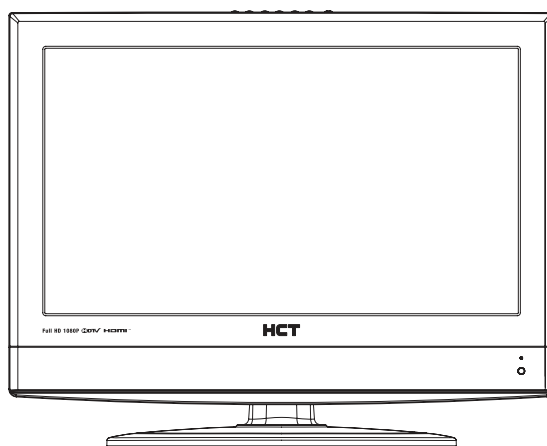




OWNER'S MANUAL for HLD-22HCB

Full HD 1080P LCD Television



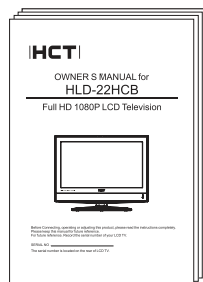
Before Connecting, operating or adjusting this product, please read the instructions completely.
Please keep this manual for future reference.
For future reference. Record the serial number of your LCD TV.

SERIAL NO . _____

The serial number is located on the rear of LCD TV.

Supplied Accessories

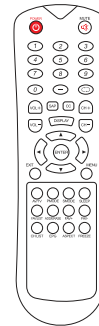
Make sure following accessories are provided with the product



Owner's Manual x 1



Warranty Card x 1



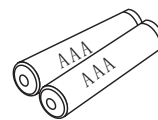
Remote Control x 1



Power cord x 1



Plug adaptor x 1
(UL TO VDE)



1.5V(AAA) Batteries x 2

Introduction

Thank you for purchasing our LCD TV / PC Monitor.

We hope you have many years of trouble free enjoyment from it.

Please ensure you read this user manual prior to attempting to operate the TV and keep it safe for future use.

INSTALLATION AND SAFETY WARNINGS

- 1) Position the unit on a flat surface avoiding anywhere which may be subject to vibration.
- 2) It is advisable to un-plug both the power and aerial during a storm to avoid damage.
Electrical surges causing damage to the TV are not covered under the manufacturer's warranty.
- 3) Avoid rapid changes in environmental or temperature conditions. Allow the TV to reach room temperature and avoid locating near heat sources, i.e radiators/fires.
- 4) Do not place naked flames, such as candles or night lights near to the TV.
- 5) Do not place ornaments or vases near the TV where liquid spillages could cause a danger.
- 6) Do not locate the TV directly against a wall where it could restrict ventilation to the rear of the TV
- 7) Do not place the TV on or near appliances which may cause electromagnetic interference (such as TV or Hi-Fi Speakers) as these could cause a distorted picture or sound.
- 8) Batteries are a potential choking hazard. Do not allow young children to remove the battery compartment cover on the remote control.
- 9) There are no user serviceable parts inside this TV. Do not remove any of the covers, front or rear, that could expose high voltages from within the TV set.
- 10) If you intend to leave the TV for long periods of time, in the interests of energy consumption, do not leave the TV in standby mode, instead, unplug the TV from the power supply.
- 11) Never display the same image on the TV for long periods of time as this could cause a permanent after-image to remain on the screen. This is called 'screen-burn'.
This may also be caused by some channels displaying a static logo in the corner of the screen. Be sure that your chosen channels have constantly moving images to avoid this irreparable damage.

Warning



Warning

Risk of electronic shock
Do not open



**Warning: To Avoid the risk of electric shock.
Do not remove cover (or back).
No user-serviceable parts inside.
Refer servicing to qualified service personnel.**



This symbol is intended to alert the user to avoid the risk of electric shock, do not disassemble this equipment by anyone except a qualified service personnel.

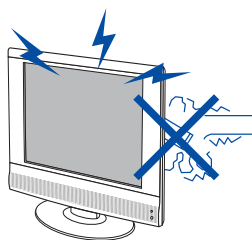


This symbol is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.

