
CT1002
Preliminary Spec
2011-06-29

Table of Content

I - GETTING STARTED

Important Safety Precautions	3
Cleaning the Panel	4
Cleaning the Personal Touch Tablet	4
Introduction	4
Buttons Overview	5
Accessories	5
What's in the Box	6
Charging the Battery	6
Power On/Off and Unlock Tablet	6

II - FUNCTIONING OF THE TABLET

Navigation	7
Home Screen	7
Application Launcher Screen	7
Status Bar	8
Onscreen Keyboard	9

III - SETTINGS

Set Up Wi-Fi Connection	10
Set Date and Time	11
Set Up Email	12
Set Up Calendar	13
Create Shortcuts on Home Screen	11
Create Widgets on Home Screen	14
Change Wallpapers	14
Install Third-Part Applications from micro SD	15

IV - CONNECTIONS

Browser	16
Wi-Fi	17
Bluetooth	17
PC Connection	18
Connect to TV set	19

V - APPLICATIONS

Camera	20
Clock	21
Calculator	22
Gallery	23
Music	24
Video Player	25
File Browser	26

VI - Product Specification 27

Trademark	30
Recycling	30
Declaration of Conformity	26

I - GETTING STARTED

Important Safety Precautions

Always follow these safety precautions when using your Personal Touch Tablet. This will reduce the risk of fire, electric shock and injury.

Warning: To reduce the risk of fire or shock hazard, do not expose this product to rain or water.

Warning: Keep the product away from direct sunlight and heat source.

Warning: To prevent the risk of electric shock, do not remove the cover. Do not disassemble, repair or modify the product by yourself. There are no user-serviceable parts inside.

- Unplug the Personal Touch Tablet before performing maintenance.
- Keep your Personal Touch Tablet out of direct sunlight and heat sources.
- Protect the power cord. Route power cords so that they are not likely to be walked on or pinched by items placed on or against them. Pay particular attention to the point where the power cord is attached to the Personal Touch Tablet.
- Only use the AC adapter included with the Personal Touch Tablet.
- Unplug the power cord from the outlet when the unit is not in charging condition. Only use accessories provided in the package.
- Prevent the product from drops or strong impacts.
- Please backup any important data, repair or other causes may result in data loss.
- Do not disconnect the device during memory formatting or file transfer operations. Otherwise, it may cause program failure or files damage.
- Do not dispose the product in fire to avoid explosion as the product contain rechargeable battery.

WARNINGS!



- Do not turn up the volume too high, doctors warn against prolonged exposure to high volume.
- Stop using the product or lower the volume if you feel your ears ringing.
- Excessive sound pressure from earphones and headphones can cause hearing loss.
- A pleine puissance, l'écoute prolongée du baladeur peut endommager l'oreille de l'utilisateur.
- Earphone maximum output voltage : <150mV

Cleaning the Panel

Treat the screen gently. The screen is made of glass and can be scratched or broken. To clean fingerprints or dust from the screen, it is recommended to use a soft, non-abrasive cloth such as a camera lens cloth to clean the screen.

Cleaning the Personal Touch Tablet

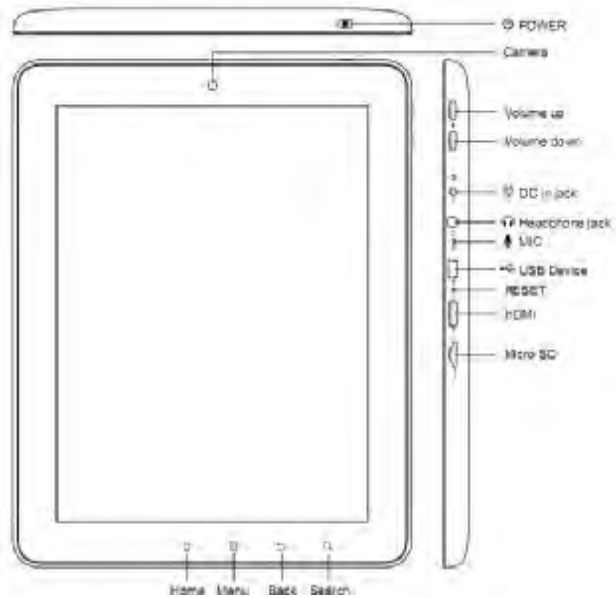
Clean the outer surface of the Personal Touch Tablet (excluding the screen) with a soft cloth.

