

iLuv[®]

Model : iHD171

Instruction Manual

HD Radio™ Receiver with iTunes Tagging

INTRODUCTION

Congratulations on your purchase of the new iLuv iHD171 HD Radio™ receiver with iTunes tagging. Targeted specifically to work with your iPhone and iPod, iLuv stereo audio system with the built-in universal dock provides advanced audio and radio performance that brings out the best in your music. Do not forget to keep this manual for future reference.

HD Radio receiver with iTunes tagging

HD Radio receiver

- Provides crystal clear, digital stereo for AM/FM HD Radio and multicast stations
- Receive HD radio signals to increase the clarity of your FM radio stations to CD-quality sound
- Displays information such as station and song name, band, frequency and more if available from the station
- One touch “iTunes Tagging”; tag a currently playing song from HD Radio receiver and download it to your iPod*
- Receives standard analog AM and FM stereo radio
- PLL digital tuning technology
- Programmable presets for 30 radio stations (10 for AM / 20 for FM)

iPod

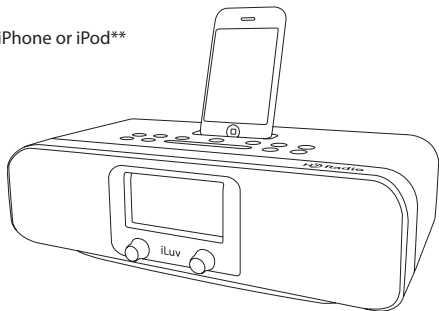
- Enjoy rich sound from your iPhone or iPod**
- Plays and charges your iPhone or iPod**
- Outputs your favorite videos to your TV if your iPhone or iPod**

Digital Dual Alarm Clock

- Digital clock display with dual alarm function
- Wake to iPod, AM/FM radio, or buzzer
- Sleep to iPod, AM/FM radio

What's included

- Main unit
- Remote control (battery included)
- Dock adapters
- Video cable
- Audio patch cable (3.5mm to 3.5mm)
- AM loop antenna
- FM antenna
- Instruction manual



* “iTunes Tagging” function supports iPod 5th generation (video), iPod classic, iPod nano 3rd and 4th generation, iPod touch 1st and 2nd generation and iPhone, iPhone 3G. Note: Make sure the latest iPhone or iPod software is installed or tagging may not work. For information on how to update your iPhone or iPod with the latest software, refer to the User Manual for your iPhone or iPod.

** Compatible with any iPod with dock connector (Excluding 1st, 2nd, and 3rd generation iPod)

*** Including iPod 5th generation (video), iPod classic, iPod nano 3rd and 4th generation, iPod touch 1st and 2nd generation, iPhone and iPhone 3G

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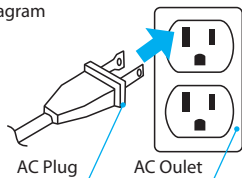
GETTING STARTED

Power Source

- This HD Radio System operates from AC120V/60Hz line power supply.
- The Remote Control operates on 1 Lithium battery, CR2025 (Included). Insert the AC plug into a standard 120V AC outlet as shown in the diagram on this page. The Radio will automatically go into standby mode.

Note:

The system has an AC plug and will only fit into matching AC outlets. This is a safety feature to reduce the possibility of electric shock. If the plug will not fit in your AC outlets, you should have the outlet changed by a qualified, licensed electrician. Do not use an adapter to make the plug fit into your outlet. This defeats the safety feature and could expose you to electric shock.



Installing the Backup Batteries

The clock radio uses a backup battery system to provide continuous alarm operation and clock settings in the event of a power failure. If the Backup Battery has been installed and a power failure occurs or the DC cord is accidentally disconnected, the display will not remain lit, but the current time and alarm time settings will be temporarily maintained. Otherwise, you must reset the time and alarm settings.

1. Make sure the AC power is connected. Otherwise all settings may be lost during battery replacement.
2. Open the battery compartment cover located on the bottom of the unit.
3. Attach a 9V battery to the connector and insert into the battery compartment.
4. Close the compartment cover.

