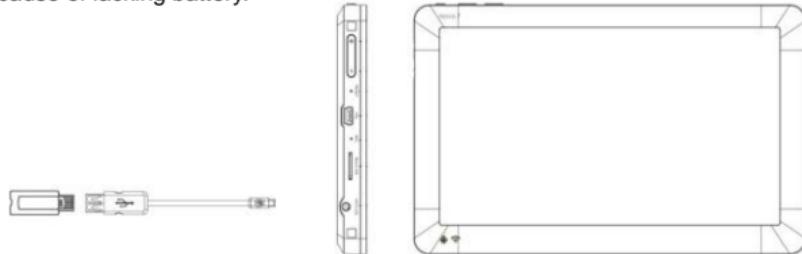
## XVI. OTG Cable: User methods and notice

OTG Cable can transmit the data between devices without the HOST.

The unit offer very easy-to-use OTG Function. User can copy the data in U Disk to this unit and can also copy the data to U Disk.

When using the OTG cable, please connect to OTG external devices.

Notice: When connecting to the external devices, make sure it's powered on connected with external power supply. Otherwise, it will cause problem because of lacking battery.



Power on the unit with the external device, choose “USB External device” to enter the interface of the U Disk files list after identifying the U Disk successfully.

To disconnect the OTG external device, first disconnect the power supply on the external device, and then disconnect the OTG external device.

## XVII、HDMI Output

HDMI cable is the only cable connected with TV and HDMI port of the unit.

Transfer TV Output to HDMI output, the Unit automatically switch to HDMI Output. The unit supports both the TV and the unit Operation and display.

## XVIII、TF Card



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1. The TF card inserted in accordance with icons to the player's cards bad
2. If you want to unplug the TF card, first make sure players do not currently operate on the card, and then look at his hand soft reduction card, TF card will automatically pop up at this time
3. The use of TF card, please use the machine to TF card on the computer format, to ensure that the file format is FAT32 of this system is fully compatible with FAT32 file format
4. If you have plug TF card on the machine can be seen TF card has been used capacity and available capacity

**Note: as far as possible in the off state TF card is inserted or removed in order to avoid loss of programs or data errors.**

## **XIX、Mobile storage function.**

The device for high-speed USB2.0 interface, the standard removable disk function, support for Windows98 (need to install the driver), Windows2000/XP/Vista (do not need to install the driver) system, use the USB cable (please try to use the first wife Ainol data line) connected with the PC after (wait a few minutes), the player is displayed as on-line mode; The use of removable storage functionality,

### **Copy files / folders**

Download files from your computer to the player, just simply want to download the file / folder onto your player can move the disk can be the same; you can put players inside the file transfer to your computer

### **Delete a file / folder**

Select File / folder on the keyboard, press the "Delete (delete)" key for file / folder deletion. Click "OK" to delete,

Note: In the MP3 and computer data exchange, not to unplug USB cable, otherwise it will result in loss of control buttons, and even loss of machine processes;

Use after the Windows desktop right-click the bottom right corner of the "" icon, according to the computer prompts, security, disconnect the USB connection.



### **XX、USB Recharge**

When the screen shows "There is little remaining power" or the battery icon turns blank, please use the unit after recharging.

You can use USB power adapter to recharger. Please connect the USB interface to the

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power socket with power adapter.

When using power adapter to charge the unit, the screen will display charging status. After the charge is finished, the screen will show battery is full. It takes 5 hours to fully charge this unit. (For the first two times, it takes 8 hours to fully activate the battery)

## **XXI、FAQ**

### **The machine could not be power on**

Check if the battery is empty.

Check it again after connects the power adapter.

If you still cannot power on after charging, please contact our sales.

### **No sound is available when playing.**

Please check if the volume is set to 0.

Please check if the earphone's connection is a problem.

### **Serious noise**

Please check whether the earphone plug is clean, dirt can lead to noise. Check is the music files have broken. Try to determine

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the other music. If the file has been damaged, it will lead to very serious tone of the noise or jump.

**Garbled screen** 

Please check whether it has set the correct language option, the language chosen can set in the (set) => (language selection)

**The files can not be downloaded** 

Confirmed the connection between the computer and the player is proper

Confirm whether the memory is full of storage space.

Confirm whether there is any damage in the USB cable.

**It can not go on line or display videos** 

Confirm WIFI is turned on and connected

Confirm WIFI message is good.

## XXII、Product Specification

Model Number	Novo7 Crystal II
DDR	DDR3 1G
Power Input	DC 5V 2A
Screen Size	7.0 inch HD
colors	16millions
Operation	5 points capacitive touch screen with button
Screen res.	1024*600
USB Connection	High speed USB 2.0
Micro SD card	2GB-32GB
OS	Android 4.1

WIFI	802.11b/g/n
Audio format	Support MP3,WAV,(APE,FLAC,AAC,OGG need install the third software)
Video format	Support MOV,MKV,AVI,TS,TP,M2TS,VOB,DAT,MPEG,MP4,PMP,3GP,FLV,WMV,ASF etc.
Photo format	JPG、BMP、PNG、GIF
Ebook format	TXT、LRC、(PDF,EPUB,FB2 need install the third software)
Camera	Front 0.3 Mega Pixel
Temperature	Working temperature: -10~45 degree
Battery	3.7V, 3700mAh
Languages	Support Chinese,English and multi languages
Support system	Win2000/XP/VISTA/Win7

## ◆ FCC STATEMENT

1. 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.

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

NOTE: 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.

3. FCC Radiation Exposure Statement: This equipment complies with FCC radiation exposure requirement. The device can be used in portable exposure condition without RF striction.