Introduction

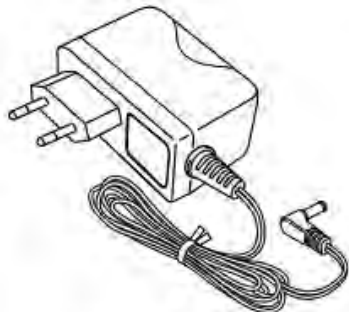
Welcome to the Personal Touch Tablet! The Personal Touch Tablet includes these key features:

- Displays Alarm, AppInstaller, Browser, Bluetooth, Calculator, Calendar, Camera, Clock, Email, File Browser, Gallery, HDMI Switch, Music, Setting, Video Player and etc
- Displays digital photos, Play Music and Video
- Wi-Fi function to connect with your access point router for internet browsing
- Micro Secure Digital™ (micro SD) slot for external storage
- Capacitive touch screen for all user operations
- 4GB Internal Memory
- USB2.0 OTG for connection to the PC or USB flash drive

Buttons Overview

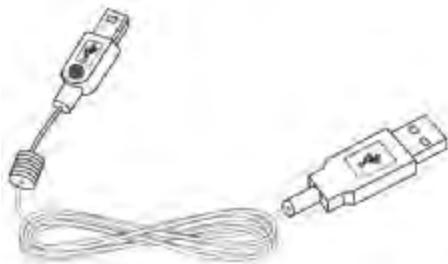


Accessories



AC Power Adapter (12V/2A)

Power Adapter (depending on the regional requirement, the plug may look different)




USB Cable

What's in the Box

Personal Touch Tablet
AC Power Adapter
USB Cable
Quick Start Guide

Charging the Battery


Plug the AC power adapter into the Personal Touch Tablet and into a wall outlet. Icon  will be turn flashing with charging sign while the battery is charging. When charging is completed, the battery icon will turn into a steady green.

* It is strongly recommended you fully charge the device for about 4-6 hours before use.

Power on/off and Unlock Personal Touch Tablet

The Personal Touch Tablet is easy to set up. Just follow these steps:

1. To power on the device, press and hold Power button for 3 seconds to turn on tablet.
2. Wait until a screen with a lock and speaker icon show up, gently tap the "Lock" icon and slide it toward the speaker icon to unlock tablet.
3. To power off the device, press and hold the Power button for 2 seconds until a MID options message show up on screen where you can choose Power off option to power off the device.

Note: The screen with the lock icon will time out in 10 seconds if you do not unlock it. In case it happens, the Power button  can be pressed briefly to make it show up again.

II - FUNCTIONNING OF THE TABLET




Navigation

Tablet has five home screens by default. You can tailor shortcuts or widgets to home screen to fit your needs by using Add to Home screen function. For more information, refer to “Create Shortcuts on Home Screen” on page 14.

Home Screen



A typical Home screen with wallpaper, status bar, and few applications at the bottom.

- ◆  A shortcut to browser
- ◆  A shortcut to application Launcher screen.
- ◆  A shortcut to system Settings

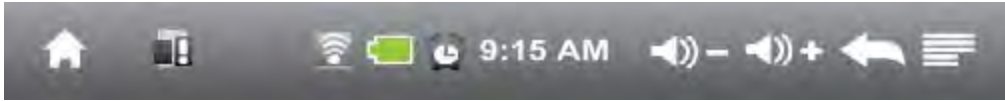
Application Launcher Screen











A typical application Launcher screen is shown below. One icon represents one application which can be run by tapping on the icon.