Protect your Furniture

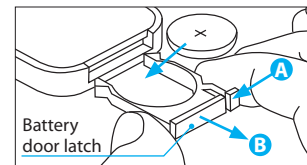
This model is equipped with non-skid rubber 'feet' to prevent the product from moving when you operate the controls. These 'feet' are made from non-migrating rubber material specially formulated to avoid leaving any marks or stains on your furniture. However certain types of oil based furniture polishes, wood preservatives, or cleaning sprays may cause the rubber 'feet' to soften, and leave marks or a rubber residue on the furniture. To prevent any damage to your furniture we strongly recommend that you purchase small self-adhesive felt pads, available at hardware stores and home improvement centers everywhere, and apply these pads to the bottom of the rubber 'feet' before you place the product on fine wooden furniture.

GETTING STARTED

Installing the Remote Control Battery

The remote control battery has been previously installed and ready for operation for the first time use. When the remote control stops functioning, replace the battery with a new one. To do so, locate the battery compartment and follow the steps below:

1. Remove the battery cover. Squeeze notched tab A while pulling battery door latch B to release the battery door latch and slide the battery holder outward.
2. Insert a "CR2025" 3V lithium battery making certain to follow the correct polarity (+/-).
3. Slide the battery holder back into the remote control.



Preparing the Remote Control

1. Remove the battery protective film.
2. Point remote control toward the front of the main unit. The effective range of the remote is about 19 ft from the remote sensor and within an angle of about 45° from the front of the unit.

Installing the Dock Adapter

To ensure that your iPhone or iPod will fit properly into the built-in universal dock, we have included several detachable dock adapters for many iPod players with this product. Please check the bottom of dock adapters to see the compatibility with your iPhone or iPod.

1. How to insert a dock adapter

- a. First choose the dock adapter that corresponds with the type of iPhone or iPod you would like to dock. Using the correct dock adapter ensures the proper fit for your iPhone or iPod.
- b. Gently push the dock adapter down into the universal dock.
- c. Carefully place your iPhone or iPod into the universal dock. It must not be in a case or "Skin".

2. How to remove the dock adapter

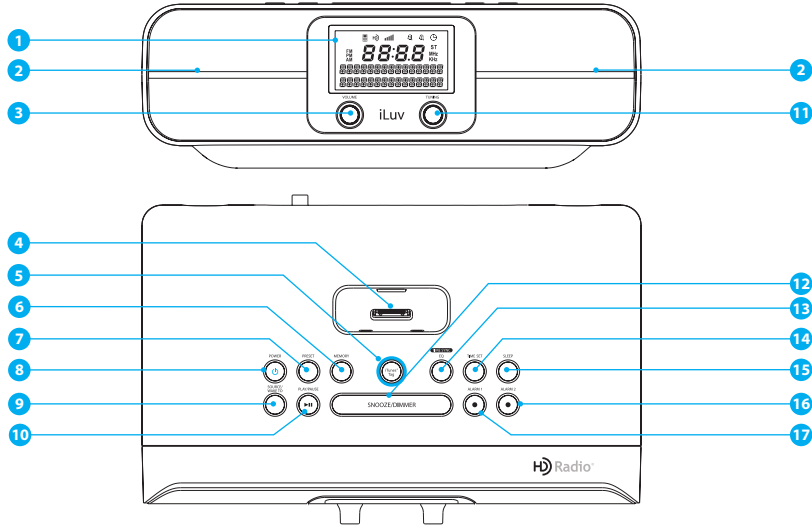
- Remove your iPhone or iPod first, then grasp the dock adapter and lift upwards carefully.

Note: The iHD171 is not magnetically shielded and may cause color distortion on the screen of some TVs or video monitors. To avoid this, you may need to move the unit further away from the TV or monitor if unnatural color shifts or image distortion occurs.

GETTING STARTED

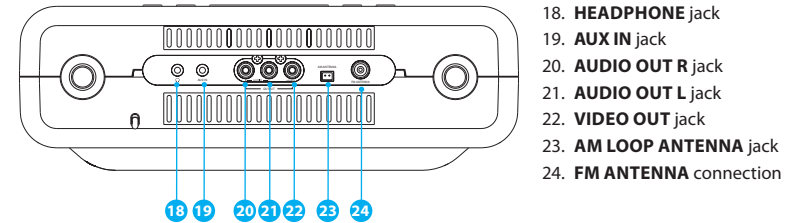
Location of Controls on the Main Unit

1. LCD Screen
2. Stereo Speakers
3. VOLUME Knob
4. iPhone / iPod Dock
5. iTunes TAG Button
6. MEMORY Button
7. PRESET Button
8. POWER Button
9. SOURCE/WAKE TO Button
10. PLAY / PAUSE HI Button
11. TUNING Knob
12. SNOOZE / DIMMER Button
13. EQ / TIME SYNC Button
14. TIME SET Button
15. SLEEP Button
16. ALARM 2 Button
17. ALARM 1 Button



