HITACHI
AllPlay Adaptor
User's Guide

Contents

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 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 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.
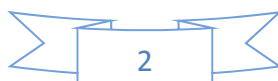
15) Apparatus should not be exposed to dripping or splashing, and objects filled with liquids, such as vases, should not be placed on the apparatus.

16) Do not overload wall outlets and extension cords, as this can result in a risk of fire or electric shock.

17) Do not push objects through any openings in this unit, as they may touch dangerous voltage points or short out parts that could result in fire or electric shock. Never spill or spray any type of liquid into the unit.

18) When replacement parts are required, be sure the service technician uses replacement parts specified by the manufacturer or those that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.

19) The mains plug is used as the disconnect and shall remain readily operable.

20) Only use the AC adapters that are included with this product.

Product Layout
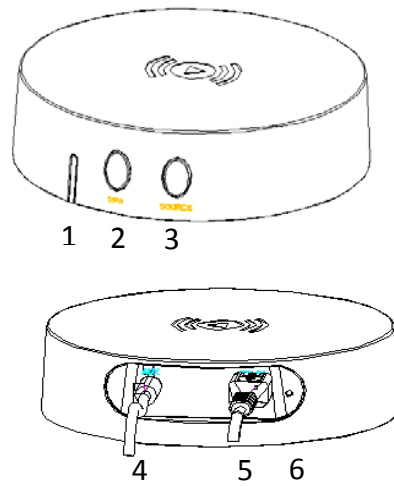
1， LED: Indicates Wi-Fi and BT source selected.

2， WPS button: Press to enter Wi-Fi setup mode (Access Point Mode); Press for 2s to enter WPS mode.

3， SOURCE button: Press to select the input source.(Wi-Fi/BT)

4， AUX: AUX output jack (3.5mm).

5， DC IN: Power supply input.

6， RESET hole: reset the AllPlay Adaptor to factory default setting.

LED Indicators

The table below explains the behavior and status of your speaker's LED indicators.

LED Behavior	LED Flash Frequency	Working Status
White LED and Blue LED alternately flashing	4Hz	Power on
White LED slow flash	1Hz	Enter Wi-Fi connecting or disconnection mode
White LED fast flashing	4Hz	Enter Wi-Fi pairing mode with WPS method
White LED Solid	Solid	Wi-Fi connected
Blue LED fast flash	4Hz	Enter BT pairing mode
Blue LED Solid	Solid	BT connected

Hitachi WI-FI Speaker App

Use the Hitachi Wi-Fi Speaker App to control your Smart Wi-Fi Speaker. Search using the keywords "Hitachi Wi-Fi Speaker" and download the app from the Apple ® App Store (iPhone®/iPad®) or Google Play ™ store (Android devices).

* Requires smartphone or tablet running Apple® iOS (V6, 7, 8) or Android™ OS (V2.2 through V4.

※**Preparation**: *Before you use your AllPlay Adaptor to playing music, connect speakers with 3.5mm line through the AUX hole.*

Wi-Fi input setup

You can stream music to your speaker from a mobile device on your Wi-Fi network by using the "Hitachi Wi-Fi Speaker" app. To use this feature, the speaker must join the same network as the mobile device.

Chose a network setup option from below:

1) Using a mobile device for setup. (See page)

You can set up this speaker's Wi-Fi setting by using a mobile device such as a smartphone or tablet.

2) Using WPS (Wi-Fi Protected Setup) (See page)

If your wireless router supports WPS, you can set up the speaker's Wi-Fi connection by pressing the WPS button.

1. Using a mobile device for Wi-Fi setup

Note: Make sure that DHCP is enabled for the network settings on your Wi- Fi router.

1. Turn the speaker on and wait for it to completely boot up. It will take approximately 60 seconds, and during this time the Wi-Fi LED will blink RED and WHITE. When boot up is complete the Wi-Fi LED will blink WHITE.