Status Bar


On the top corner of the screen, the status bar mainly indicates Home icon, Wi-Fi status, battery level, current time and volume, etc.

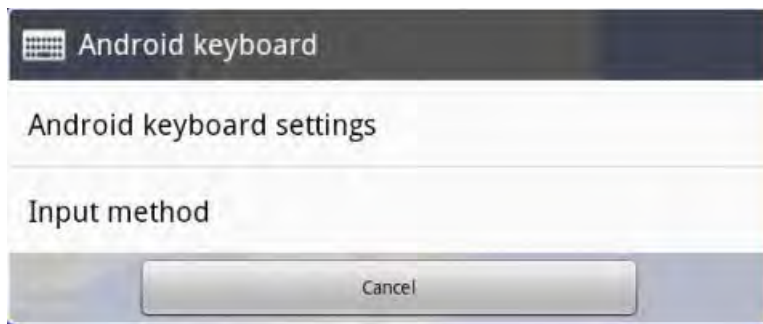


Icon	Action
	On any functional screen, tap this icon to go to Home screen
	Shows the status of micro SD (this icon shows micro SD is removed.)
	Wi-Fi connection and signal strength
	Battery level. Will turn orange when battery is low and turn red when battery is very low.
	Indicates alarm clock is turned on
	Current time
	Volume down
	Volume up
	On any functional screen, tap this icon to go back one screen or exit application.
	Tap this icon to open a contextual menu screen. The available options will vary, depending on what application is running on the screen.

Onscreen Keyboard

The onscreen keyboard appears automatically anytime you tap on a text line for input. While entering text with the onscreen keyboard, each character will be entered into the position pointed by a vertical cursor. You can change the cursor position by tapping with your finger on the position you want to enter the next character. To

select different language keyboard, touch and hold the onscreen key . A pop menu will show up to let you select the “Input Method”



*Setting up an International keyboard: see “Install Third-Part Applications from micro SD” section.

III- SETTINGS


Set Up Wi-Fi Connection



Make Wi-Fi Connection In Settings à Wireless & networks à Wi-Fi Settings, check on the Wi-Fi to turn on the Wi-Fi.



Normally, the device will automatically scan the available Wi-Fi Access Point (AP). If this does not happen, press Menu (upper right corner icon in the Status bar) and select Scan to scan for the available Wi-Fi APs. Then, tap on the desired AP to make the connection. If it is a secured AP, system will prompt you for the password. Enter it by tapping on the password entry line, and use the onscreen keyboard to enter the password. Then, tap on the Connect to start connecting to that AP.

When connection is established, the Wi-Fi connected icon  will show up on the status bar.

Set Date and Time



Use Settings → Date & Time to open up the date/time setting screen as shown below. Select the correct time zone. If the Wi-Fi is connected to Internet, check on the Automatic to have time set up automatically. If Wi-Fi is not connected to Internet, uncheck Automatic to temporarily set date and time. Then, check Automatic again before leaving the screen. In the future, when the Wi-Fi is connected to internet, date and time will be automatically adjusted.









Set Up Email



You can configure Email for most accounts in just a few steps. For many popular email services, tablet automatically enters most of the settings for you.

1. Make sure the Wi-Fi is connected.
2. Open the Email application and enter your Email address and password, then tap “Next”
3. Give a name to your account then tap “Done”. Mail messages will be downloaded automatically.

Tap  to show function bar at the bottom of the screen

Icon	Action
	Refresh
	Tap to enter E-mail compose interface
	Tap to enter mailbox interface
	Tap to enter your accounts viewing To remove your account record in tablet, touch and hold your account address > Tap Remove account.
	Account settings

Set Up Calendar



Calendar makes you easy to stay on schedule. You can view your schedule by day, week, and month.

