TABLET PC
User Manual

Magnus 10A

Contents

○SAFETY WARNING!

Before operating the unit, please read this manual thoroughly.

Placement
- Do not place the product on an unstable cart, stand, tripod, bracket, table, or shelf.
- Do not expose the product to direct sunlight and other sources of heat.
- Do not handle liquids near or on the product .
- Never spill liquid of any kind into the product .
- Do not put the product near appliances that create magnetic fields.
- Do not put heavy objects on top of the product .
- Do not use microwave to dry the product .
- Do not let the product fall.

Power Supply
- Check that the product's operating voltage is identical with your local 5V/2A power adaptor.
- Please unplug power supply and aerial plug when the weather is thunder-storm or lightning.
- Please unplug power supply, when there is nobody at home or didn't use over a long period of time.
- Please keep power cord from physical or mechanical damage.
- Please use original power supply,Shenzhen Huoniu / model HNEB050200UX or HND050200X
- Fever after charging or long-time use is a normal phenomenon.

Temperature
- Do not place the product near or over a radiator or a heater register.
- If your product is suddenly moved from a cold to a warm place, unplug the power cord for at least two hours so that moisture that may have formed inside the unit can dry completely.
- Do not expose to operating temperature above 40 .

Humidity
- Do not expose machine in rain, damp or place near water.
- Ensure the indoor drying, cool.

Ventilation
- Please use dry soft cloth to clean the product. Do not use alcohol to clean the product.

Battery
- Please do not unplug the battery by yourself.
- Please do not charge the product for too long time.
- Caution :
  RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
  DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS

● ATTENTION :
Il y a danger d'explosion s'il y a remplacement incorrect de la batterie.
Remplacer uniquement avec une batterie du même type ou d'un type equivalent recommandé par le constructeur.
Mettre au rebut les batteries usagées conformément aux instructions du fabricant.

Storage
● To avoid damage your Micro SD card/USB storage, please use Setting/Storage/SD CARD(USB STORAGE)/unmount storage before unplug your Micro SD card or USB storage.

Media/Music playing via headphone/headset

● To prevent possible hearing damage, do not listen at high volume levels for long periods.
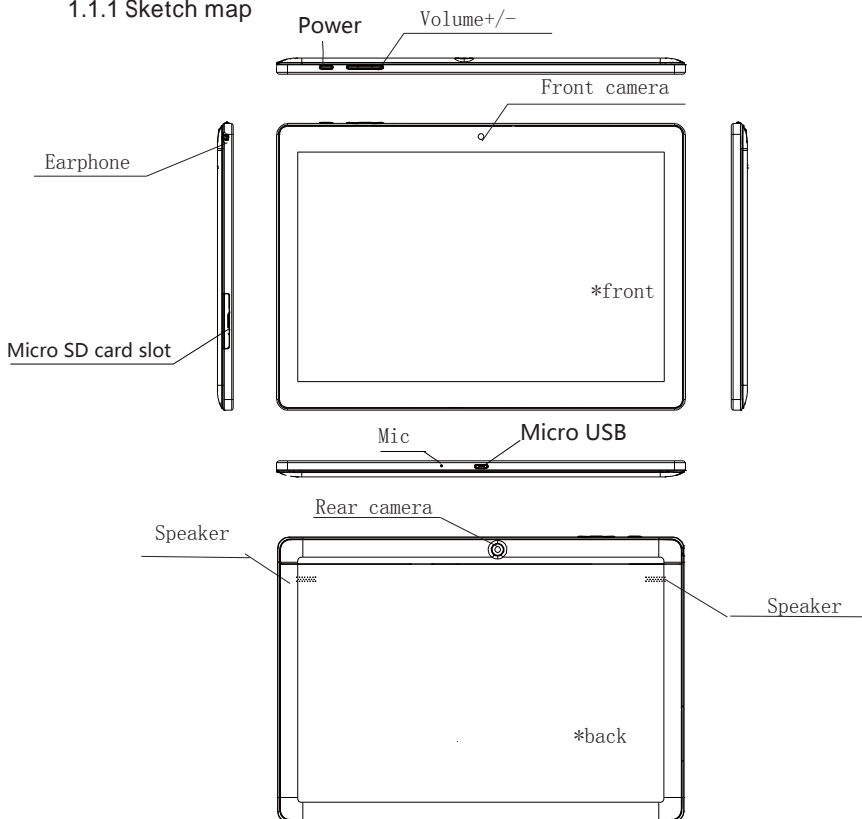
Others