Attention:

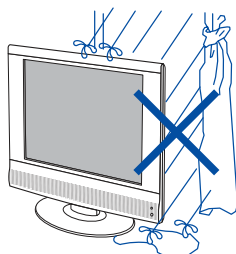
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution



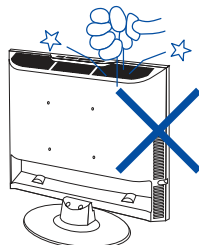
Caution

High voltages are used in the operation of this product. Do not remove the cabinet back from your set. Refer servicing to qualified service personnel.



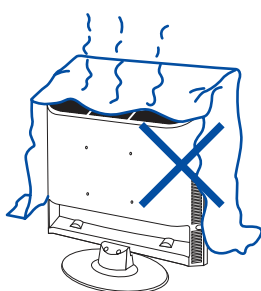
Caution

To prevent fire or electrical shock hazard, Do not expose the main unit or moisture.



Caution

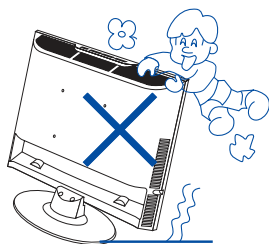
Do not drop or push objects into the television cabinet slots or openings. Never spill any kind of liquid on the television receiver.



Caution

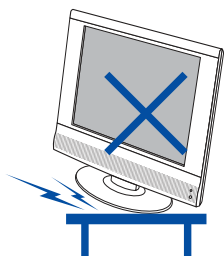
Avoid exposing the main unit to direct sunlight and other source of the heat. Do not stand the television receiver directly on other produces which give off heat. E. g. video cassette players, Audio amplifiers. Do not block the ventilation holes in the back cover. Ventilation is essential to prevent failure of electrical component. Do not squash power supply cord under the main unit.

Caution



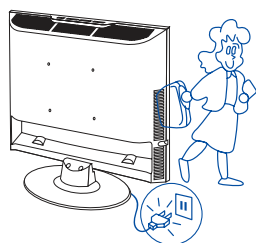
Caution

Never stand on, lean on, push suddenly the product or its stand. You should Pay special attention to children.



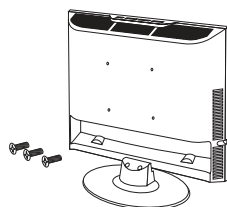
Caution

Do not place the main unit on an unstable cart stand, shelf or table. Serious injury to an individual, and damage to the television, may result if it should fall.



Caution

When the product is not used for an extended period of time, it is advisable to disconnect the AC power cord from the AC outlet.



Caution

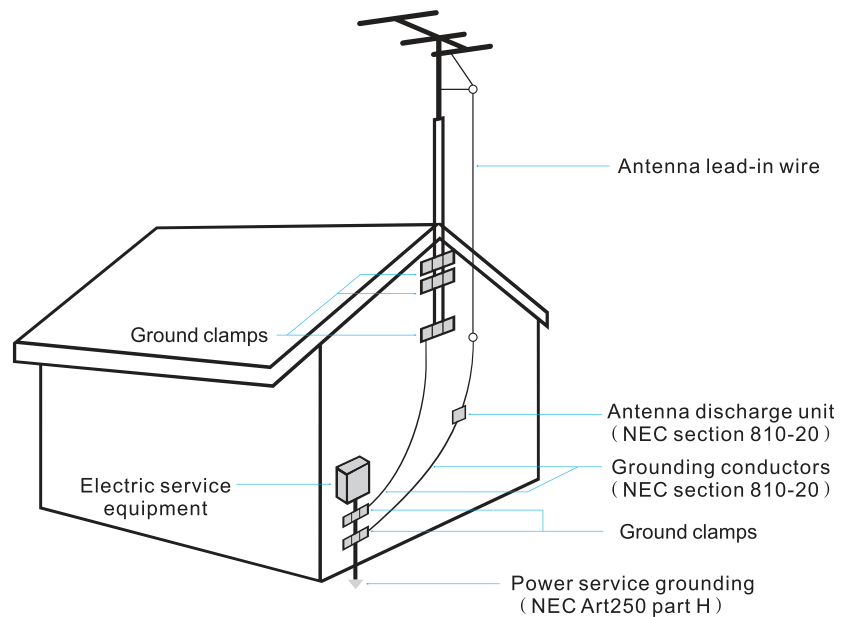
Length of screw for wall mount can not exceed 10MM.