When using calendar for the first time, there are some steps you shall follow:

1. Tap Calendar icon into Gmail entering interface, then enter your Gmail account and password and tap Next.
2. Erase “\” icon in front of your Domain\Username.
3. Change the Serve “gmail.com” for “m.google.com” , then tap next step.

In Account options, you can adjust: Email checking frequency and Amount to synchronize and so on.

Tap on the specific date to start using your personal calendar now.

Tap to show function bar at the bottom of the screen.

Icon	Action
	Show all schedules sorted by Day
	Show all schedules sorted by Week
	Show all schedules sorted by Month
	Show all schedules sorted by specific Agenda
	Show all schedules sorted by today
	Show more options: New event \Calendars\ Settings

Create Shortcuts on Home Screen

In order to access to frequently used applications more quickly, you can create a shortcut to an application and place it on the Home screen. Therefore, you don't need to spend to look for it among the many applications on the Launcher screen.



There are two ways to make shortcuts:

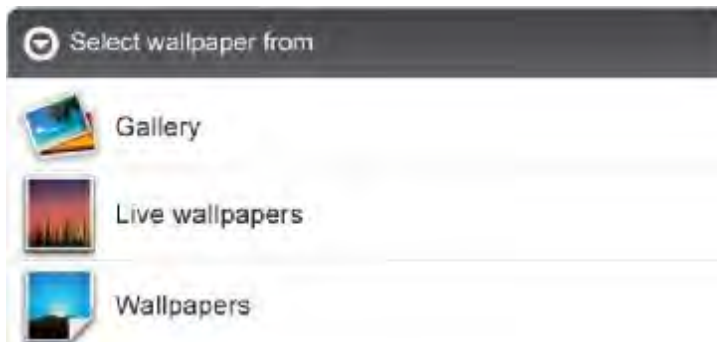
1. Tap any blank space on Home screen and hold until a pop out menu shows up. Then, you can select Shortcuts to add to the Home screen.
2. Press the application icon in the Launcher screen and hold until the icon is enlarged and background has been changed to Home screen. Then, drag the enlarged icon to an empty space on Home screen and release the finger.

Create Widgets on Home Screen

Widget is a small application. After being installed, it does not show up in the Application Launcher screen. However, using the same method as creating shortcuts on Home screen, widgets can be put on the Home screen, and be launched by tapping on the widget icon.

Change Wallpapers

In Add to Home screen menu tap Wallpapers, then a submenu shows up. You can select wallpaper from your Gallery/ Live wallpapers/ default Wallpapers.



Install Third-Part Applications from micro SD



AppInstaller can be used to install the application file (with extension apk) into the system.

1. Change the Settings to allow third-party application installation. In Settings → Applications → Unknown sources, check the box to the right.
2. Prepare the application files in a micro SD card and insert the micro SD card.
3. Launch the AppInstaller application on the application launcher screen. The system will scan for the installation files in the SD. Find the application you want to install from the list and tap on it. The installation process will start. Follow the screen instruction to complete the installation.

V - CONNECTIONS


Browser



Browser is used for browsing the World Wide Web. With the web browser plug-ins, you could browse websites to watch videos, download contents, and listen to music etc.



1. Tap the address field (in the title bar) to bring up the onscreen keyboard, enter website address, then tap Go.
2. Similar website previously browsed or key work previous searched will appear beneath the address field. You can tap them to go to the web site listed or search the key word.
3. Double tap on screen to zoom in and zoom out. Moving fingers across the screen will pan the screen up, down, left or right.

Tap Menu button  at the right-upper corner to display additional functions at the bottom of the screen.

Wi-Fi

This tablet uses the 802.11b/g/n wireless specification to transmit and receive data. For more information, refer to “Set up Wi-Fi Connection” on page 11.

Bluetooth

Bluetooth is a short-range communications technology that enables you to link to other devices for exchanging information without a physical connection.

Make Bluetooth Connection In Settings → Wireless & networks → Bluetooth, check

on the Bluetooth to turn it on. Icon  will display when Bluetooth is active.



