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ITNS-500

User Manual

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I. Unpacking the ITNS-500



ITNS-500



Slide Film Holder



Backlight Holder



Business card Fixture



Negative Film Holder



Photo/Business Card Holder



CD-ROM



USB cable



Clean Brush



User Manual



Quick Installation Guide

Note

- ✧ This film scanner supports Windows XP, Vista, Windows 7 and Windows 8 (32/64bits) Mac OS 10.7.5 /10.8.4 via USB 2.0 only.
- ✧ We strongly suggest using a clean, dry, non-alcohol cotton swab to clean the glass surface on the backlight holder and the business card fixture periodically to produce a clear image.
- ✧ Make sure all negative films, slide films, cover trays and photos are free of dust and dirt before inserting into the ITNS-500 as this may affect the image quality when scanning.
- ✧ When cleaning films, please use a professionally recommended purger from a photo store to avoid damaging old or precious films.

II. Software Installation

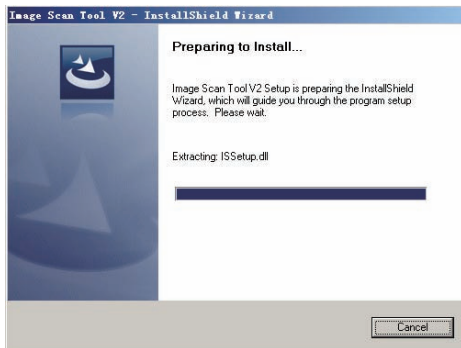
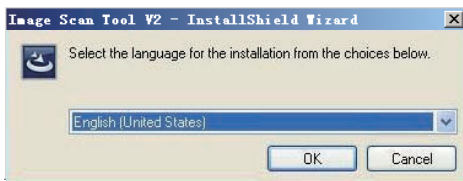


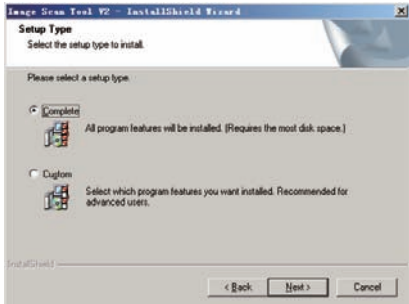
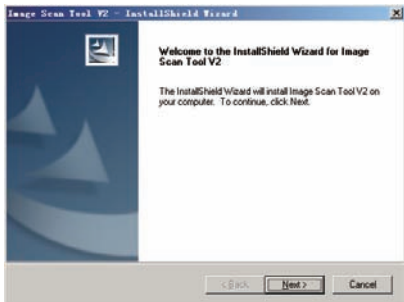
To use the ITNS-500, please complete the following installation in advance.

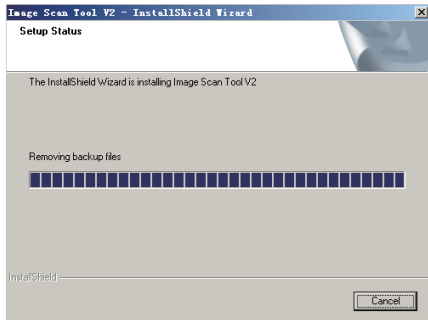
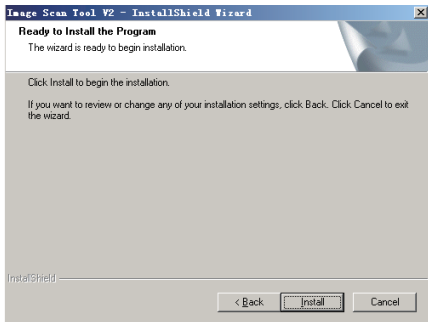
Windows Installation

1. Turn on the computer.
2. Insert the installation CD into the CD-ROM drive and the installation CD menu will appear.
3. Click the "Installation" button to begin.
4. After the installation completes, you can browse the video instructions and user manual from the CD.
5. Click "Exit" to quit the driver installation menu.