Note : If the Adaptor has been previously setup with another network or if you wish to re-setup the Adaptor, you will have to set the Adaptor to Wi-Fi setup mode (Access Point Mode). To set the Adaptor to AP Mode press the "WPS" button once on the Adaptor, the Wi-Fi LED will then blink RED indicating that the unit is ready for setup.
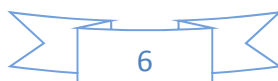
1. Go to the Wi-Fi settings on the mobile device.
2. Select "HITACHI AP Adaptor XXXXX XX_XX" on mobile devices.
   Note: "X" will be digits that are unique to each Adaptor.

4. Start the Internet browser on the mobile device to display the setup page.

Note: **IOS -** The setup page will automatically be displayed.

Android OS - After you open the Internet browser, the setup

page will be displayed. If the setup page is not displayed, type "http://172.19.42.1/" into the URL address field.

5. Enter a device name of your choice (e.g., Bedroom) and then select "Next".

> *Note:* The device name will be displayed as this speaker's name on the network.

6. Select your "Network Name" (SSID) and type the router's Wi-Fi password.

> *Note:* Check your wireless router for the network name (SSID) and the password.
>
> > *:* A list of network names (SSIDs) will appear when you select the "Network Name" box.
> >
> > *:* To display the characters typed in the "Password" box, select "Show Password".
> >
> > *:* If your network requires specific settings, disable "DHCP". You can then specify the IP Address, Subnet mask, Default gateway, Primary DNS, and Secondary DNS.

7. Select "Connect" to apply the settings.

> *Note:* When the connection is established, the Wi-Fi LED on the Allplay Adaptor will turn to a solid WHITE color.
>
> > *:* Depending on the mobile device, the connection complete screen may not be displayed.

8. Make sure that your mobile device reconnects to the same network that was used during the Allplay Adaptor setup.

> *Note*: If the network indicator does not light up, check the network name (SSID) and the password, and then tries the setup again.

2. Using WPS (Wi-Fi Protected Setup)

Wi-Fi protected setup (WPS) is a network security standard that allows you to easily connect your Wi-Fi Adaptor to your network.

> *Note:* This setup process is for Wi-Fi routers that have the WPS feature. Ensure that your router has this capability before using this setup option.

1. Turn the Allplay Adaptor on and wait for it to completely boot up. It will take approximately 60 seconds, and during this time the Wi-Fi LED will blink RED and WHITE. When boot up is complete the Wi-Fi LED will blink WHITE.

> *Note:* 1. if the Allplay Adaptor has been previously setup with

another network or if you wish to re-setup the Allplay
Adaptor, press and hold the "WPS" button on the Allplay
Adaptor for 2 seconds, enabling Wi-Fi setup mode (AP
Mode).

2. Press and hold the "WPS" button on the Adaptor for 2
seconds.

Note: The Wi-Fi LED will quickly blink RED.

Press and hold the WPS button on the wireless router for 2
seconds.

Note: When the connection is established, the Wi-Fi LED on the
speaker will turn a solid WHITE color.

Playing music

You can play music from your mobile device, home network, online
music services.

1. Home network

To stream music to your Adaptor from a mobile device on
your home Wi-Fi network, you need to download and install
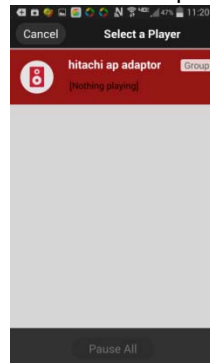the free "Hitachi Wi-Fi Speaker" app to your mobile device.

1. Turn the AllPlay Adaptor on.

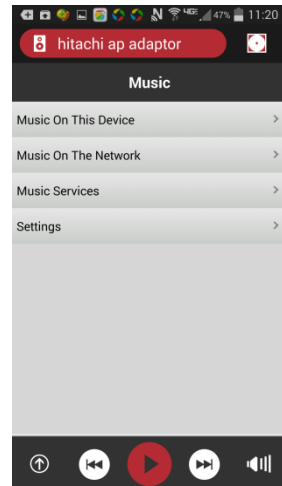*Note:*   The network indicator (WHITE) lights up.

If the Wi-Fi LED is blinking in WHITE and RED, wait until the
blinking stops (approximately 60 seconds).