Setting up Bluetooth is similar to setting up Wi-Fi. Normally, the device will automatically scan the available Bluetooth devices. If this does not happen, tap Scan for devices for the available Bluetooth device. Then, tap on the desired device for a while to show Pair & connect, and enter a PIN to pair with this Bluetooth to make the connection. Tap on the OK to start connecting to that Bluetooth.

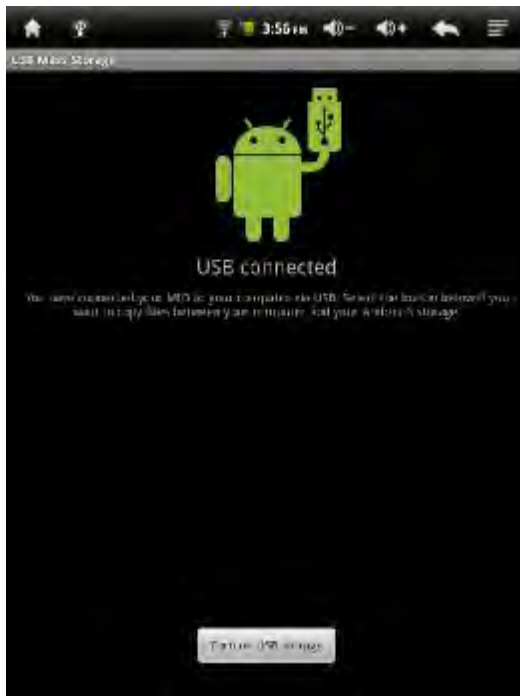
When connection is established, you may start exchanging information now.

*Insert a TF card before storing information.

PC Connection

Connect your tablet to a PC via USB cable. By connecting tablet to PC, you can synchronise files or transfer data directly.

1. Plug one end of a USB cable to a tablet and plug the other end to a PC, then you will see a screen as below. Tap Turn on USB storage to connect to PC.
2. For a better use of your tablet, tap Turn off USB storage every time you unmount USB storage.




Connect to TV set



HDMI switch can switch your video display from tablet to a TV or monitor with HDMI input. While the tablet screen is shown on TV or monitor, tablet will become a touch pad for all operations, including switching video display back to the tablet screen.

To switch the video display from the tablet screen to a TV or Monitor equipped with HDMI input

1. Plug one end (larger end) of the HDMI cable into one of the TV/monitor HDMI inputs, and plug the other end to tablet HDMI output.
2. Choose the correct input source setting on TV/monitor. Wait until the HDMI icon  shows up on the status bar, and indicates “HDMI connected”.
3. Open the HDMI Switch application. Tap on a compatible video format the TV/monitor can accept. If you don’t know which one to use, the best guess is to tap on the 720p (or 480p for older HD Ready TV).
4. Wait for a few seconds, the tablet video will show up on the TV/monitor screen.
5. Slide your finger on the tablet screen to move an arrow to the OK button, and double tap the tablet screen to apply the selection.
6. From this moment on, until your use the HDMI Switch application to switch the video back to tablet screen or disconnect the HDMI cable, you can use the following gestures to perform all the operations.
 - Finger move ---- move arrow cursor on the TV/monitor
 - Double tap ---- select/open the item pointed by the arrow
 - Double tap and quick move – slide the screen, scroll a list or move the tapped icon.
 - Double tap and hold -- equivalent to the long press of an item when video display is on the tablet screen.
7. To switch back to the normal video on the tablet screen, simply unplug the HDMI cable


VI-APPLICATIONS

Camera



Tablet allows you to take photos and video through the front camera. You can take photos at resolution up to 800 x 600 pixel (0.3 megapixels) and videos at resolution up to 354 x 288 pixels. The application requires external micro SD card to run. The picture taken and video recorded will be store in the external micro SD card. Be sure to insert the micro SD before using this application.