● **WEEE**

This product must not be disposed of as normal household waste, in accordance with the EU directive for waste electrical and electronic equipment (WEEE – 2012/19/EU). Instead, it should be disposed by returning it to the point of sale, or to a municipal recycling collection point.
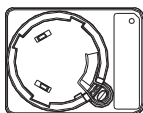
○PREPARATION

1.1. Product Introduction

1.1.1 Sketch map

Power

Volume+/−

Front camera

Earphone

*front

Micro SD card slot

Mic

Micro USB

Rear camera

Speaker

Speaker

*back

1.1.2 Accessory

USB Power
Adaptor

User Manual

USB cable

⦿FEATURES

- 10.1″ capacitive multi-point touch panel, 800*1280 Pixels.

- Android4.4, support Wi-Fi, support downloading resource from network.

- Support Wi-Fi(802.11 b/g/n) to enjoy fun with Internet.

- Support USB OTG.

- Support install & uninstall applications.

- Support MP3, AAC, WAV and etc.

- Support AVI, 3GP, MP4, MOV, MKV and etc(up to 1080p).

- Support Stereo speaker

- Support Micro SD(TF) card slot (support up to 32GB)

- Support JPG,PNG,BMP,GIF and etc. Support filmslide.

- Energy saving settings, auto-sleep.

- Support multi-language.

- Support connect to WinXP, Win Vista, Win7, Win8 .

- Front/rear camera, support photo/video shooting.

- Support G-Sensor.

- Support GPS.

- Support Blutooth4.0.

- High speed USB 2.0

- Multitasking such as: you can enjoy music as well as browsing pictures.

- Support updating system.

- Support multi-touch zoom in/out during surfing Internet.

○OPERATION

3.1.　Power on/off

When the product is powered off, press power button for about 3s to turn on the product.(It will take some time to power up, please wait)
When the product is powered on, press power button for about 2s to open the mode menu,choose shutdown to turn off the product.

If you want to force a shutdown when the product doesn't work well, press power button for more than 8s until the screen goes black.

3.2.　How to connect

Connect the product to PC. You can transmit data by selecting "Turn on USB storage".After transmission you should select "Turn off USB storage" before unplug the USB cable.

3.3.　Power supply monitoring

You can see the status of your battery from higher right corner. When the product shows low battery, it will shut down automatically. You can extend your battery's life between charges by turning off features that you don't need. You can also monitor how apps and system resources consume battery power.

3.4.　Charging　　　　　+ Attention Please confirm 5V/2A USB Adapter input

Please charge the product when it shows low battery. Please use the orignal adaptor for charging. It will take about 3.5 hours to fully charge the battery.You can also charge the product without turning on the product.

3.5.　G-sensor

Support G-sensor, you can find it in: **Settings>Accessibility>Auto-rotate screen**
When you turned on the function, you can rotate the product to let the picture or screen display to autoadaptation.
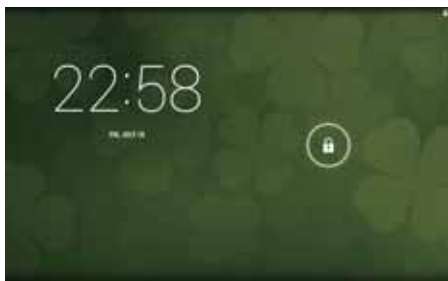
3.6.　Common function keys

On any screens, you can :

Click ▓ to open operation menu, click ◀ to back to last operation, click ▲ to

back to main launcher.click ▭ to open task manager

○ MAIN LAUNCHER

4.1. Lock UI Layout

Press power button for about 1~2s to turn on the product:

Screen lock: Drag the icon to right to unlock.

