

Lenco

TAB 4 TWO 90
9" (22,5 CM) TABLET WITH
ANDROID™ 4.2



User Manual

For information and support
www.lenco.com

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Dear customer,

Thank you for buying this Lenco product. Quality and usability is our top priority. In order to let you fully enjoy this tablet, we have manufactured this product using high quality standards, materials, components, and care.



Please read all safety instructions and national restrictions, before you use this tablet.

Note:

This user manual was printed prior to the development of this product. When operability or other functions needed improvement, priority went to the product specification itself, and not to this manual. In such instances, the instruction manual may not entirely match all the functions of the actual product. Therefore, the actual product and packaging, as well as the name and illustration, may differ from the manual. The screen shown as an example in this manual may differ from the actual screen display.

Lenco is not liable for any consequential damage.

Safety instructions

IMPORTANT SAFETY INSTRUCTIONS - READ CAREFULLY BEFORE USE.

**CAUTION
RISK OF ELECTRICAL SHOCK
DO NOT OPEN**



CAUTION: TO PREVENT AN ELECTRICAL SHOCK, DO NOT REMOVE ANY COVER SCREWS. THERE ARE NO USER SERVICEABLE PARTS INSIDE. REQUEST A QUALIFIED SERVICE PERSON TO PERFORM SERVICING.



This symbol indicates that there are important operating maintenance instructions in the user manual accompanying this tablet.



This symbol indicates that dangerous voltage is present within this tablet, constituting a risk of electric shock or personal injury.

Keep these instructions in mind:

- Do not use this device near water.
- Clean only with a slightly damp cloth.
- Do not cover or block any ventilation opening. When placing the device on a shelf, leave 5 cm (2") free space around the whole device.
- Install in accordance with the supplied user manual.
- Don't step on or pinch the power cord. Be very careful, particularly near the plugs and the cable's exit point. Do not place heavy items on the power cord, which may damage it. Keep the entire device out of children's reach! When playing with the power cable, they can seriously injure themselves.
- Unplug this device during lightning storms or when unused for a long period.
- Keep the device away from heat sources such as radiators, heaters, stoves, candles and other heat-generating products.
- Avoid using the device near strong magnetic fields.
- ESD can disturb normal usage of this device. If so, simply reset and restart the device following the instruction manual. During file transmission, please handle with care and operate in a static-free environment.

Safety instructions - continued


- **WARNING! NEVER INSERT AN OBJECT INTO THE PRODUCT THROUGH THE VENTS OR OPENINGS. HIGH VOLTAGE FLOWS THRU THE PRODUCT AND INSERTING AN OBJECT CAN CAUSE ELECTRIC SHOCK AND/OR SHORT CIRCUIT INTERNAL PARTS. FOR THE SAME REASON, DO NOT SPILL WATER OR LIQUID ON THE PRODUCT.**
- Do NOT use in wet or moist areas such as bathrooms, steamy kitchens or near swimming pools.
- Do not use this device when condensation may occur.

This tablet is produced according to all current safety regulations. The following safety tips should safeguard users against careless use and dangers involved with such use.

- Although this device is manufactured with the utmost care and checked several times before leaving the factory, it is still possible that problems may occur, as with all electrical appliances. If you notice smoke, an excessive build-up of heat or any other unexpected phenomena, you should disconnect the plug from the main power socket immediately.
- This device must be well ventilated at all time!
- This device must operate on a power source as specified on the specification label. If you are not sure of the type of power supply used in your home, consult your dealer or local power company.
- The socket outlet must be installed near the equipment and must be easily accessible.
- Do not overload AC outlets or extension cords. Overloading can cause fire or electric shock.
- Devices with Class 1 construction should be connected to a main socket outlet with a protective earthed connection.
- Devices with Class 2 construction do not require a earthed connection.
- Keep away from rodents. Rodents enjoy biting on power cords.
- Always hold the plug when pulling it out of the main supply socket. Do not pull the power cord. This can cause a short circuit.
- The screen is made of plastic and can break when damaged. When broken, be careful with sharp edged plastic splinters to avoid injury.

- Avoid placing the device on any surfaces that may be subject to vibrations or shocks.
- When the device is not in use for long periods, unplug the AC power cable for safety reasons.
- Do NOT knock on, press, hit or shake the screen as you may damage the internal circuits.
- To clean the device, use a soft dry cloth. Do NOT use solvents or petrol based fluids. To remove severe stains, you may use a damp cloth with dilute detergent.
- The supplier is not responsible for damage or lost data caused by malfunction, misuse, modification of the device or battery replacement.
- If the device will not be used for an extended period, please charge the battery at least once per month to maintain battery life.