6. Follow the on-screen instructions for installation.
(Windows XP, Vista/Windows7/Windows 8)







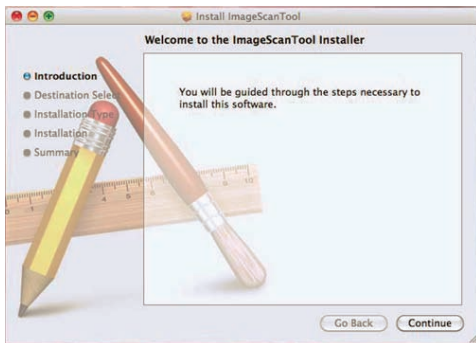
7. After completing the installation, the film-scanner is ready to use with "Image Scan Tool" under program files. Remark: If you are using Win XP 64 or Vista 32/64, you may also need to run "Launch vcredist_x86.exe" as the Microsoft Visual C++ 2010 Redistributable Package is necessary for this installation. It is recommended (but not required) to restart your PC after installation or un-installation.

Mac Installation

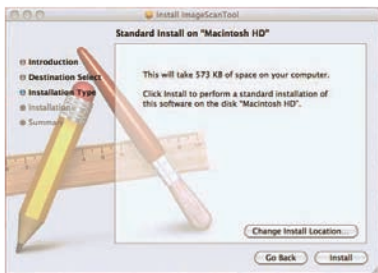
1. Turn on Mac computer.
2. Insert the installation CD into the CD/DVD drive.
3. Copy "ImageScanTool.mpkg" to your computer and double-click it. If you are using a 10.7 operating system, copy the 10.7.5 file. If you are using a 10.8 operating system, copy the 10.8.4 file.



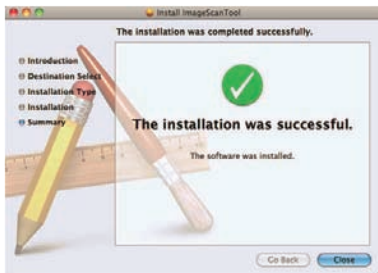
4. Click Continue to install “ImageScanTool”.



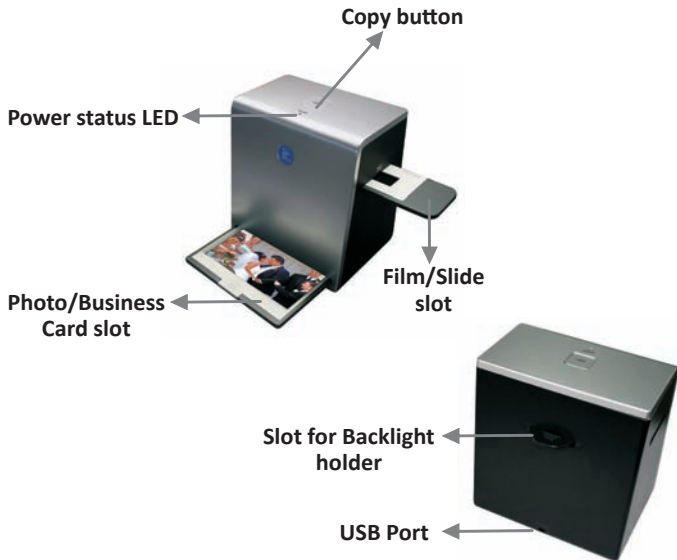
5. Click Install and follow the on-screen instructions.



6. Once the installation completes, click Close.



III. Using the ITNS-500



Installing film into the film holder

Install slide Film into the holder entitled “Slides Only”

1. Open the slide holder as illustrated



2. Place slide in recessed slot in holder



3. Close the film holder



Install Negative Film into the holder entitled “Negative Film Only”:

1. Open the film holder as illustrated



2. Install film into negative film slot



3. Close the film holder



Note

- ✧ To avoid a mirror image, follow the serial numbers (from left to right) on top of film when installing negative film into holder.



Figure 1

- ✧ If the image is upside down [see fig. 2], the image can be corrected with the "Rotate" function in the Image Scan Tool after capture [see fig. 3].