4.2. Main Launcher

Operation Introduction of Main Launcher

•**Change screen**: Use one of your finger to slide from left/right to right/left on panel to move to other screens.

•**Management:** User can manage icons or widgets on main launcher.
Long press any icon or widget on the screen until there is a ✕ appeared:

Drag the icon to ✕ to delete;
Drag the icon to another icon will create an app folder as ◯.

frequently-used application icons are listed on the right app bar. User can change them by drag icons in/out.

FEATURES

Back: Click to back to last operation.

Main Launcher: Click to back to main launcher.

Multitask: Click to show tasks running right the time. Drag the minimap of one task to right or left to kill the task. Killing tasks will help free memory.

System notification: Click notification to check state changes: USB storage, Micro SD and etc.

Battery status.

Information: Clock, Wi-Fi signal strength.

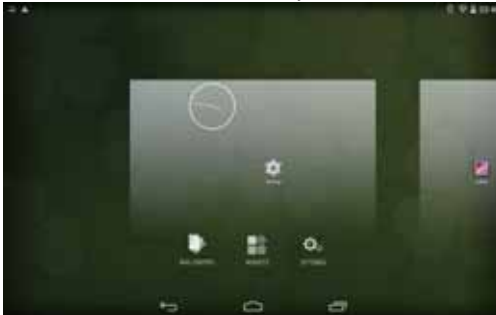Applications & app bar: Click to enter application list screen.

○APPLICATION

Click ⊞ to enter application list screen,Application list screen shows all application icons ,click any icon to enter the application.

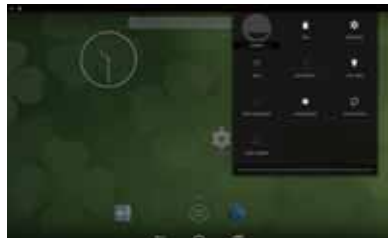Press and hold on the Main Launcher , you can choose to enter wallpapers or widgets.

Press and hold on an app icon or widget, you can drag it to main launcher tabs to create a shortcut icon.

⚙ SETTINGS

You can find settings ⚙ any time you click the upper right corner, click to enter:

Features	General Introduction
Wi-Fi	Turn on/off Wi-Fi Check Wi-Fi status Scan/add Wi-Fi network WPS Pin Entry/Wi-Fi Direct/Advanced
Bluetooth	Turn on/off Bluetooth Rename tablet; Visibility timeout; show received files;
Data usage	Set Wi-Fi data limit Data usage cycle
More	Airplane mode; VPN; USB Internet,
Sound	Volumes Default notification sound Touch sounds Screen lock sound
Display	Lock screen notifications;Wallpaper;Brightness;Daydream;Sleep Font size;Cast screen;
Storage	DEFAULT WRITE DISK Pad storage USB storage SD card External USB storage
Battery	Show battery status and main power consumption applications
Apps	Check and manage Apps as below: Downloaded;USB storage; Running; All. Data storage state shows on the buttom.

| Features	General Introduction
Location access	Mode Recent location requests location services
Security	Screen security Encryption Passwords Device administration Credential storage
Language & input	Language Keyboard & input methods Speech Mouse/ Trackpad
Backup & reset	DRM reset Backup & restore(You should have had a backup before)
Account	Corporate/IMAP/POP3
Date & time	Automatic data & time Set date Set time Select time zone Use 24-hour format Choose data format
Schedule power on/off	Set schedule power on & off
Accessibility	Services Captions Magnification gestures Large text Auto-rotate screen Speak passwords Accessibility shortcut Text-to-Speech output Touch & hold delay
Developer options	Debugging Input Drawing,Monitoring Hardware accelerated rendering Apps
About tablet	Status Legal information Model number/Android version/Baseband version/Kernel version Build number

⊙ INSTALL & UNINSTALL

7.1. Install

Install from internal storage/Micro SD card

1. Open the"File manager"
2. Choose the folder which contains the APK file you want to install
3. Find your APK file, and click it
4. Click the install button
5. After installation, you can find the installed app in