To take picture:







Make sure mode switch is set to  , the photo mode.

Tap on the shutter button  to take a picture.

To record video:

Make sure mode switch is set to  , the video recording mode.

Tap on the Recording button  to start video recording.

Icon	Action
	Exposure \ Picture size \ Picture quality \ Color effect \ Camera settings submenu
	White balance submenu for different light environment
	Zoom submenu
	Video recording mode
	Photo mode
	Tap to take picture or start video recording. Photo or video will be saved in the micro SD card automatically. After photo is taken or recording, tap the square icon on upper-right corner of the screen to review.






Clock




Tap on clock icon. The following screen will be shown. You can tap on the icon at the bottom screen to adjust alarm settings, play photo slideshow, play music or go back to Home screen.

The icon at the upper-right corner can be used to adjust the brightness of the panel.



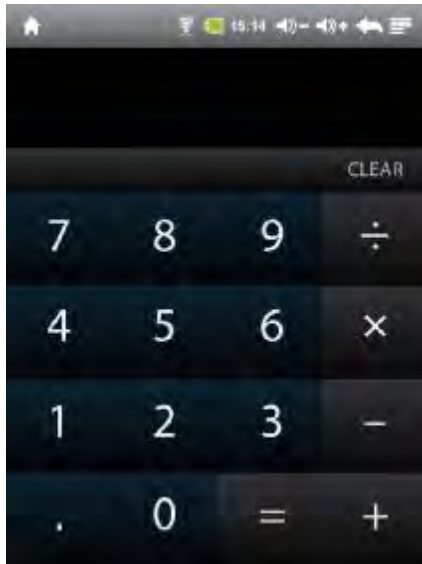
Icon	Action
	Adjust alarm clock
	Play photo slideshow of internet memory or micro SD
	Play music
	Exit to Home screen
	Adjust panel brightness


Tap Menu button  at the right-upper corner to display additional functions at the bottom of the screen: Set alarms, Add alarm or Set the docking (not available now).



Calculator



To perform mathematical calculation directly on tablet by tap numbers and symbols.



Tap  to show function bar at the bottom of the screen






Icon	Action
	Clear history of calculation
	Show advanced panel

Gallery



Tap on “Gallery” in Launcher screen to open the application.

1. The first screen shows all photos and subfolders located in the Pictures folder.
2. Tap Pictures folder into photo thumbnail mode. (Default view)
3. Tap a thumbnail into photo single view mode.
4. When in photo single view mode, tap anywhere on screen to show function bar on screen.

Icon	Action
	Tap to start sliding photos
	Go to more options
	Share photos by Bluetooth or Email
	Delete photo
	Go to more options: Details of photo/ Set as wallpaper/ Crop photo/ Rotate option: Right/ Left







Music




Tap “Music” in the application launcher screen to get to the song screen as below:



Select the song, album, artist or playlist to play music. Use the onscreen icons to configure how you want to play the songs.

Icon	Action
	Show playing list
	Turn shuffle on/off function
	Repeating all songs, current song or Off
	Previous song
	Pause/ Stop
	Next song

Note: Song will keep playing as background music while you leave the music playback screen. This function allows you to browse files, view photos and surf Internet while listening to music. To stop playing songs, tap on Pause on the music playing screen followed by the Back button.

Tap  on status bar to select other functions to play the song.

Video Player



1. Tap “Video Player” in the application launcher screen.
2. Browse the micro SD or internal memory to find the video file to play.
3. Tap video file to start playing video.
4. While playing video file, tap anywhere on screen to display the control bar as below.
 Drag the yellow bar to fast forward or backward view video.



Icon	Action
	Back to previous menu
	Move to previous video
	Fast reverse
	Play/Pause
	Fast forward
	Move to next video
	Show more options

Additional options in the control bar are:









Icon	Action
	Back icon
	Resume Mode
	Repeat all or Repeat one
	Audio Track
	Subtitle
	Adjust the size of screen display format: Normal/ Full Screen/ 4:3 / 16:9
	Adjust screen brightness: 1/2/3/4

File Browser



In main screen, tap FileBrowser to choose your options first:
Internal Memory / SD Card.