Safety instructions - continued

- Charge the battery if:
 - a) The battery level icon displays  (An empty battery)
 - b) The device switches off automatically when restarted.
- Do not interrupt the connection when the device is formatting or transferring files. Otherwise, data may be corrupted or lost.



WARNING: Prolonged exposure to loud sounds from personal music players may lead to temporary or permanent hearing loss.



The USB memory stick should be plugged into the unit directly. Don't use an USB extension cable because it can cause interference resulting in failing of data.



BEFORE SENDING YOUR DEVICE TO LENCO DO NOT FORGET TO BACKUP YOUR DATA. SUPPLIER IS NOT LIABLE FOR ANY DATA LOSS.



Do not distribute copyright-protected material without the permission of the content owners. Doing this may violate copyright laws. The manufacturer is not liable for any legal issues caused by the user's illegal use of copyrighted material.

Power on/off

Power on: press and hold the power key for 5 seconds

Power off: press and hold the power key for 5 seconds → click Power off → click OK

Lock/unlock screen: press the power key to lock/unlock the screen

Forced shutdown: in case of no response of the device, press Reset key to reset the device by force

Note: do not use forced shutdown unless necessary. Shut down the device following power off steps.

Reset key: press this key to reset the device.

Using touch screen

Single click: click an icon to select the option you require.

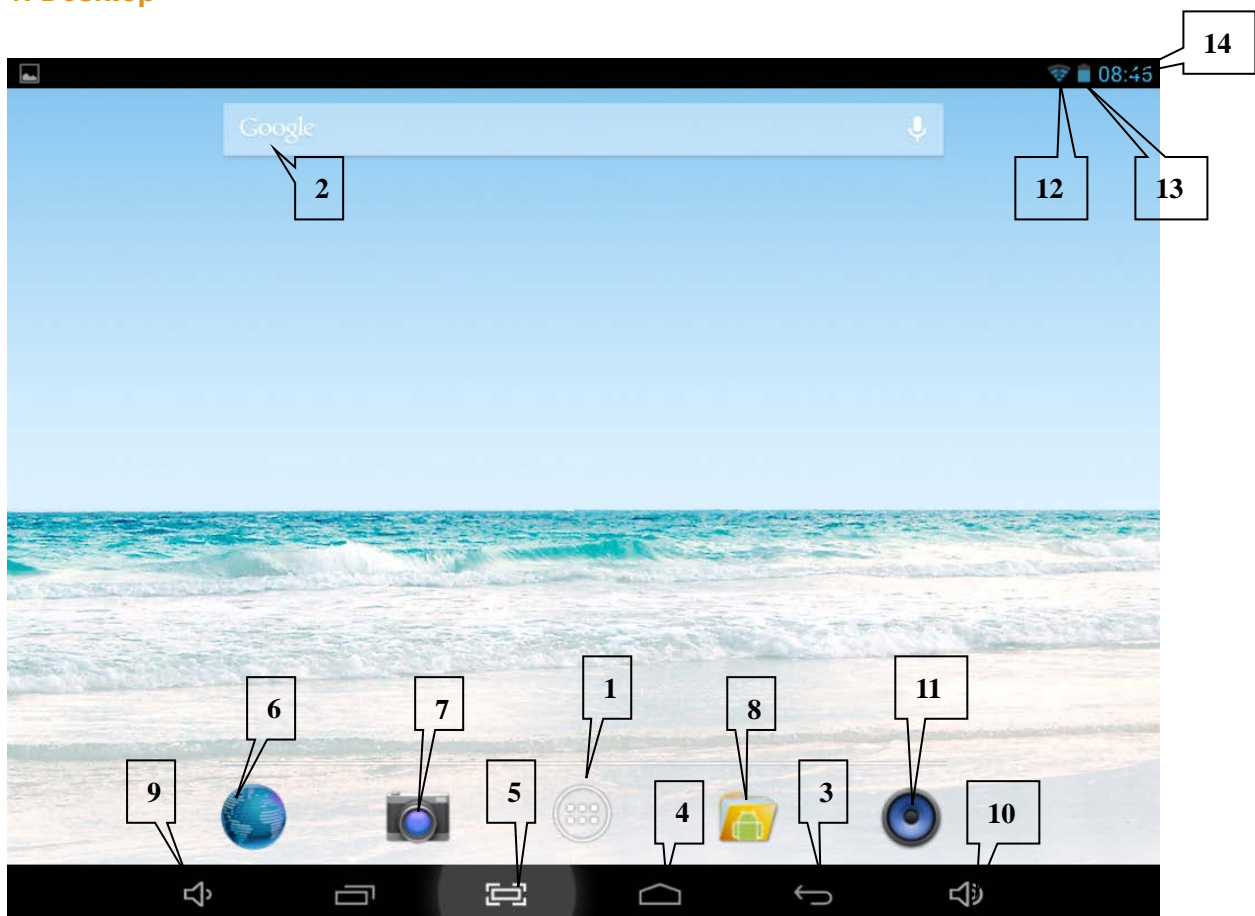
Press and hold: select an icon and hold to drag it to the desktop.