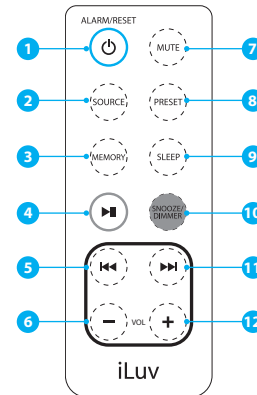
GETTING STARTED

Location of Controls on the Main Unit - continued



18. HEADPHONE jack
19. AUX IN jack
20. AUDIO OUT R jack
21. AUDIO OUT L jack
22. VIDEO OUT jack
23. AM LOOP ANTENNA jack
24. FM ANTENNA connection

Location of Controls on the Remote Control

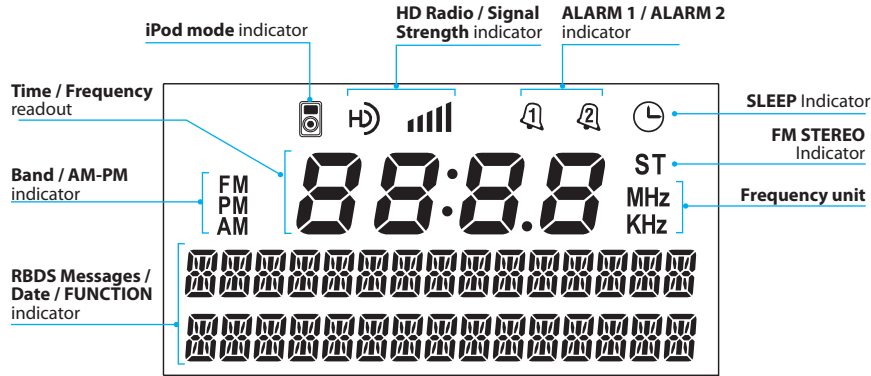


1. ALARM / RESET / POWER Button
2. SOURCE Button
3. MEMORY Button
4. PLAY / PAUSE HI Button
5. REWIND Button
6. VOLUME – Button
7. MUTE Button
8. PRESET Button
9. SLEEP Button
10. SNOOZE / DIMMER Button
11. FAST FORWARD Button
12. VOLUME + Button

Note: The included remote control commands all of the basic functions on iHD171. Aim the remote control towards the center of the main unit for the best results. To install a new battery, please refer to the section "Installing the Remote Control Battery".

GETTING STARTED

Location of Indications on the LCD Screen



Connecting the FM Antenna Wire

1. Push the connector plug on the end of the antenna wire onto the FM Antenna Connector at the rear of the radio.
2. Straighten out the Antenna to its full length and orient the wire for the best reception.

Connecting the AM Loop Antenna

Connect the provided Loop Antenna as described below:

1. Connect the 3.5mm plug of AM loop antenna to the AM ANTENNA jack at the rear of the unit.
2. Orient the AM loop antenna for the best reception.

OPERATIONAL INSTRUCTIONS

Using the Time Sync Feature

The iHD171 is equipped with a Time Sync feature which sets the time and date on the clock of the iHD171 in sync with the docked iPhone or iPod.

1. Press and hold **EQ / TIME SYNC** Button for approximately two (2) seconds to turn Time Sync function ON or OFF. "TIME SYNC ON" or "TIME SYNC OFF" will temporarily display on the LCD screen for five (5) seconds.
2. After the Time Sync function is turned ON, dock your iPhone or iPod, the unit will start authentication and will sync time/date from docked iPhone or iPod.
3. As Time Sync processes, "TIME SYNC" will flash for approximately two (2) minutes on LCD.
4. If Time Sync is turned ON while your iPhone or iPod is docked, the iHD171 will automatically synchronize time and date from the docked iPhone or iPod



Note: Time Sync is compatible with iPhone 3G, iPhone, iPod touch (2nd generation), iPod nano (4th generation), iPod classic, iPod touch (1st generation), iPod nano (3rd generation), iPod nano (2nd generation), iPod with video, iPod nano (1st generation).