2. Start the "Hitachi Wi-Fi Speaker" app on your mobile device.

3. Choose the speaker you wish to play music from ("Select a Player").

3.   Select a music source or music service.

5. Select a song, channels, play list, etc.

> *Note:*   You can listen to synchronized sound from multiple Hitachi
>   Wi-Fi speakers (additional speakers sold separately.)

Music playback may continue to play, when using "Music Services" in
the "Hitachi Wi-Fi Speaker" app, if you do not press pause before
exiting the app.

2. Grouping Speakers (Party Mode)

Grouping speakers together enables you to play the same music
through multiple speakers at the same time (Party Mode).
You can use the "Hitachi Wi-Fi Speaker" app to use party mode while in
the Wi-Fi Input. Optionally you can use other music/media apps on your
mobile device to use party mode while in the Bluetooth input.

1.   From the "Hitachi Wi-Fi Speaker" app, within the "Select a player"
      screen, select "GROUP" and add or remove speakers that you
   wish to group together (Party Mode).
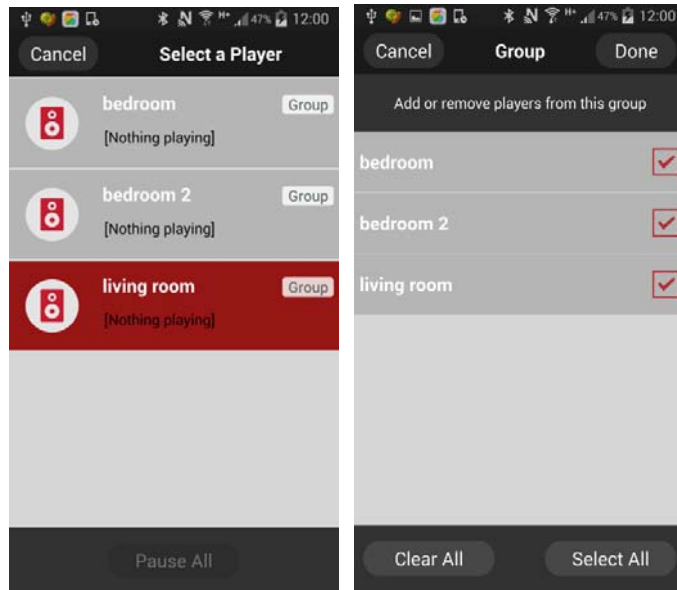
Note: When speakers are not grouped together, you can play
different songs on other Hitachi Smart Wi-Fi speakers at the
same time. You will need to select individual speakers
separately to choose the song, channels, play list, etc. that
will be played by the speaker.

Up to 10 Hitachi Smart Wi-Fi speakers can be managed from a single
mobile device.

3. Online music services

This speaker is compatible with several third party music services.
Available music services will be displayed within the app under
"Music Services."
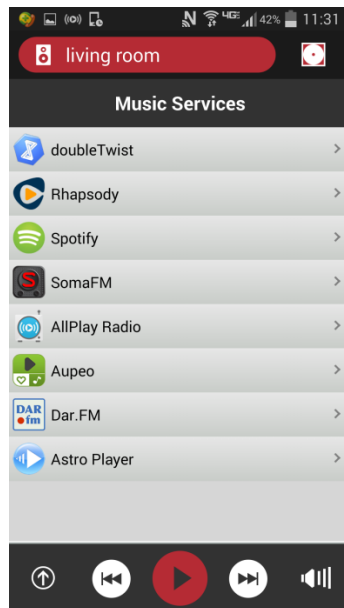
4. Using Spotify

1. Start the "Hitachi Wi-Fi Speaker" app, and select Spotify from Music Services.

Note: You will need Spotify Premium. For details, visit the following website.

www.spotify.com/connect/

: Registration/subscription is required.

: Fees may apply.

: Service icons, and specifications subject to change.

: For details, visit the individual music service's website.

: Spotify may not be available in all areas in which these speakers are sold and content availability and applicable charges are subject to change.