Download & install from Browser

1. Open the Browser
2. Click search key and input your website address
3. Download the APK file which you like if there is a link for download this file
4. You will find the file in your internal storage
5. Use "File manager"   (as "Install from internal storage/SD card")

Install from app market

1. Open original Play Store or other third-party market application
2. Check or search the app you want
3. Confirm and download the app
4. After downloading from Play Store, the app will install automatically
5. After downloading from third-party market, you need to install manually
6. After installation, you can find the installed app in

7.2. Uninstall

•Method 1:
 1. Enter Application
 2. Press the icon you want to delete for a few seconds

 3. Drag the icon to
 4. Confirm to delete the app

•Method 2:
 1. Enter **Settings\Apps**
 2. Choose tab **All**
 3. Find the app you want to uninstall in tab **All**
 4. Click **Uninstall** to uninstall the app
 5. Confirm

•Click ⬤ to open the browser to surf the Internet.
You can call out virtual keyboard anytime you touch input box or search bar.

Features:

➕ Click to open a new tab

★ Check and manage bookmarks/history/saved pages

☆ Add the current sheet to bookmarks

⁞ Click for more advanced features

🔍 Call out search bar for search or type URL

➕ Attention You can use two fingers to slide for browsing or to zoom in/out

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9.1.　Video

Find and enter in application screen:
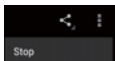

Play :

Feature of icons:

 play/pause

 Display size:Full screen/normal

 Drag the bright spot to select the point of the video

 Share the video; stop the playback

9.2. Picture

Use to enter a picture folder:

Open a picture:

You can use two fingers to zoom in/out.
•**SLIDE SHOW** Play back pictures as filmslide
•**EDIT** to edit the picture:

       Punch,Vintage,B/W,Bleach and etc.

       Photo frame.

       Straighten,Crop,Rotate,Mirror.

       Auto color,Exposure,Vignette and etc.

•**ROTATE/CROP**
•**SET PICTURE AS** can make the picture as **Wallpaper** or **Contact photo**.
•**DETAILS**

9.3. Music

Click in application screen to enter music player:

Features of fuction icons:
Classified by artists
Classified by albums
All songs
Classified by playlist
Now playing
Click and playing a song:
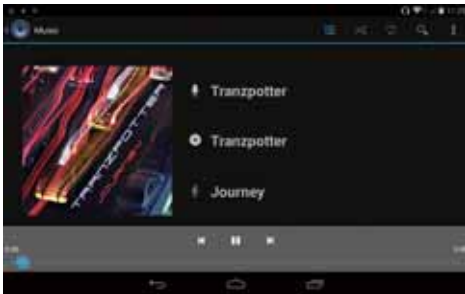
Top right corner function bar: List style, Shuffle style, Repeat style,
More options: Party shuffle, add to playlist, use as ringtone, delete, sound effects, library, search
Function Icons:
 Prev
 Stop/Pause
 Next

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○CAMERA

Click 📷 to open camera:

Icons:

🔆	Click to shoot	🔆	Face beauty mode
⚙	Settings	▭	Panorama mode
🔄	Change front/back camera	▦	Live Photo mode
🎥	Click to shoot		
🟥	Click to stop shooting		
🖼	Normal mode		

•Can not start up:
 Please check if battery low
 Please check after connected to power supply
 If the product can not start up after power on, please contact with supplier.

•Can not shut down:
 Please press the power button for more than 8 seconds until the screen goes
 black.

•Noise
 Please check if the audio file is broken, you can try some other files.
 Please leave the product far from your mobile phone.

•Messy code
 Please check if you have chosen the correct language.

•Can not transmit/download resource
 Please check if the product is connected to PC correctly.
 Please check if internal memory or Micro SD card is full.
 Please check if the USB cable is broken.

•Can not surf the Internet
 Please make sure Wi-Fi function is turned on.
 Please check Wi-Fi signal strength.