Drag: drag on the desk to switch among different interfaces.

☆ To avoid scratching or damaging the screen, never put anything on it.

Interfaces

1. Desktop



1: View all applications

2: Google search

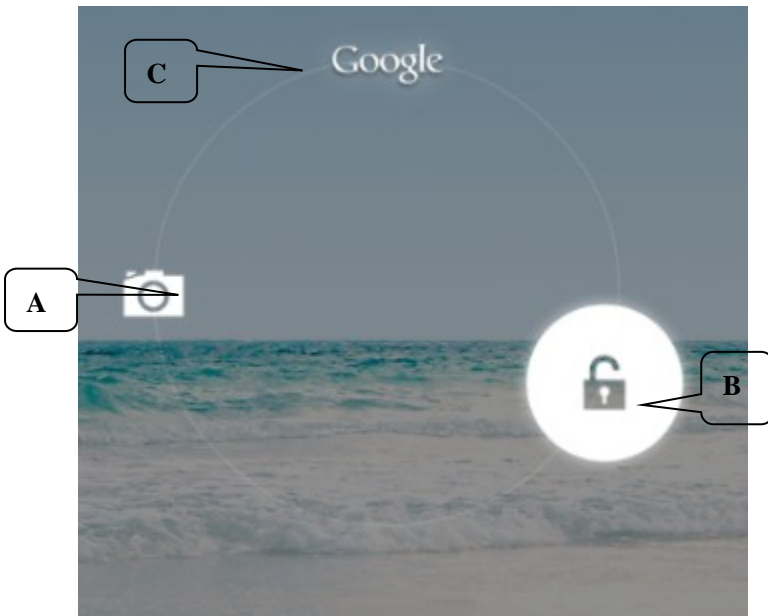
3: Return


- 4: Return to desktop
- 5: Shortcut key for screen capture
- 6: Browser
- 7: Camera
- 8: File manager
- 9: Shortcut key to volume-
- 10. Shortcut key to volume+
- 11. Music applications
- 12. 3G/WIFI status
- 13: Battery status 4: Time display

2. Locked screen



If the tablet is not used for a long time, press Power On key and enter standby mode. There are two standby modes. One is sleeping mode, at this time the screen is off. Press Power On key again to enter nap mode as shown in the picture.




In this mode, click and hold **Lock/unlock icon** , there identifiers at A\B\C positions will appear as shown in the picture. In this interface, Camera icon is at A position, Unlock icon is at B position, and Google icon is at C position. The system will prompt you the currently activated path, as shown in the picture, the ripples at B position show the activated path. You can click and drag the Lock/unlock icon to B position to unlock the screen, to A position to activate the camera, or to C position to activate Google browser.

Operating programs

1. Player



1. Click  to enter player interface.
2. Select a video file to play and the system will enter video playing interface. Click on the screen to display the control menu as shown in the following picture to adjust the video accordingly (volume +/-, playing process bar, previous video, pause/play, next video, screen size and return menu).



Note: System ver. 4.2 supports desktop multi-menu video playing mode. You can simply desktop-play the video by selecting the desktop playing menu. With this function more than one video can be played at the same time on the same device.