Setting the Clock Time and Calendar

1. Press and hold the **TIME SET** Button located on the top of the unit until 12H or 24H appears. Select your desired clock display either 12 hour or 24 hour by turning **TUNING** Knob (or press **⏪** or **⏩** on the remote control). Then press the **TIME SET** Button again to confirm 12H or 24H mode setting.
2. The hour display at the center will flash. Turn the **TUNING** Knob (or press **⏪** or **⏩** on the remote control) to set the current time, then press the **TIME SET** Button again to confirm clock setting. (**Note:** if the system is set to 12-hour mode, the AM or PM indicator will be lighted on.) The minute display will now flash. Follow the same procedure to set the minute.
3. The month, date and year display at the lower right will flash successively. Press the **TIME SET** Button to accept the current setting, or turn **TUNING** Knob (or press **⏪** or **⏩** on the remote control) until current month, date or year is displayed. Press the **TIME SET** Button to confirm month, date or year setting.

OPERATIONAL INSTRUCTIONS

Setting the Alarm Time

1. The unit can set two Alarm Times.
2. Press and hold the **ALARM 1** or **ALARM 2** Button until the display flashes. Press the **SOURCE / WAKE TO** Button to select mode of HD RADIO FM, HD RADIO AM, IPOD or BUZZER to wake to, then press **ALARM 1** or **ALARM 2** Button to confirm.
3. The Hour display will flash, turn **TUNING** Knob (or press or Button on the remote control) to select, press **ALARM 1** or **ALARM 2** Button to confirm.
4. The Minute display will flash, turn **TUNING** Knob (or press or Button on the remote control) to select, press **ALARM 1** or **ALARM 2** Button to confirm.
5. The Volume level display will flash, turn **VOLUME** Knob to select, press **ALARM 1** or **ALARM 2** Button to confirm.
6. The Alarm 1 or Alarm 2 Icon will light up.



Notes: Once you set the alarm time, the alarm will be automatically armed. The Alarm Icon will appear to indicate the alarm is armed. Make sure to adjust volume level for comfortable wake up volume.

Using the Alarm

1. To preview the alarm time, just press the **ALARM 1** button or **ALARM 2** button to view.
2. Press the **ALARM 1** button or **ALARM 2** button again to arm or disarm the alarm.
3. When the alarm is sounding, press the **POWER** button to turn the alarm OFF. The alarm will come on again the next day at the same time.
4. To stop the alarm from coming on the following day, press the **ALARM 1** button or **ALARM 2** button to turn it OFF. The Alarm Icon will disappear to indicate the alarm is disarmed.
5. If the alarm is not turned off after it sounds it will play for approximately 1 hour then turn off automatically. This cycle will repeat every 24 hours unless the controls are changed.

Note: When setting the unit to "Wake to iPod," Your iPod must be properly docked and turned off (Not in Play mode) or the alarm will not sound. When you select "Wake To iPod," be sure your iPod has enough songs to play for 1 hour, otherwise set the iPod repeat mode to ON. If there is no iPod is present or there is no music on your iPod at alarm time, the clock radio will automatically switch to buzzer alarm.

OPERATIONAL INSTRUCTIONS

Snooze/Dimmer Operation

1. Press the **SNOOZE / DIMMER** button on the clock radio (or remote control) after the alarm sounds. The alarm will go off and will come on again in approx. 9 minutes. You may repeat this cycle several times during the 1 hour alarm cycle.
2. During normal operation, press the **SNOOZE / DIMMER** button to control the brightness of the LCD display.