Example of outdoor antenna grounding

If an outdoor antenna is connected, follow the precautions below

- An outdoor antenna should not be located anywhere that can be in contact of overhead power lines, or any other electric light or power circuits.
- When installing an outdoor antenna system, extreme caution should be taken to prevent contact with power lines. Direct contact with power lines may be fatal and should be avoided at all costs.

Section 810 of National Electrical Code (NEC) provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.



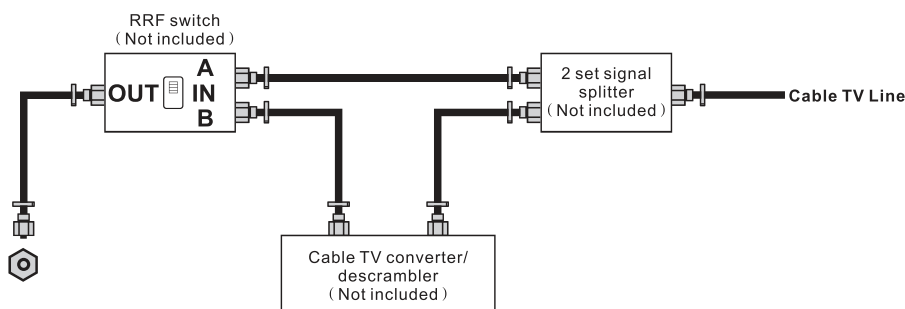
NEC: National Electrical Code

Cable TV (CATV) connection

NOTE TO CATV SYSTEM INSTALLER

This reminder is provided to call the CATV system installers attention to Article 820-40 of the National Electrical Code (NEC) that provides guidelines for proper grounding and , in particular, specifies that the cable ground shall be connected to the grounding system of the building accurately, or as close to the point of cable entry as possible, use of this TV for other than private viewing of programs broadcasted on UHF, VHF or transmitted by cable companies for the use of the general public may require authorization from the broadcast/cable company, and/or program owner.

- A 75-ohm coaxial cable connector is built into set for easy hookup. When connecting the 75-ohm coaxial cable to the set, place the 75-ohm cable into the ANT terminal.
- Some cable TV companies offer premium pay channels. Since the signals of these premium pay channels are scrambled, a cable TV converter/descrambler is generally provided to the subscriber the cable TV company. This converter/descrambler is necessary for normal viewing scrambled channels. (Set your TV to channel 3 or 4, typically one of these channels are used. If this is unknown, consult your cable TV company.) For more specific instructions on installing cable TV, consult your cable TV company, one possible method of utilizing the covered /provided by your cable TV company is explained below.

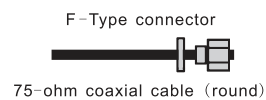


Please note: the RF switch is required to provide two inputs (A and B). (not included), A position on the RF switch (not included); you can view all unscrambled channels by using the TV channel keys. B position on the RF switch (not included); you can view all scrambled channels via the converter/descrambler by using the converter channel keys.