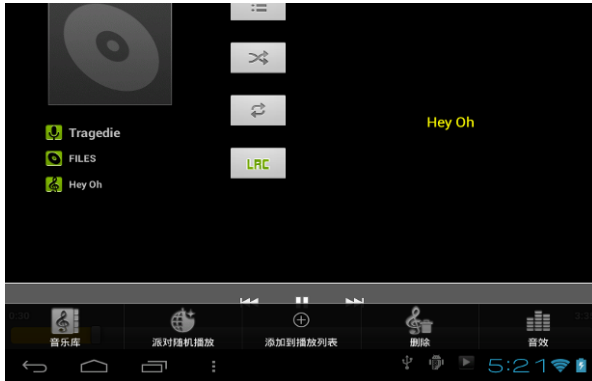
2. Music




1. Click the music icon to enter player interface.
2. Select the music you want to play from track/album/artist/playlist.
3. Click Previous → Pause → Next icons for playing.

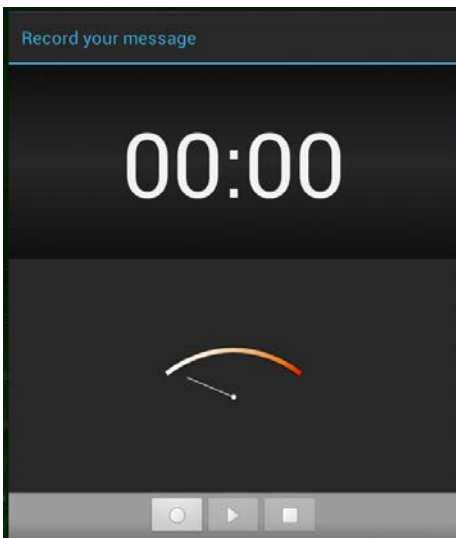





4. You can click  to go back to previous interface or click  to return to desktop while keeping the music playing. The interface is shown as below:



3. Recorder

Click icon  to enter recorder mode (see the picture).




Click  to start recording, and click  to stop. Click  to play the recorded audio. The recorded files are named according to the recording time. You can select any one to play. In the above picture, the finger shows the sound wave intensity and the time shows the recording time.





4. Camera

The camera can be used to take pictures or to make video's.

Taking pictures

- Tap  to take pictures. All pictures are saved automatically.
- For system ver. 4.2, you can drag the taken photo to enter the album directly. When entering the album from camera mode, you can view the pictures in thumbnail mode up to nine pictures.
- For system ver. 4.2, you can return to camera interface, and you can drag the interface to the front to display and go on taking photos, without needing to click other keys to return camera status.
- Press return key or desktop key to exit from camera

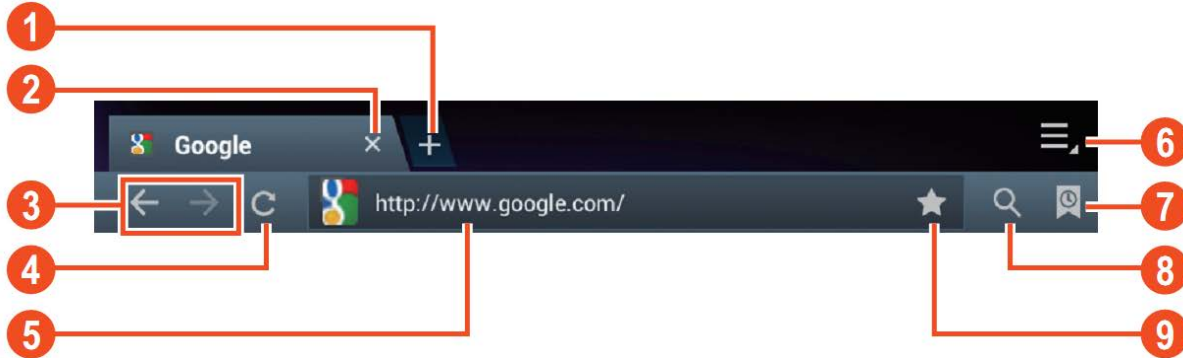
Recording video

- Tap  to switch to the video mode.
- Tap  to start recording.
- Tap  to stop recording. All videos are saved automatically.
- Tap on the thumbnail to view the movie.
- Move the 0 towards the + to zoom in.
- Press  to change to the front or rear camera.

5. Browser



Click icon to enter browser interface



Number	Function
1	Opens a new tab
2	Closes current tab
3	Go back or to the next website in the browser history.
4	Reloads page, if the page can't be reloaded this changes in an "X"
5	Enter web address or keyword.
6	Browser options
7	Shows favorites, history and saved pages
8	Activates an URL field
9	Saves the current web address as favorite.