Figure 2



Figure 3

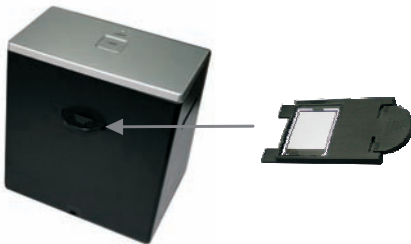
How to use ITNS-500

Scanning Film/Slide

1. Put Film into film holder



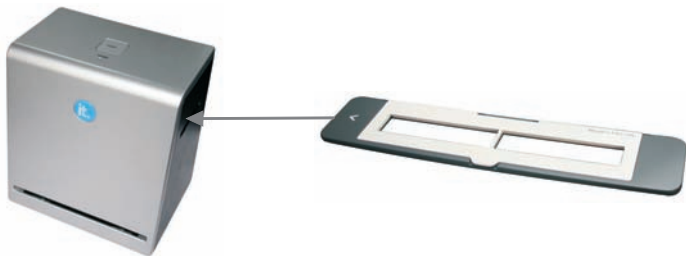
2. Insert the film/slide backlight holder at the rear side of the ITNS-500 unit.



3. Plug the USB end of the supplied cable into your PC/Mac and the other end into the ITNS-500 unit.

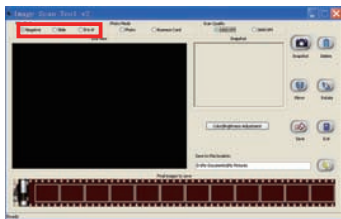


4. Insert the film holder into the right side of the ITNS-500 unit.

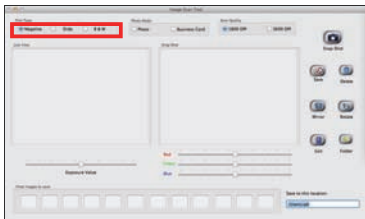


5. Open the “Image Scan Tool” program to enter the operation interface as shown below. The program will go into Film/Slide Mode automatically.

PC



Mac



Scanning Photos

1. Remove the film/slide holder, as well as the backlight holder, from the ITNS-500 unit if either one is attached.



Remove film/slide holder by sliding the holder to the left hand side.



Remove backlight holder by pressing down the handle and pulling it out.

2. Open the photo holder as illustrated. Place the photo on the base of the photo holder and close the photo holder.

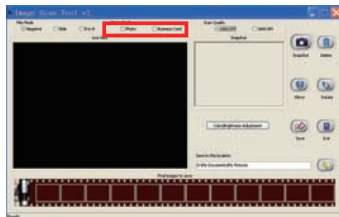


3. Insert the photo holder into the photo slot of the ITNS-500 unit.

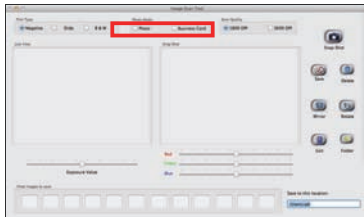


4. Open the “ImageScanTool” program to enter the operation interface as shown below. The program will go into Picture Mode automatically.

PC

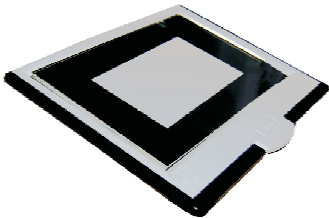


Mac

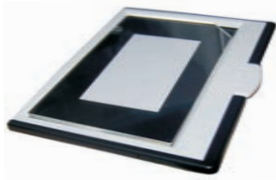


Scanning Business Cards

1. Follow Step 1 from "Scanning Photos" to remove Film/Slide holder as well as the backlight holder.
2. Close the photo holder and place the business card on the base of the photo holder according to the engraved guideline on the holder.



3. Put the Business Card fixture on top of the Photo Holder.



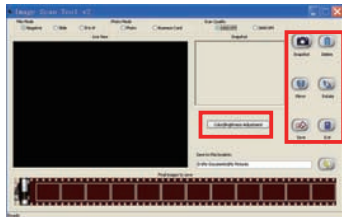
4. Insert the entire photo holder, with the business card fixture, into the photo slot on the ITNS-500 unit, and select "Business Card" mode in the "Image ScanTool".