Outdoor antenna

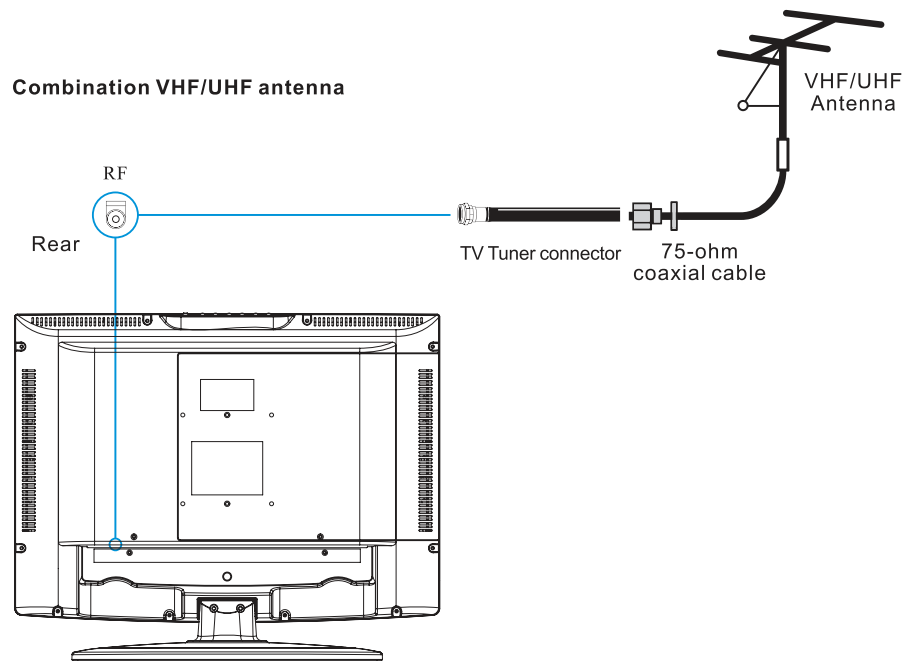
The antenna requirements for a color TV reception are more important than those for a black & white TV reception. For this reason, a good quality outdoor antenna is strongly recommended.

- A 75-ohm system is generally a round cable with F-type connector that can easily be attached to a terminal without tools (not included).