Note: The system ver. 4.1 includes Google browser. You will be asked to select browser mode when using it for the first time, and you can select any one you like.



The new browser icon is

6. Play store



Open to view and download applications.

When running play store for the first time, you will be asked to login with your Google account, (if you don't have a Gmail account, apply for one at <http://gmail.google.com>).

7. Calendar



Click **Calendar** icon.

When running the calendar for the first time, you will be asked to login. Enter your email address and password, click next, and complete the settings according to the guide. Then you can use the calendar.

New event

1. In **Calendar** interface, click the date you want to add a new event to.
 2. Select the time of the event → Input the details of the event in each field.
 3. Click **Complete**.
 4. Press Menu key to select the calendar interface you want.
- ☆ *Date showing in gray means there is an agenda.*


8. Clock



Click **Clock** icon. You can view the current date and time.

Alarm clock

You can set more than one alarm clocks at the same time.

- ☆ When icon  appears on the screen, it means at least one alarm clock is activated.

Adding alarm clock



1. Click **Clock** icon.
 2. Click menu → **Add alarm clock**
 3. Set the alarm clock you require.
- ☆ *If Repeat is not selected, the alarm clock will be deleted after alarming.*
4. Click **Activate clock**.
 5. Click **Complete**.

Closing alarm clock



When the set alarm time reaches, a window with the name of the alarm clock will pop up.

If you want the clock to alarm again in 10 minutes, click **Pause and alarm again**.



Click **Cancel** to stop the alarm.

Activating alarm clock



If the alarm clock is set to repeat, you may want to pause the alarm instead of deleting it.

1. In alarm clock interface, click the icon  after the alarm clock you want to activate.
2. Click  to reactivate.

Editing alarm clock


1. Click  **Clock** icon, → Click .
2. Click and enter the alarm clock you want to edit → Edit.

Deleting alarm clock


1. Click  **Clock** icon, → Click .
2. Click and enter the alarm clock you want to delete.
3. Click **Delete alarm clock**.

Click  to return to desktop.

9. Calculator

1. Click  Calculator icon.
2. Click numbers and operators to calculate.
3. Click **Clear** to clear the input one by one, or click and hold Clear to clear all inputs.


10. Downloading

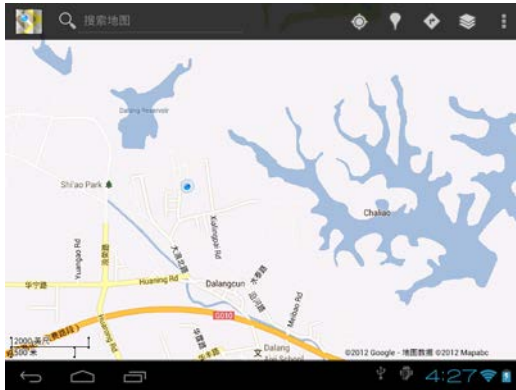
1. Click  **Download** icon.
2. You can view the downloaded software and select one to install.

11. Map

☆To use this function, make sure you have an Internet access.



When there is an internet access, click icon  to open the map where you locate. You can search for the information you want as shown in the picture.

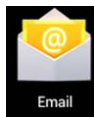


12. Email

☆POP3 and SMTP are supported.

Adding email account

You can enter one or more email addresses you want to use on the device.



1. Click **Email** icon.
 2. In **Your account** interface, click **Next**.
 3. Click Email address option → Input your email address.
 4. In Password option → Input your account password.
 5. Click **Complete**.
 6. Manual setting (optional): the server will select provider (gmail.com, etc.) automatically according to your email account. However, if you want to change server settings, you can click Manual setting and make changes.
 7. Click **Next**.
 8. Optional: input account name.
 9. Input name to display when sending message → Click **Complete**.
- ☆ *After setting, if you cannot connect to a free email account, please confirm with your email provider if their server supports POP and SMTP or not.*

Inbox



1. Click **Email** icon.
2. If you set only one email account, it will open directly. If you set more than one email accounts, you will see the email account list.
3. Click the email account you want to open → Click **Inbox**.



Opening an email

1. In **Inbox** interface, click an email to open it.
2. Click an attachment (if any) to enable a corresponding application to open it, or you can click **Save** to save it to SD card.
3. If you want to **Reply**, Click **Reply** or **Reply all**.
 - a. Enter the message you want to reply in **Writing email** option.
 - b. Click **Send** to send the email; you can also save it as draft without sending it. The email will be deleted if you don't save or send it.
4. To delete an email, click **Delete**.

