



Personal Touch Tablet/MID
Preliminary Spec
2011-09-30

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I - GETTING STARTED

Important Safety Precautions

Always follow these basic 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: To prevent the risk of electric shock, do not remove the cover. There are no user-serviceable parts inside. Opening will void your warranty.

- 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. Using any other power adapter will void your warranty.
- Unplug the power cord from the outlet when the unit is not in charging condition.

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.

If you use a commercial Cleaning Kit, do not apply the cleaning liquid directly to the screen. Clean the screen with cleaning cloth moistened with the liquid.

Cleaning the Personal Touch Tablet

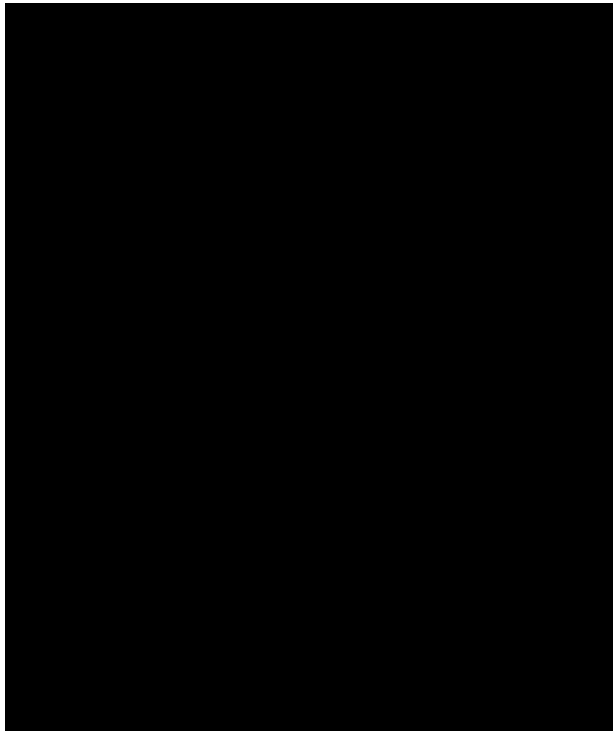
Clean the outer surface of the Personal Touch Tablet (excluding the screen) with a soft cloth dampened with water.

Introduction

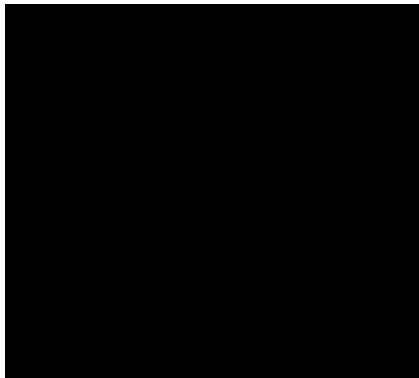
Welcome to the Personal Touch Tablet! The Personal Touch Tablet includes these key features:

- Displays Alarm, AppInstaller, Browser, 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 AP 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

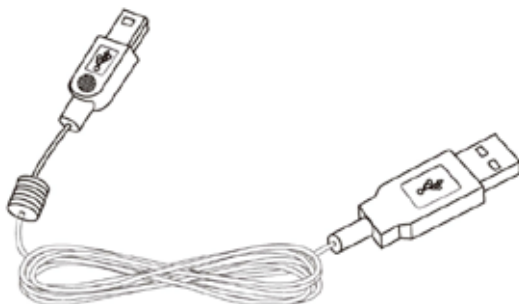
Buttons Overview



Accessories



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 (5V/2A)
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.
- * **When charging battery, the better indicator for a fully charged battery is a steady green battery icon on the notification bar. A flashing battery icon means the battery is still being charged, even when 100% has been displayed for battery level on the Settings → About device→Status screen.**

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 2 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.

* The background wallpaper may be different from model to model

◆  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.



*The screen icon may be different from model to model

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
	Shows 3G signal status (optional)
	Battery level. Will turn orange when battery is low and turn red when battery is very low.
Thur 08/11/2011 2:53	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 text line. 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 → Wireless & networks → 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 up 3G Function (Optional)

1. In Mobile networks of Wireless & network settings, make sure the Data enabled is checked on before you connect to the mobile network.
2. To enable 3G function of your Personal Touch Tablet, insert a SIM card to the Personal Touch Tablet. After power on, it will search for 3G signal automatically.
3. When connection is established, the 3G connected icon  will show up on the status bar.
4. In Access Point Names, select your favor APN.

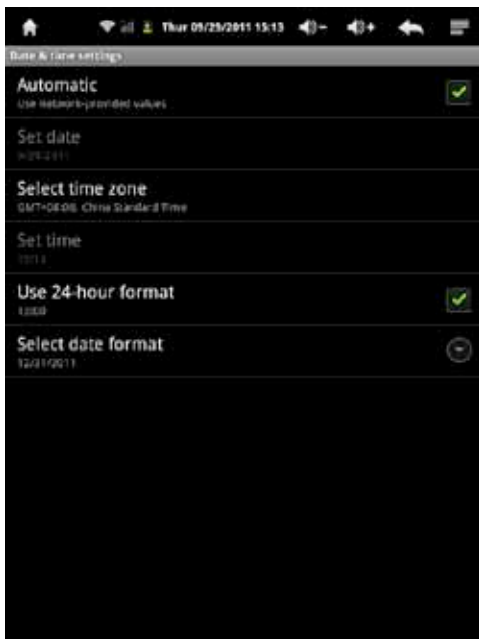
*Roaming date may incur significant roaming charge.