Sleep Operation

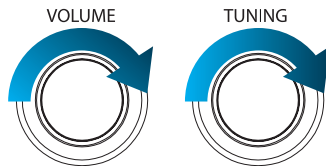
1. When the clock radio is OFF or while listening to your iPod or the radio, press the **SLEEP** button to enter sleep mode.
2. The unit will automatically turn off after the selected time. Sleep mode has a Gentle Sleep feature which gradually lowers the volume.
3. You can adjust the sleep timer from 120 -> 90 -> 75 -> 60 -> 45 -> 30 -> 15 -> 00 minutes by pressing the **SLEEP** button again.
4. Pressing the **SLEEP** button to "00" will turn off the unit.
5. When the display changes back to show the real time, pressing the **SLEEP** button once will show the sleep time remaining. Pressing it again will change sleep time to the next lowest increment.
6. Clock radio has independent volume setting for sleep mode so you can adjust the sleeping volume without affecting the alarm volume. Turn the **VOLUME** knob (or press **Volume + / -** Buttons on the remote control) to adjust sleep volume. The sleep volume will remain at that level the next time you enter sleep mode until controls are changed.
7. To stop listening at any time, press the **POWER** button.

OPERATIONAL INSTRUCTIONS

Listening to the Radio

Extend the FM wire antenna fully for best reception (do not strip, alter or attach to other antennas). The AM loop antenna should be placed up to 12" away from the unit for best reception. Rotate the AM loop antenna as required for best reception.

1. Press the **POWER** button to turn on the unit. Press the **SOURCE / WAKE TO** button on the clock radio to select AM or FM band to play the radio. The radio frequency appears at the center of the display.
2. Turn the **TUNING** knob on the clock radio (or press **⏪** or **⏩** on the remote control) to tune in the desired station. Press and hold the **⏪** or **⏩** on the remote control for about two (2) seconds to Auto scan to the next clear station.
3. Turn the **VOLUME** knob on the clock radio (or press **Volume+/-** button on the remote control) to adjust the system volume.
4. Press the **EQ** button to select ROCK, POP, CLASSIC, JAZZ, BASS or NORMAL for the desired sound effect.
5. Press the **MUTE** button on the remote control to turn OFF the sound. Press the **MUTE** button again to restore the sound.
6. To turn off the unit, press the **POWER** button to turn it off.



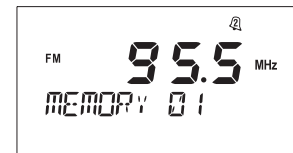
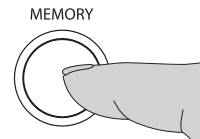
OPERATIONAL INSTRUCTIONS

Storing Preset Stations

This unit allows you to program 20 stations on FM and 10 stations on the AM band.

1. Turn the **TUNING** knob on the clock radio (or press **⏪** or **⏩** on the remote control) to tune to the station you wish to store.
2. Press the **MEMORY** button once to store the station.
3. While preset track indicator flashing on the display, press **PRESET** button repeatedly to select preset track.
4. Press **MEMORY** button again to confirm after your preset number selected.
5. To store other stations, repeat the steps above.

Recalling Preset Stations: Press the **PRESET** button repeatedly to select the desired station.



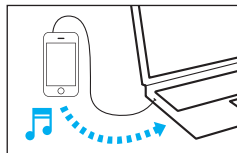
OPERATIONAL INSTRUCTIONS

iTunes Tagging

1. While listening to broadcast music on an HD Radio station, the user can hear a song and tag it (if available) for feature review or purchase from Apple iTunes store by pressing the **iTunes Tag** button.
2. The radio equipped with an **iTunes Tag** button store data for the currently playing song. If tagging data is available for the song, the LCD will display the screens shown below.
3. If iTunes tagging is successful, the LCD will display the screens shown below. Up to 50 tags can be stored.



4. The user can tag the song without needing to know anything about it or its originating station. The song information is stored on the radio until your iPod is connected to it.
5. When your iPod is connected to it, the unit will transfer the tagged song information to your iPod. Your iPod then stores the data until it is synched with iTunes.
6. When your iPod is connected to your computer, iTunes will import the tag data*, analyze it, and present it to the user in the form of a tagged play list. iTunes then displays the song title, artist, album and other information for each tagged song.
7. With iTunes, you can save, review or delete any item in the tagged play list and easily purchase any of the listed titles through iTunes.



(Note: *iTunes Tagging™ function supports iPod 5th generation (video), iPod classic, iPod nano 3rd and 4th generation, iPod touch 1st and 2nd generation, and iPhone, iPhone 3G.)

*"Sync" must be clicked in iTunes. Tagged information can be found under "Store" tab in iTunes.