5. Press the “Copy” button or click the “Snap Shot” button in the Image Scan Tool program to capture the image.

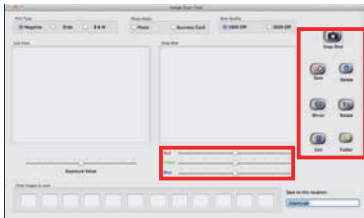


6. Make any necessary adjustments to the scanned image using the function buttons on right hand side of the Image Scan Tool program.

PC

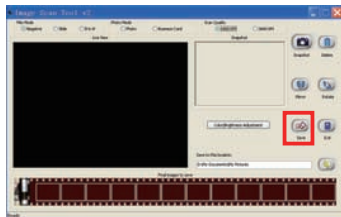


Mac



7. Save captured images to your computer.

PC



Mac



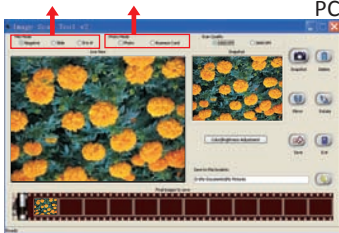
8. Get final images from PC/Mac for further review and edit.



User Interface Introduction

Film/Slide Mode Picture Mode

PC



Mac



When user selects a “Negative” source, the image in “Live View” window will be exactly like the processed result.

The Image Scan Tool will auto select an operating mode (Film/Slide Mode or Photo Mode) by detecting if the backlight holder has been attached. If the backlight holder is attached, it will go into Film/Slide Mode. If the backlight holder is not attached, it will go into Photo Mode.

PC



Mac

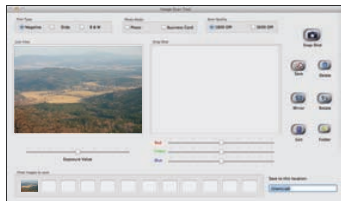


If device processes a slide, the “Live View” will show a color image and the Film Type will remain the same.

PC

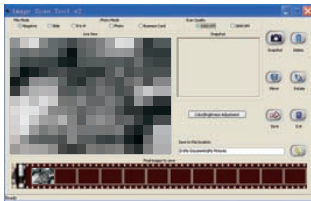


Mac

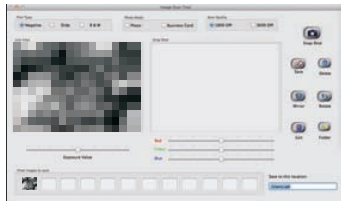


This is “Live View” with the black and white negative option selected.

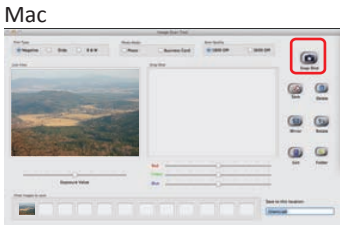
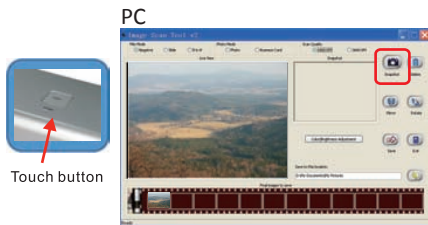
PC



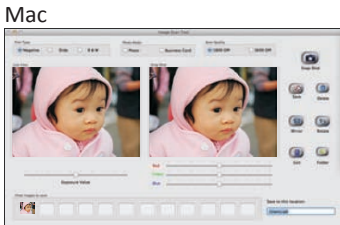
Mac



User can convert images from traditional film to digital files by clicking the “Snap Shot” button in the Image Scan Tool or pressing the “Copy” button on top of the film scanner. Then, the captured result will appear in the “Snap Shot” and “Final images to save” window.

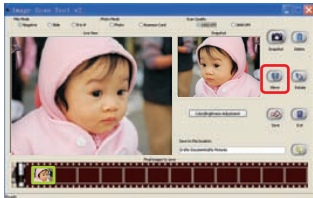


All of the effects in the Image Scan Tool will be ready for instant preview in the “Snap Shot” and “Final images to save” window.