OS	Android 4.4
CPU	MT8121
Frequency	1.3GHz
GPU	Mali400 MP2
RAM	1GB DDR3
ROM	8GB
Display	10.1" 800 x 1280 Pixels Ratio 16:10 IPS
TP	Capacitive muti-touch panel (support up to 10 points)
I/O	High speed micro USB 2.0
	Micro SD card slot
	3.5mm earphone
Connection	Wi-Fi 802.11 b/g/n
Support	Micro SD(TF) card up to 32GB
3G	NO
Camera	Front 0.3M Rear 2.0M
G-sensor	Support
GPS	Support
Bluetooth	Support Bluetooth 4.0
USB OTG	Support
Language	Muti language
Media format	Support video format: Up to 1080p Support video codec: MPEG 1, MPEG 2,MPEG4, H.264 Support audio codec: MP2, MP3, AAC
	Support audio format: MP2,MP3,WAV,OGG,AAC
	Support picture format: JPG(JPEG),GIF,BMP,PNG

⭕Regulatory information

Manufacturer: MiTAC Computing Technology Corp.. Address: No. 200, Wen Hwa 2nd Rd., Kuei Shan Hsiang Taoyuan, Taiwan

● Appendix: Regulatory information
Regulations statements
USA

FC

Federal Communication Commission Interference Statement
FCC ID:2ADL6-TC10A

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 reason-able 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 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.
FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
FOR PORTABLE DEVICE USAGE (<20m from body/SAR needed)
Radiation Exposure Statement:
The product comply with the FCC portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this manual. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available.
FOR COUNTRY CODE SELECTION USAGE (WLAN DEVICES)
Note: The country code selection is for non-US model only and is not available to all US model. Per FCC regulation, all WiFi product marketed in US must fixed to US operation channels only.

The highest SAR value for the device ad reported to the FCC is 1.241W/kg when placed next to the body.

⭘Regulatory information

- Canada - IC

- English:
This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

- French:
Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:
(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

- Europe– EU Declaration of Conformity

CE 2200

This device complies with the essential requirements of the R&TTE Directive 1999/5/EC and the RoHS Directive 2011/65/EU. The following test methods have been applied in or der to prove presumption of conformity with the essential requirements of the R&TTE Directive 1999/5/EC:

— EN 55022:2010 AC: 2011
Information technology equipment - Radio disturbance characteristics - Limits and methods of measurement
— EN 55024:2010
Information technology equipment - Immunity characteristics - Limits and methods of measurement
— EN 60950-1/A12: 2011
Safety of Information Technology Equipment
EN 50566:2013
— Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (30 Hz-6GHz)
— EN 300 440-1 V1.6.1:2010 / EN 300 440-2 V1.4.1: 2010
Electromagnetic compatibility and Radio spectrum Matters (ERM); Short range devices; Radio equipment to be used in the 1 GHz to 40 GHz frequency range; Part 2: Harmonized EN under article 3.2 of the R&TTE Directive`

⊙Regulatory information

— EN 300 328 V1.8.1: 2012
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband Transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using spread spectrum modulation techniques; Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive
— EN 301 489-1 V1.9.2: 2011
Electromagnetic compatibility and Radio Spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements
—EN 301 489-3 V1.6.1 2013
Electromagnetic compatibility and Radio Spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 40 GHz

— EN 301 489-17 V2.2.1: 2012
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for 2,4 GHz wideband transmission systems and 5 GHz high performance RLAN equipment

● CERTIFICATION INFORMATION (SAR)

This tablet device meets international guidelines for exposure to radio waves.

Your tablet device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves (radio frequency electromagnetic fields), recommended by international guidelines from the independent scientific organization ICNIRP. These guidelines incorporate substantial safety margins assure the protection of all persons regardless of age and health.
The exposure guidelines are based on the Specific Absorption Rate (SAR), which is an expression of the amount of radio frequency (RF) power deposited in the head or body when the device is transmitting. The ICNIRP SAR limit for mobile devices is 2.0 W/kg averaged over 10 grams of tissue.
SAR tests are carried out with the device in standard operating positions, transmitting at its highest certified power level, in all its frequency bands. The maximum recorded SAR values for this device is Maximum SAR value 0.29 W/kg over10g