OPERATIONAL INSTRUCTIONS

Charging your iPhone or iPod

Make sure you are using the correct dock adapter for your iPhone or iPod and that it is properly docked into the unit. Failure to do so may damage your iPhone or iPod.

- Whenever your iPhone or iPod is docked in the system, it recharges (until fully charged).

Note: Your iPhone or iPod will not charge in radio mode to prevent radio interference.

Listening to your iPhone or iPod

1. Dock your iPhone or iPod. Press the **POWER** button to turn on the clock radio.
2. Press the **SOURCE/WAKE TO** button (or press **SOURCE** button on the remote control) to select iPod mode. You will hear the music playing from your iPhone or iPod, and an iPod icon will appear on the clock radio LCD display to indicate iPod Playing mode.
3. Press the **PLAY/PAUSE** button again to pause play; press again to resume play.
4. Turn the **VOLUME** knob on the unit (or press **Volume +/-** buttons on the remote control) to adjust the system volume.
5. Press the **EQ** Button to select ROCK, POP, CLASSIC, JAZZ, BASS or NORMAL for desired sound effect.
6. Press the **MUTE** button on the remote control to turn OFF the sound. Press the **MUTE** button again to restore the sound.
7. Turn the **TUNING** knob (or press **⏪** or **⏩** on the remote control) to go to the next or beginning of current track. Press and hold the **⏪** or **⏩** button on the remote control to start high speed search.
8. To turn off the unit, press the **POWER** button to turn it off. Your iPhone or iPod will continue charging while in the dock.

OPERATIONAL INSTRUCTIONS

Using your iPhone

1. When your iPhone is successfully detected in the dock, the "iPod" icon is shown on the display.
2. During playback, hold **⏮** or **⏭** on the remote control to start high speed search. When the desired passage is found, release the key. Normal playback will resume.
3. You can watch your favorite movies on your TV.
4. If there is an incoming call during playback of music or movies, the word "Decline" or "Answer" will appear on the screen if your iPhone is unlocked (or has warning notice "**slide to unlock**"). Normal playback will resume at the end of the call.

Listening to a non-docking iPod or other portable audio devices

If you are using your iPod without a docking port, other MP3 player or other portable audio device, it can still be played on the iHD171.

1. Plug one end of the audio cable into the headphone or LINE OUT jack on your device and the other end of the cable into the clock radio AUX IN Jack, located on the back of the unit.
2. Press the **SOURCE/WAKE TO** button on the clock radio until AUX icon displays on LCD.
3. Turn on and play your device.
4. Turn the **VOLUME** knob on the clock radio (or press **Volume+/-** buttons on the remote control) to adjust the system volume. You may need to adjust your device volume, too.
5. To turn off the unit, press the **POWER** button.

OPERATIONAL INSTRUCTIONS

Watching Videos on an External Monitor or TV

1. Connect the provided video cable (yellow) into the rear of the iHD171 (VIDEO). Then connect the opposite plug side of the video cable to the video input jacks of the external display device.
2. Connect the provided audio cable (red and white) into the rear of the iHD171 (AUDIO). Then connect the opposite plug side of the video cable to the audio input jacks of the external display device.
3. Turn on the external display device. Change the mode of the external display device to the AV mode if necessary. (**Note:** Please refer to the owner's manual of external devices for AV Mode)
4. Place your iPhone or iPod in the built-in universal dock.
5. Play the video on your iPhone or iPod. (Please note that the "**TV Out**" setting of your iPod must be set to "**On**" in order to see the iPod video contents on your TV via the iHD171.).

IMPORTANT: When Using TV Out, please make sure your iPod Video setting is set to "TV Out-ON" Please follow the instructions below on your iPhone or iPod to change the setting:

1. On the menu screen of your iPhone or iPod, select the "**Videos**" option.
2. On the next menu screen, select the "**Video Settings**" option.
3. On the next menu screen, select the "**TV Out**" option and set it to "**On**."*

Note: When watching video content using Video-out jack and **TV Out** is set to **ON** on your iPhone or iPod, your iPhone or iPod and the connected external device will not simultaneously display pictures or video. To play videos from your iPhone or iPod, TV-out should be set to "**OFF**."