Apply the Mirror function by clicking the “Mirror” icon. This will flip the image. The image will appear in the “Snap Shot” window, as well as the “Final images to Save”.

PC



Mac



Apply the Rotate function by clicking the “Rotate” button. The image will be rotated 90 degrees each time the button is clicked. Images can be continuously rotated a full 360 degrees or until desired.

PC

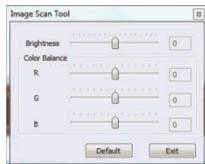
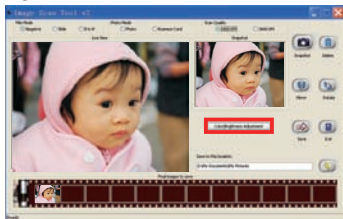


Mac

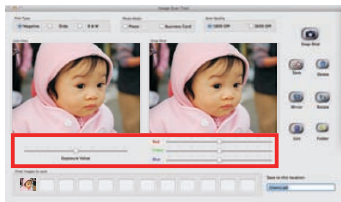


To manually adjust the image brightness and color level, click on “Color/Brightness Adjustment” icon. A pop up window containing Brightness bar and Color R, G, B bar will show up on screen. Pull the sliders to make adjustments.

PC



Mac



If the user wishes to delete a specific image from the capture pool, simply click the image under “Final image to save” to select it. Once selected, click the “Delete” button.

PC

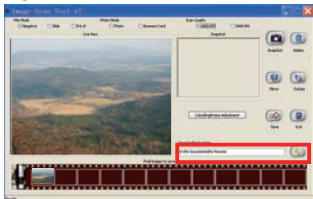


Mac

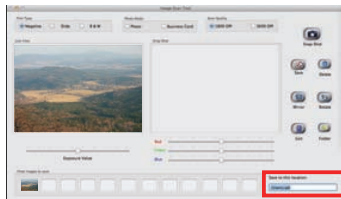


After making modifications, user can save images to the default location as shown below:

PC

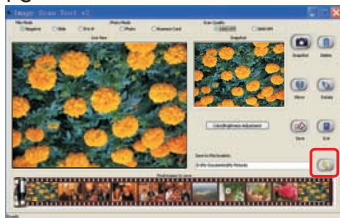


Mac



User can define a preferable location for saving captured images by pressing the directory button. Another window will pop up for user to select the preferred location.

PC

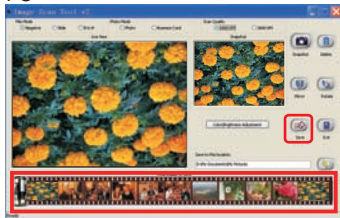


Mac

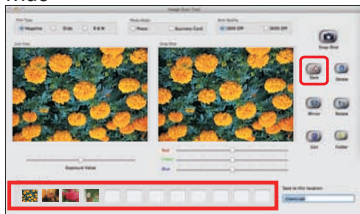


Press the “Save” key and all of the captured images will be saved into the defined location. The “final images to save” window will become empty after the “Save” button is pressed.

PC



Mac



IV. Specifications

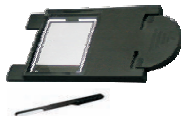
Image Sensor:	5 mega CMOS sensor
Lens:	Multi-elements precision lens
Focus Range:	2x Predefined Focuses
Exposure Control:	Automatic
Color Balance:	Automatic
Scan Quality:	1,800 dpi /3600 dpi (SW interpolation)
Data Conversion:	10 bits per color channel
Scan Method:	Single pass
Light Source:	Film/Slide Scanning: Back light (3 White LEDs) Photo/Business Card Scanning: Light Bar (8 White LEDs)
Interface:	USB 2.0
Power:	USB port
Dimensions:	190X145X205mm
Weight:	0.9kg
Operating Systems:	Windows XP/Vista/Windows 7/Windows 8 32/64bit; Mac OS 10.7.5/10.8.4 (Intel CPU-based Mac). 512MB RAM and higher. 50MB hard disk space and higher.