*3G Dongle is not available if built-in 3G Module was inserted.

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.

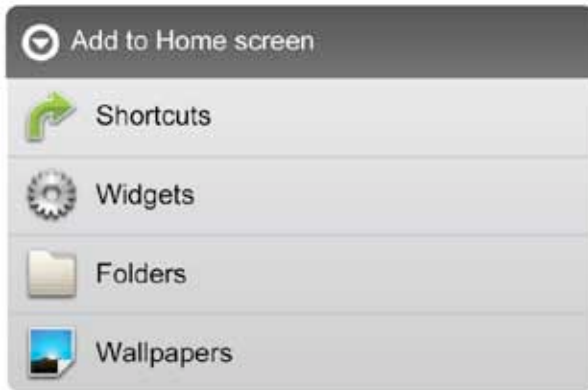
Tap on the specific date to start using your personal calendar now.

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 short cut 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.

IV- 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 10.

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 (optional, some models have no HDMI)



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


V -APPLICATIONS

Camera (Optional, some models have no 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.



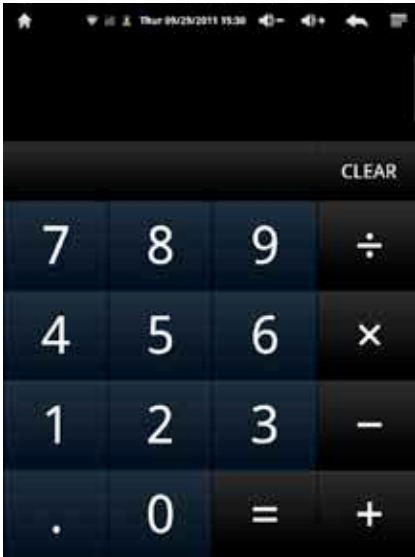
Icon	Action
	Adjust alarm clock
	Play photo slideshow of internet memory or micro SD
	Play music
	Exit to Home screen
	Adjust panel brightness


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

Downloads



Files, applications and other items you download from Browser or Email will be stored in your micro SD card. Use the Downloads application to view, reopen or delete what you've downloaded.

1. Touch an item in Downloads can reopen it.
2. Check items you want to delete; then tap Delete. The item will be deleted from your micro SD card.






Tap icon  on upper right corner of the screen → Tap Sort by size or Sort by time to switch back and forth.

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.

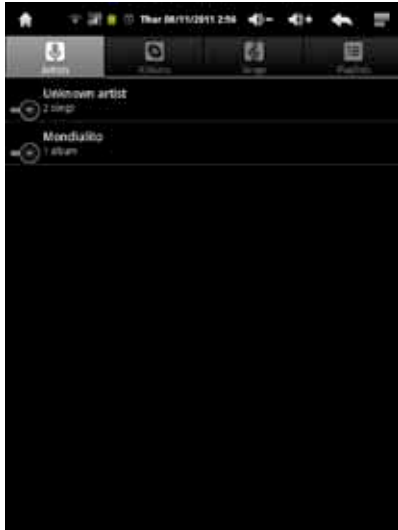
Icon	Action
	Tap to start sliding photos
	Go to more options
	Share photos by Bluetooth or Email
	Delete photo
	Go to more options: Details of photo/ Set as wallpaper/ Crop photo/ Rotate option: Right/ Left

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
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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

VI - LICENCE NOTICE AND TRADEMARK ACKNOWLEDGEMENT

Manufactured under license from Dolby Laboratories.

Dolby and the double-D symbol are trademarks of Dolby Laboratories.

VII- PRODUCT SPECIFICATION

Specifications:	
General	
Panel Size/Type	7" TFT capacitive touch panel
Aspect Ratio:	4:3
Resolution:	800 x 600
Brightness	300 nits (with touch lens)
CPU	ARM Coretex-A9, 1GHz
OS	Android 2.3.4
Storage	
Internal memory	512MB DDR2
NAND Hash	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 (Optional)
3G Module	Support (Optional)
WiFi	802.11 b/g/n
Bluetooth	V2.1 + EDR class 2 compliant
Webcam	0.3 Mega pixel(Front) 2.0 Mega pixel(Back)
HDMI	1.3
USB OTG	USB OTG 2.0 x 1
Stereo Speaker	0.5W x 2
Microphone	Built-in
Earphone	3.5mm Stereo Jack
Sensor	

G-sensor	3-axis
Light Sensor	Support
Gyro	Support
User Interface	
Hardware Keys	Power, Vol+, Vol-
Virtual	Full Touch Screen /Virtual keyboard
Dimension/Weight/Condition	
Dimension :	186 x 141 x 12.5 mm
Weight	420g
Operation Condition	0°C ~ 40°C
Storage Condition	-20°C ~ 55°C
Power	
Battery :	Li-Polymer Rechargeable 3.7V/4000mAh
	Standby time : Up to 150 hours
	Video Playback : Up to 5.5 hours
AC/DC Adapter	100Vac~240Vac,0.5A, 50Hz-60Hz, 5V/2A

FCC RF Exposure Information and Statement

The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue.

Device types: PTT-726A(FCC ID:ZIG-PTT726A) has also been tested against this SAR limit.

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: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications 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.