Icons on FileBrowser

	Back to Device List interface
	Multiple select / open mode
	Edit file: Cut/Copy/ Paste/Delete
	Sort file: Sort by name/ Sort by date/ Sort by size
	Back icon
	Change between thumbnail mode and list mode interface
	Help mode
	Close FileBrowser

VII-Product Specification

Specifications:	
General	
Model Number	CT1002
Panel Size/Type	10" TFT capacitive touch panel
Aspect Ratio:	4:3
Resolution:	1024 x 768
Brightness	180 nits (with touch lens)
Processor	ARM Coretex-A9, 800MHz
Operation System	Android 2.2.1
Storage	
Internal memory	512MB DDR2
NAND Flash	4GB
External SD card	Micro SD up to 32GB
Support Format	
Video	MPEG 1/2/4, H.264/VC-1 @1080P RealVideo 8/9/10 @720P
Audio	MIDI, MP3, WMA, AAC
Images	JPEG, BMP, GIF, PNG
Connectivity	
External 3G dongle	Support
WIFI	802.11 b/g/n
Bluetooth	V2.1 + EDR class 2 compliant
Webcam	0.3 Mega pixel
HDMI	1.3
USB OTG	USB OTG 2.0 x 1
Stereo Speaker	1W x 2
Microphone	Built-in
Earphone	3.5mm Stereo Jack
Sensor	
Gravity	3-axis g-sensor
User Interface	
Hardware Keys	Power, Vol+, Vol-
Virtual	Full Touch Screen /Touch Button/Virtual keyboard
Dimension/Weight/Condition	
Dimension :	249 x 196 x 13.5 mm
Weight	660g

Operation Condition	0°C ~ 40°C
Storage Condition	-20°C ~ 55°C
Power	
Battery :	Li-Polymer Rechargeable 7.4V/3000mAh
	Standby time : 80 hours
	Video Playback : 4.5 hours
AC/DC Adapter	100Vac~240Vac, 0.5A, 50Hz-60Hz, 12V/2A For EU - Model: ADS-24S-12 1224GPG For US - Model: ADS-24S-12 1224GPCU

TRADEMARK

Carrefour is a registered trademark of Carrefour group. All other company names are trademarks, registered trademarks or service marks of their respective owners.

RECYCLING

This product bears the selective sorting symbol for waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European Directive 2002/96/EC in order to be recycled or dismantled to minimize its impact on the environment. For further information, please contact your local or regional authorities. Electronic products not included in the selective sorting process are potentially dangerous for the environment and human health due to the presence of hazardous substances.



Declaration of Conformity

Hereby, Carrefour declares that this device (WiFi) is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. The declaration of conformity may be consulted at: CMI - 2 Avenue du Pacifique - Les Ulis - 91940 COURTABOEUF Cedex FRANCE

Par la présente, Carrefour déclare que l'appareil (WiFi) est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.

Une copie de la Déclaration de Conformité peut être obtenu en écrivant à l'adresse suivante : CMI - 2 Avenue du Pacifique - Les Ulis - 91940 COURTABOEUF Cedex FRANCE



Restriction dans la communauté européenne.

Pour un usage en intérieur seulement.

Approvato esclusivamente per uso in locali chiusi. L'utilizzo all'esterno dei propo locali è subordinato al rilasci di un'autorizzazione generale.

Déclaration de conformité :

Utiliser cet appareil avec les écouteurs inclus. Cela permet d'assurer le respect de la puissance sonore maximale fixée par l'article L5232-1 du Code de la Santé Publique français. Pour en savoir plus sur l'écoute sans risque consulter la rubrique des précautions d'emploi dans le manuel.

FCC Statement



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.

***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.**

Caution: the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Rev 1.0