Features and specifications are subject to change due to continuing improvements. Depending on your computer & operating system, the screen/set-up may differ slightly from what is pictured in this manual.

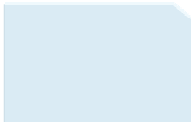
V. Cleaning the ITNS-500

Cleaning the backlight holder

Detach the back light holder from the ITNS-500 unit. Using the provided cleaning brush, or a clean, dry, non-alcohol cotton swab, clean the glass surface periodically to produce a clear image during operation.

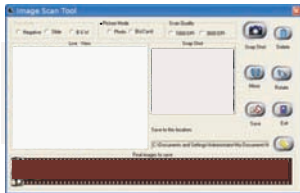


Cleaning the business card fixture



Using the provided clean brush, or a clean, dry, non-alcohol cotton swab, clean the surface of the business card holder periodically to produce a clear image during operation.

You can check the result of cleaning by removing the film holder from the unit and inserting the cleaned backlight holder back into the unit. When you no longer see any dust in the live view window, cleaning is complete.



Caution

In order to maintain the quality of scanned image, the backlight holder should be handled with extra care to avoid any scratching of the glass surface.

Innovative Technology Electronics Corp.
Limited Warranty: 90 Days Labor, One Year Parts

Innovative Technology Electronics Corp. (IT) warrants the product to be free from "Defects" in materials under normal use for a period of "One Year" from the date of the original purchase. The Warranty is "Not" transferable. IT agrees, within the initial "90 Day" period, to repair or replace the product if it is determined to be defective at "No Charge". It is further agreed that IT will cover the cost to repair or replace damaged "Parts" only for a total period of "One Year" from the date of the original purchase. The warranty does not cover cosmetic damage, antennas, AC cords, cabinets, headbands, ear-pads, or damage due to line power surges, connection to improper voltage supply or settings, misuse, mishandling, accident, acts of God or attempted repair by an unauthorized service agent.

To obtain service, the purchaser MUST present an original sales receipt / proof of purchase. Please contact us at www.ithomeproducts.com to request an RMA (Return Material Authorization) number to return products for service or replacement. Returns without an RMA number on the package will be refused and returned to sender. Upon receipt of the returning item and our full inspection (IT) may issue a replacement to customer for the same item or of one that has equivalent value and features. To return an item, supply full name, return address, phone number, item purchased, receipt of purchase and reason for return to obtain RMA number.

All returns must be in the original packaging or reasonable substitute to prevent damage. Customer "Must" include full name, shipping address and telephone number inside of package. No return will be shipped back to a PO Box or APO address.

Please include your check or money order in the amount of

- **USD\$5.00 for items \$10.00 to \$39.99 (Price Paid Per Unit)**
- **USD\$10.00 for items \$40.00 to \$99.99. (Price Paid Per Unit)**
- **USD\$16.00, for items \$100.00 and up. (Price Paid Per Unit)**

Shipping fees are non-refundable

to be payable to Innovative Technology Electronics Corp.(for handling and return shipping charges) (IT) will not be responsible for delays or unprocessed claims resulting from a purchaser's failure to provide any / all of the necessary information. Send all inquiries or RMA request via our website www.ithomeproducts.com/support.

Innovative Technology Electronics Corp.
1 Channel Drive
Port Washington, NY 11050
Toll free: 1-877-483-2497

Website for support: www.ithomeproducts.com/support

There are no express warranties except as listed above.

REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CUSTOMER, (IT) SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW. ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above exclusions or limitations may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.



Instructions shall caution users that modifications not approved by the party responsible for compliance could void user's authority to operate the equipment. The following or equivalent as appropriate:

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.

Statement that the product complies with Part 15 (i.e. "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.")

CALIFORNIA PROP 65 WARNING

WARNING: This product contains chemicals known to the State of California to cause birth defects or other reproductive harm. For more information on these regulations and a list of chemicals, log on to the following website address:

<http://www.oehha.ca.gov/prop65.html>

Revision: 1.1_0