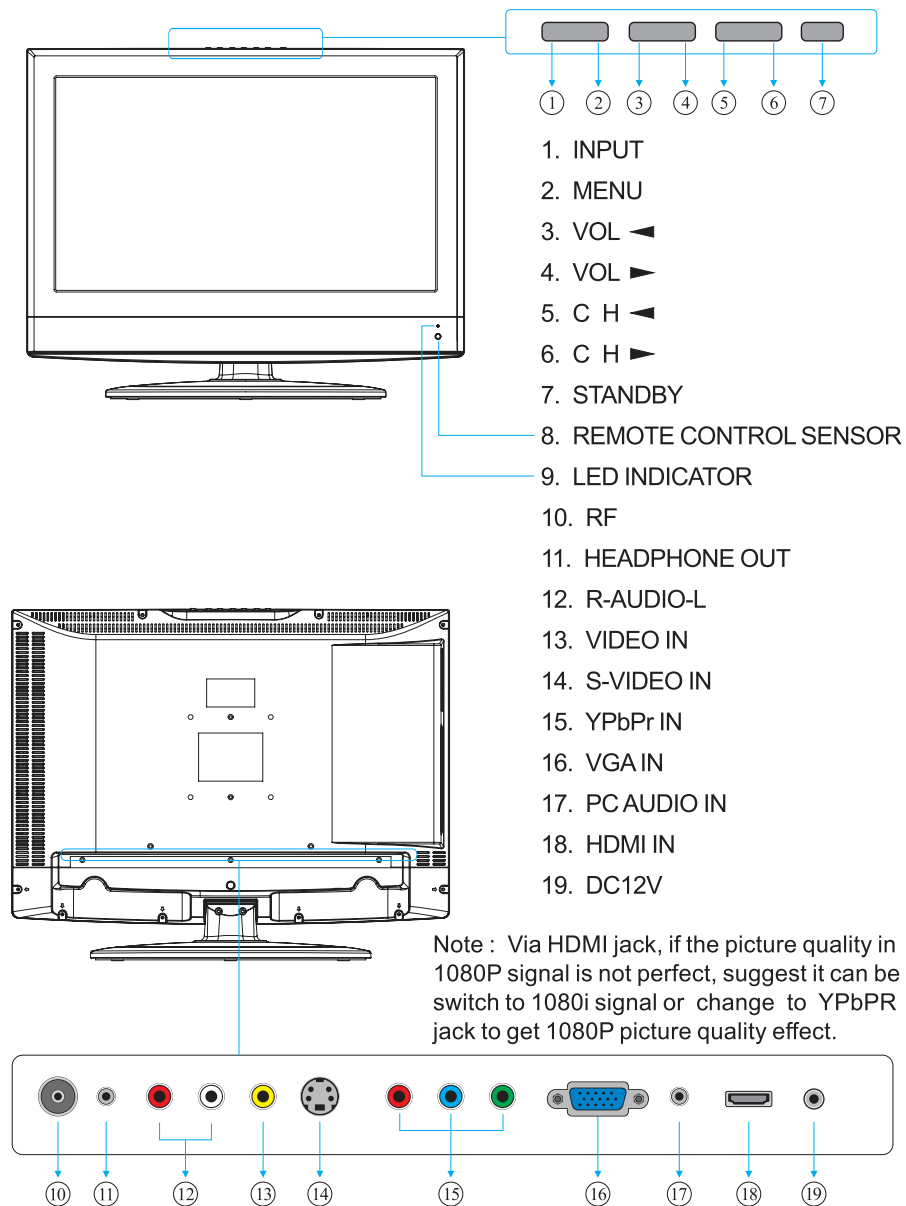


- Connect the outdoor antenna cable lead-in the ANT. Terminal located on the rear of the equipment.

Combination VHF/UHF antenna



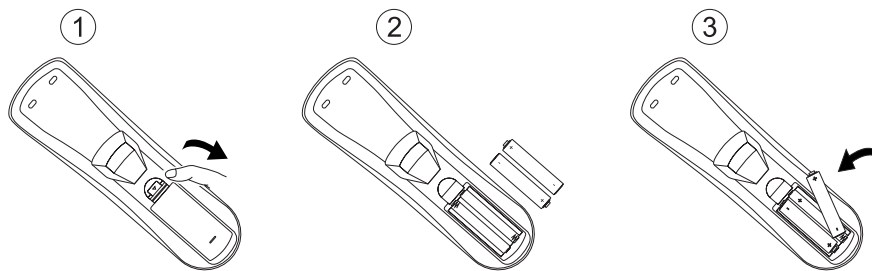
Main unit description



Remote Operation

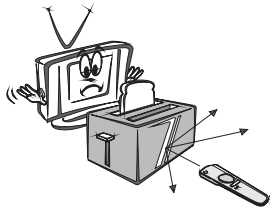
Installing Batteries

1. Slide to the direction shown as the arrow to open the cover of the batteries on the back of the remote control.
2. Load two AAA alkaline batteries in the compartment.
3. Close the cover of batteries.



Precautions

Make sure that there is no obstacle between the remote control and television set.



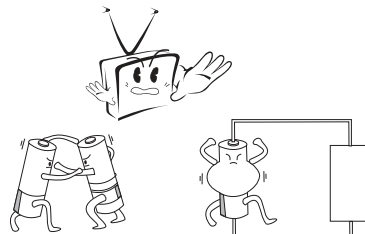
Keep the remote control away from heat source or humid area to ensure effective performance of the remote control.



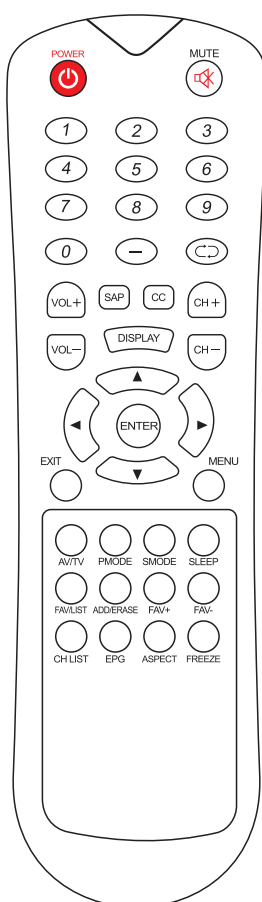
As strong light may interfere the signals, change your position to operate the remote control if the television cannot be turned on or off as you expect.



Make sure that two AAA 1.5V alkaline batteries are loaded. The batteries must be installed properly.



Remote Operation



POWER: Press to turn TV set on or off.

MUTE: Press to mute sound, press again to restore sound.

0-9: Press any number of 0~9 buttons to select a TV channel.

— : Press to select a digital sub-channel.