Writing a new email


1. In **Inbox** interface, click **Menu**→ **Write**
2. Click **Send to** option, then enter address of the **Receiver**.
3. If you want to cc or bcc to other receivers, click **Menu** → **Add cc and bcc**, then enter the email address of the receiver.
4. Enter the subject in the title bar.
5. Click **Write an email** option to enter your personal information.
6. If necessary, click **Menu** → **Add attachment** to add attachment files.
7. When you complete writing, click **Menu**→ **Send**.

Editing email account

1. Click  **Email** icon.
2. In **Inbox** interface, click **Menu**→ **Account setting**.
3. Set your email account according to your needs.
4. Click  to return to **Inbox** interface.

Deleting an email account

★If you have more than one accounts, and if you delete the default account, the next one in the list will become default.

1. Click  **Email** icon.
2. In **Inbox** interface, click **Menu**→ **Account**.
3. Click and hold the account you want to delete.
4. In the popped-up **Account option** window, click **Delete account**.
5. Click **Yes** to confirm to delete.

Setting default account

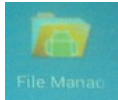
You must always have a default account. Therefore, if you have more than one email accounts, you can select one as default.



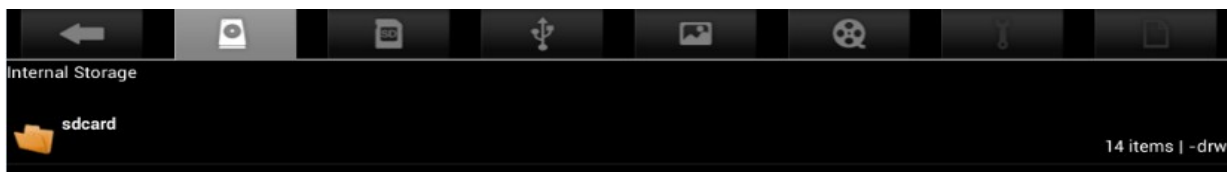
1. Click **Email** icon
2. In Inbox interface, click Menu→ **Account setting**.
3. Click **Default account** to select it.

If you delete the default account, the next one in the list will become default.

13. File manager





Click **File manager** icon to view all files saved in the device (*internal storage, SD card, USB disk*), and you can install Android applications to your device in a fast and convenient way.



Copying files between devices




You can use file browser to copy files among external storage, internal storage and PC. To copy a file into the device, you must firstly copy it to SD card or USB disk.

1. Click  or  to display files saved in the storage device.
2. Click and hold the file or folder you want to copy → click **Copy**.

Deleting a file

Click and hold the file or folder you want to delete → Click Delete

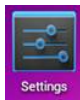
Settings

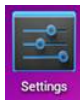


Wireless network		
Wi-Fi		Set and manage wireless access point (refer to WIFI setting for details).
Bluetooth	This function is optional	Set and manage Bluetooth signals. Enable and click name of Bluetooth device, ensure the device to be detectable by all Bluetooth devices nearby. After that, all Bluetooth device nearby can be searched.
Traffic		Set and manage data traffic.
More...	Portable hotspot	Set WIFI hotspot
	Ethernet	Configure wired network.
	VPN	Configure VPN network
	Mobile network	Set 3G network (refer to 3G settings for details)
Device		
Energy saving mode	Energy saving mode	
Sound	Volume	Adjust volume of media, alarm clock and notification. Click and slide  to adjust volume and then click OK.
	Notifying ringtone	Select the notifying ringtone you want.
	Screen lock prompt tone	Prompt tone when screen is locked/unlocked
Display	Brightness	Click and slide  to adjust brightness and then click OK.
	Wallpaper	Set wallpaper
	Sleep	Adjust sleep time.
	Font size	Adjust font size in the interface.
Storage		Display storage status
Battery		Display battery status.
Applications		Manage and display status of applications in the device.
User		Display user's information
Personal		
Location information access power		Display my location and source of location information
Security	Screen lock	Set screen security protection
	User's information	Set to display user's information on the screen.