MAINTENANCE AND TROUBLESHOOTING GUIDE

Maintenance

- Place the unit on a level surface away from sources of direct sunlight or excessive heat.
- Protect your furniture when placing your unit on a natural wood and lacquered finish. A cloth or other protective material should be placed between it and the furniture.
- Clean your unit with a soft cloth moistened only with mild soap and water. Stronger cleaning agents, such as Benzene, thinner or similar materials can damage the surface of the unit.

Troubleshooting

- The unit does not turn on.
 - The AC plug may not be connected properly. Check the connection.
 - The wall outlet may not function. Try another outlet.
- Your iPhone or iPod does not fit into the built-in universal dock.
 - The installed dock adapter is not the correct one. Check whether a correct dock adapter is installed.
 - There might be some obstructions on the dock. Check whether there are any obstructions on the connector and on the dock. If everything is secured, place your iPod back into the dock.
- It does not recognize your iPhone or iPod when docked.
 - Your iPhone or iPod may not be properly docked. Take your iPhone or iPod out of the dock, and remove any obstructions on the connector from the dock and on your iPhone or iPod. Place your iPhone or iPod back into the dock.
 - Your iPhone or iPod is frozen or locked up. Check whether your iPhone or iPod operates correctly before placing it back into the dock. Please refer to the owner's instruction manual of your iPod or iPhone.
 - The software of your iPhone or iPod is outdated. Upgrade the software on your iPhone or iPod. For the details on how to upgrade the software on your iPhone or iPod, please visit the Apple website: <http://www.apple.com>.
- Your iPhone or iPod is not charged even though it is in the dock.
 - Your iPhone or iPod might not be properly docked. Take your iPhone or iPod out of the dock, and remove any obstructions on the connector from the dock and on your iPhone or iPod. Place your iPhone or iPod back into the dock.

TROUBLESHOOTING GUIDE

Troubleshooting - continued

- Your iPhone or iPod is frozen or locked up. Check whether your iPhone or iPod operates correctly before placing it back into the dock. Please refer to the owner's instruction manual of your iPhone or iPod.
- Your iPhone or iPod will not be charged in Radio mode to avoid major radio interference.
- When playing music, the sound gets distorted.
 - The volume level on the connected device or the iHD171 is set too high. Decrease the volume until the distortion has disappeared.
 - The source sound is distorted. If the original sound source (MP3) on your iPod is poor quality, the distortion and noises are easily noticed with high-power speakers. Try a different audio source like a music CD to test.
- The remote control does not operate properly.
 - The installed battery is weak. Replace with a new battery.
 - It is not aimed to the iHD171 or too far away from it. Move within 20 feet of the unit and point the remote control toward the iHD171.
- AM band is too noisy.
 - The reception at the set location is poor. Rotate the AM loop antenna position for best reception.
 - Move the antenna away from the unit to avoid interference.
- FM band is too noisy.
 - The reception at the set location is poor. Check that the FM antenna is properly connected to the jack in the rear of the unit.
 - Stretch the antenna to a "T" shape and move slightly closer to a window.

WARNING

- TO PREVENT FIRE OR SHOCK HAZARD. DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.
- THIS APPLIANCE SHALL NOT BE EXPOSED TO DRIPPING OR SPLASHING WATER AND THAT NO OBJECT FILLED WITH LIQUIDS SUCH AS VASES SHALL BE PLACED ON APPARATUS.



The lightning flash with an arrowhead symbol within an equilateral triangle is intended to alert the user of the presence of un-insulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to people.

CAUTION

RISK OF ELECTRIC SHOCK DO NOT OPEN

WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVIC-ABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The exclamation point within an equilateral triangle is intended to alert the user of the presence of important operating and maintenance (servicing) instruction in the literature accompanying the appliance.

IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions
2. Keep these instructions
3. Heed all warnings
4. Follow all instructions
5. Do not use this apparatus near water
6. Clean only with dry cloth
7. Do not block any ventilation openings. Install in accordance with the manufacturer’s instructions
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the

IMPORTANT SAFETY INSTRUCTIONS - continued

- provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
 11. Only use attachments/accessories specified by the manufacturer.
 12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
 13. Unplug this apparatus during lightning storms or when unused for long periods of time.
 14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
 15. Grounding or Polarization – This product may be equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.
Alternate Warnings – This product is equipped with a three-wire grounding-type plug, a plug having a third (grounding) pin. This plug will only fit into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding-type plug.
 16. Ventilation – Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer’s instructions have been adhered to.
 17. The MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.