↶ : Return to the previous channel viewed.

VOL-/VOL+: Press to increase or decrease the volume.

CH-/CH+: Press to go to the next higher or lower channel.

SAP: Multi channel audio switch, switch MONO and SAP.

CC: Press to CC for Opening and closing.

DISPLAY: Press to display the source and channel's information.

THUMBSTICK (▲▼/◀▶) : Allows you to navigate on-screen menus and adjust system settings to your preference.

ENTER: Press to confirm selections.

EXIT: Press EXIT to exit menu or sub menu of TV.

MENU: Brings up the main menu to the screen.

AV/TV: Press to select various input sources.

P.MODE: Press to select picture modes.

S.MODE: Press to select sound modes.

SLEEP: Press to set the sleep timer.

FAV/LIST : Press this button to enter "Favorite list" menu.

ADD/ERASE: Press ADD/ERASE to add or delete Favorite channel.

FAV+: Press this button can select of down in "Favorite list" menu.

FAV -: Press this button can select of up in "Favorite list" menu.

CH LIST : Press CH LIST to display channel list.

EPG: Press to show the Electronic Program Guide menu.

ASPECT : Press to select the aspect ratio.

FREEZE : Press this button to make pictures static.

RGB Input

Model	Resolution	Horizontal Frequency (Khz)	Vertical Frequency (HZ)
DOS	720x400	31. 5	70. 0
VGA	640x480	31. 5	60. 00
VGA	640x480	37. 9	72. 0
VGA	640x480	37. 5	75. 0
SVGA	800x600	37. 9	60. 00
SVGA	800x600	47. 2	72
SVGA	800x600	46. 9	75
XGA	1024x768	48. 4	60. 0
XGA	1024x768	56. 6	70. 0
XGA	1024x768	60. 0	75. 0

Technical feature

Display	22"
Aspect ratio	16 : 9
Resolution	1920x1080
Brightness	300 cd/m ²
Contrast	1000 : 1 Dynamic Contrast
Viewing angle	160° (H); 150° (V)
Menu OSD	Multi-language (EN, FR, ES, GR)
Audio	3W+3W Stereo
Input Terminals	RF x 1 CVBS x 1 S-VIDEO x 1 YPbPr x 1 VGA x 1 HDMI x 1
Power	12V DC
Consumption	≤60W
Unit Dimension (with stand)	546x230x437mm(L*W*H)
Unit weight	4.6 Kgs
Accessories	User s manual x 1 Warranty card x 1 Remote control x 1 Power cord(UL) x 1 Battery (AAA) x 2 Plug adaptor (UL TO VDE) x 1

*The specification shown above may be changed without prior notice for quality improved.

Trouble Shooting

Before consulting service personnel, check the following chart for a possible cause of the trouble you are experiencing and for a solution.

PROBLEM	SOLUTION
TV will not turn on	<ul style="list-style-type: none">● Make sure the power cord is plugged in.● The batteries in the remote control may be exhausted replace the batteries.
No picture, no sound	<ul style="list-style-type: none">● Check the interface cable between TV and antenna/cable TV.● Press the power button on the remote.● Press the AV/TV button the remote, then press the SOURCE button repeatedly to select the TV sources.
Poor picture, sound OK	<ul style="list-style-type: none">● Check the interface cable between TV and antenna/cable TV.● Try another channel. The station may have broadcast difficulties● adjust the brightness/contrast options in the Video menu.
Picture OK, Poor sound	<ul style="list-style-type: none">● Sound may be muted. Press the MUTE button on the remote,● press the TV button on the remote, then press the VOL+button to increase the volume.
Audio noise	<ul style="list-style-type: none">● Move any infrared equipment away from the TV.

The TFT LCD panel uses a panel consisting of sub pixels which require sophisticated technology to produce. However, there may be few bright or dark pixels on the screen. These pixels will have no impact on the performance of the product.

FCC warning statement

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

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum 20 cm between the radiator and your body. This transmitter must not be collocated or operating in conjunction with any other antenna or transmitter unless authorized to do so by the FCC.

Modification without authorization will void the right to use the device.

|HCT|