	Device management	1. Add or delete device manager. 2. Unknown source APK installation settings.
	Credential storage	Manage application access security credentials and other credentials.
Language and input method	Language	Set default language
	Keyboard and input method	Set default keyboard and input method
	Sound	Set relevant parameters for sound function
	Mouse/Touchpad	Adjust mouse speed.
Backup and reset		1. Backup/restore device data. 2. Restore default settings.
System		
Date and time		Set or adjust time and date in the device.
Auxiliary functions		Set auto rotation, display font and touch screen effect.
Developer options		Basic applications for developers.
About the tablet PC		View system status, battery status, legal info, model, Android version, core version and version number.

Wi-Fi settings

Many functions require Wi-Fi connection, so we suggest you use the preset Wi-Fi network.




1. Click  → **Settings** → **Wireless and network**
2. Enable **Wi-Fi**. The device will search and list all available **Wi-Fi** networks automatically. The icon next to **Wi-Fi** means you need to enter a password to connect to it.
3. Click the **Wi-Fi** network you want to connect to → if there is password, you need to enter the password → Click **Connect**. After connecting to WIFI network, you will see an icon  on the desktop.
4. Click  to return to desktop.

★ If your Wi-Fi is set to be hidden, it will not be searched automatically. You need to click **Add Wi-Fi network**, and then enter required information to add your Wi-Fi.

3G settings

1. Before connecting to a 3G network, make sure you are using a 3G network card supported by the device. This device only supports external USB 3G network card.
2. After installing a SIM UIM card to 3G network card, install the 3G network card on USB OTG connection wire, and then connect to the device.


3. After 3G network card is connected, click  **Settings** → **Wireless and network** → **More** → **Mobile network** for 3G network settings.
4. Enable mobile network, tick **Enable data traffic** → **Data roaming**, then select **Access point name**, select **Menu** and select available network for 3G network access.
5. General device can be used directly, but for a few devices, APN needs to be created and network access shall be set before use.


Take China Union 3G network for example, the settings are as following:

Name: 3GWAP / **APN:**3gnet / **Proxy:** Not set/ **Port:** 80 / **Username:** Not set/ **Password:** Not set/

Server: Not set/ **MMSC:** Not set / **MMS proxy:** Not set/ **MMS Port:** Not set / **MCC:**460/ **MNC:**01/

Authentication type: Not set/ **APN type:** Not set/ **APN protocol:** Not set

After setting, you will be able to connect to 3G network. After connection, you will see the icon  in the screen. When this icon is gray, it means the system is searching for network, and when it is blue, it

means the network is successfully connected. The icon  means there are data in transmission.

Use of extended storage

1. Using USB disk

Insert the USB disk into OTG connection wire, → then insert the OTG connection wire into the USB OTG port of the device. You can use the U disk when it is ready.


- ★ Do not insert and remove USB disk repeatedly in a short time, otherwise the USB disk may be damaged.

2. Using SD card

★The device supports storage card of up to 32GB.

Insert the storage card into the card slot, and press it down with your finger, the message **Preparing for SD card** will display on screen. When this message disappears, it means the TF card is ready, and you can use it.

Removing SD card

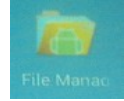
Close all applications or files on the card.  Click → **Settings** → **SD card** → **Remove SD card**. Press the card softly and it will be ejected. Then move it out.

- ★Do not insert and remove the card repeatedly in a short time, otherwise it may be damaged.

★We recommend you use a card of famous brand so as to avoid incompatibility.

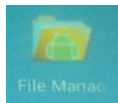
Downloading, installing/uninstalling applications

★You can find many free interesting Android applications in the internet. Just open the browser and search for “Android applications”.



The Android applications you purchase or download can be installed through File manager in a fast and easy way.

1. Copy the .apk file you want to install to SD card or USB disk → Insert the card or connect USB disk to the device.



2. Click **File manager** icon.



3. Click **SD** or **USB** and find the folder in which .apk file is saved.
4. Select a .apk file → **Install**. After installing, the icon of the application will display in the interface where all applications are displayed.
5. Click to run the application directly, or click Complete to return to File manager interface.

Downloading and installing application from internet

You can download Android applications from internet or other e-market directly and install them into your device quickly and conveniently.



1. Click **Browser** icon to connect to internet.
2. Enter address and click the download link of the application you want to download to the device.
3. After downloading, click and hold the download file (in download record interface), → Click Open → **Install**.

Uninstalling applications

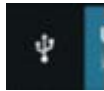
You can uninstall any installed Android application conveniently.

1. Click Menu → **Settings** → **Applications** → **Manage applications**.
2. Click the application you want to uninstall, → **Uninstall**.
3. Click Yes to uninstall.