USER SAFETY GUIDE

IMPORTANT SAFETY INSTRUCTIONS - continued



CLEANING

Always disconnect unit from power supply before attempting to clean it. Use soft clothmoistened with soapy water, and wipe gently. Do not use solvents or abrasive materials.

LASER SAFETY

This unit uses laser technology. Only a qualified professional should remove the cover or attempt to service this device, due to possible eye injury.



CAUTION – CLASS 1 LASER PRODUCT

Use of controls adjustments and/or performance of procedure other than specified herein may result in hazardous radiation exposure.



DANGER

Invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam. CAUTION: HAZAROUS LASER RADIATION WHEN OPEN AND INTERLOCK DEFEATED.



YOU CAN HELP TO PROTECT THE ENVIRONMENT!

Please remember to respect the local regulations: Hand in the non-working electrical equipment to an appropriate waste disposal center.

FOR USED BATTERIES

Disposed of the used batteries properly. Please follow the local regulations for the battery disposal.

USER SAFETY GUIDE

IMPORTANT SAFETY INSTRUCTIONS - continued

FCC NOTICE TO A USER IN USA

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:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

FCC RULES

This device complies with Part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

Note: Do not make changes or modify the device in any way. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

IMPORTANT SAFETY INSTRUCTIONS - continued

IMPORTANT NOTES ON HEARING

Your hearing is very important to you and to us, so please take care when operating this equipment. We strongly recommend you to follow the guideline below in order to prevent possible damage or loss of hearing.

If you continuously listen to the loud sounds, your hearing will adapt to continuous loud sounds and will give you the impression that the volume has been reduced. What seems normal to you may in fact be harmful. To guard against this BEFORE YOUR HEARING ADAPTS, set the volume at a low level and slowly increase the volume level until you can hear comfortably and clearly without distortion. Damage to your hearing is accumulative and is irreversible. Any ringing or discomfort in the ears indicates that the volume is too loud. Once you have established a comfortable listening level, DO NOT INCREASE THE VOLUME LEVEL FURTHER.

In the use of headphones, please take more attention. Hearing experts say that listening to a loud music can damage your hearing, especially when listening to music with headphones.

IMPORTANT SAFETY INSTRUCTIONS - continued

IC NOTICE TO A USER IN CANADA

Since digital circuitry may cause interference to other radio or television tuners nearby, switch this unit off when not in use or move it away from the affected radio/television tuner.

NOTE: This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the Radio Interference Regulations of Industry Canada. 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 operation (which can be determined by turning the equipment off), 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.

WARNING!

- The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on apparatus.
- Mains plug is used as the disconnect device. It shall remain readily operable and should not be obstructed during intended use. To be completely disconnected, the apparatus from supply mains, the mains plug of the apparatus shall be disconnected from the mains socket outlet completely.

USER SAFETY GUIDE

ADDITIONAL IMPORTANT INSTRUCTIONS

- Place the apparatus with some distances from the nearby objects or walls for sufficient ventilations. The ventilation should not be impeded by covering the ventilation openings with items such as newspapers, table-cloths, curtains, etc.
- No naked flame sources such as lighted candles should be placed on the apparatus.
- Dispose of used batteries properly. Follow the local regulation for the battery disposal.
- Use this apparatus in the moderate climates. It is recommended not to use this apparatus such in a lighting storm.

SPECIFICATIONS

- **Audio output:** $4W_{RMS}(L) + 4W_{RMS}(R)$
Total: $8W_{RMS} / 16W_{PEAK} / 160W_{PMPO}$
- **Connectivity**
 - 30-pin male connector for iPod / iPhone
 - 3.5mm stereo headphone jack
 - 3.5mm aux. in jack
 - 3.5mm Video out jack
 - FM antenna
 - AM antenna
- **Radio Frequency Range**
 - AM: 520kHz – 1710kHz
 - FM: 87.5MHz – 107.9MHz
- **Power Requirement**
 - AC120V 60Hz
 - Backup: 9V battery
- **Dimensions** (W x H x D):
11.8" x 3.9" x 7.75" (300mm x 99mm x 197mm)

iLuv

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