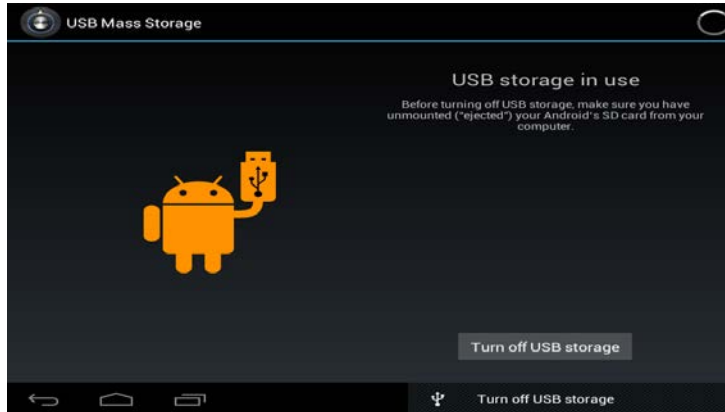
Connecting to PC

1. Connect the device to a PC, and then this device can be used as a mobile storage device. When using a USB cable to connect to PC, connect one end of the cable to the USB OTG port of the device, and the other end to USB port of PC.

2. After connection, the device will prompt icon  and click it and select





, then select **Enable USB device**, then you can save data to the device via PC, as shown in the following picture:



Charging

Connect one end of the power adaptor to socket, and the other end to the power socket of the device for charging.

During charging, the icon of battery will be , and when charging completes, the icon will be .

- You shall not charge the device via a USB cable.
- You can still use the device while charging, but this will prolong the charging time.
- Use the device at least once every week.
- Fully charge the battery regularly.
- Don't keep the battery empty for a long time.

Precautions

Please observe the following safety precautions when using your device.

- Do not expose the product to rain or humidity directly.
- Keep the device away from direct sunlight or heat source.
- Protect the power cable. When connecting the power cable, do not step on it, put anything on it or press it by force. Pay special attention to protect the plug of the power cable.
- Please use approved power adaptor for charging, use of other chargers may damage the device.
- Never disassemble or repair your device without authorization.
- Always touch the screen with care. If you want to clean the fingerprint or dust on the screen, please use a soft cloth such as lens cloth but do not use a coarse cloth.
- ***Pictures in this manual are for demonstration purpose only and may differ from the real product.***

Service and support

For information: www.lenco.com

For support: <http://lencosupport.zendesk.com>

Lenco helpdesk:

Germany	0900-1520530	(Local charges)
The Netherlands	0900-23553626	(Local charges + 1ct p/min)
Belgium	02-6200115	(Local charges)
France	03-81484280	(Local charges)

The helpdesk is accessible from Monday till Friday from 9 AM till 6 PM.

When contacting Lenco, you will always be asked for the model and serial number of your product. The serial number can be found on the back of the device. Please write down the serial number below:

Model: TAB 4 TWO 90

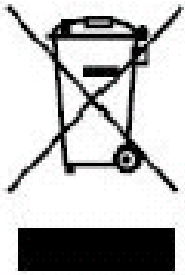
Serial number: _____

Lenco offers service and warranty in accordance to European law, which means that in case of repairs (both during and after the warranty period) you should contact your local dealer.

Important note: It is not possible to send products that need repairs to Lenco directly.

Important note: If this unit is opened or accessed by a non-official service center in any way, the warranty expires.

This device is not suitable for professional use. In case of professional use, all warranty obligations of the manufacturer will be voided.



This symbol indicates that the relevant electrical product or battery should not be disposed of as general household waste in Europe. To ensure the correct waste treatment of the product and battery, please dispose them in accordance to any applicable local laws of requirement for disposal of electrical equipment or batteries. In so doing, you will help to conserve natural resources and improve standards of environmental protection in treatment and disposal of electrical waste (Waste Electrical and Electronic Equipment Directive).



Products with the CE marking comply with the EMC Directive (2004/108/EC) and the Low Voltage Directive (2006/95/EC) issued by the Commission of the European Community.

Hereby, STL Group BV, Ankerkade 20 NL 5928 PL Venlo, declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

The declaration of conformity may be consulted at

<http://www.lenco.eu/supportfiles/CE/555df44g4fsghv465.pdf>

This product operates at 2400 - 2483.5 MHz and is designated only to be used inside a normal household environment. This product is suited for this purpose within all EU counties.

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