5. Using online music services other than Spotify

1. Select a music service from "Music Services" that you wish to listen to and select a song/station to play.

Note: Some third party music services accessible via Hitachi Wi-Fi Speaker App (e.g., Rhapsody, SomaFM, etc.) may require paid

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subscriptions to access some or all of their offered services; the Spotify free app can be used via the Hitachi mart Wi-Fi Speaker's Bluetooth or AUX IN inputs, but a Spotify Premium subscription is required to use Spotify over your Wi-Fi network. For any other audio sources that are not supported by Wi-Fi applications, connect to the Hitachi Smart Wi-Fi Speaker using its Bluetooth inputs.

Bluetooth Setup

You can also listen to music from a compatible Bluetooth device by using the Bluetooth input.

Preparation: Turn on the Bluetooth function of the Bluetooth enabled device.

1. Press the SOURCE button on the Adaptor to switch to the Bluetooth input.

2. When the Bluetooth LED blinks BLUE, the Adaptor is ready to pair with the Bluetooth enabled device.

Note: If the Bluetooth LED is a solid BLUE color, then another device is already paired with the Adaptor. Disconnect the current connection on mobile device. After the Bluetooth LED will blink BLUE, indicating it is ready for pairing.

●On your Bluetooth enabled device, in settings, under Bluetooth devices.

●On your Bluetooth enabled device, in settings, under Bluetooth devices, select (eg. bedroom/bedroom2/living room)

3. Pairing is complete when the LED on the Allplay Adaptor turns a solid, BLUE color.

Firmware updates

Occasionally Hitachi may release firmware updates for this speaker that may add features or improve functionality.

*Note:* During the firmware upgrade no other operations can be performed.

The firmware update process may require approximately up to 5 minutes completing.

: During the firmware update, do not disconnect the AC power supply. Doing so may cause malfunction or damage to the speaker.

: The Wi-Fi/BT LEDs will alternately flash while the firmware update is in process. After the update the speaker will auto reboot and the upgrade will be complete.

Preparation: Connect this Adaptor to your Wi-Fi network and make sure that the network is connected to the Internet.
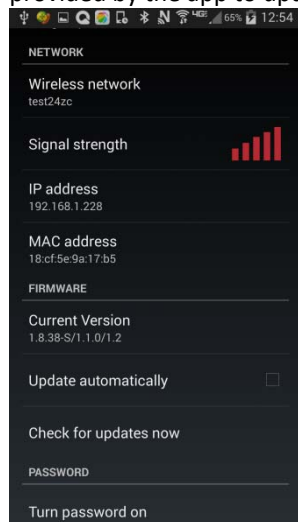
1 ,From the "Hitachi Wi-Fi Speaker" app, within the "Select a Player" screen, select your speaker.
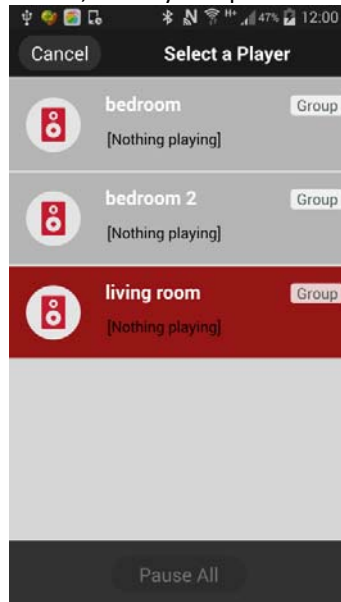
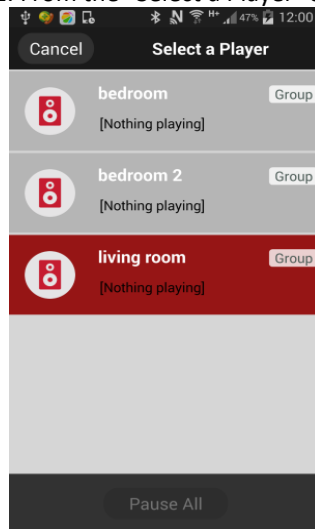2， After you select your speaker, continue to "Settings" and then
press the " ⚙ " button.
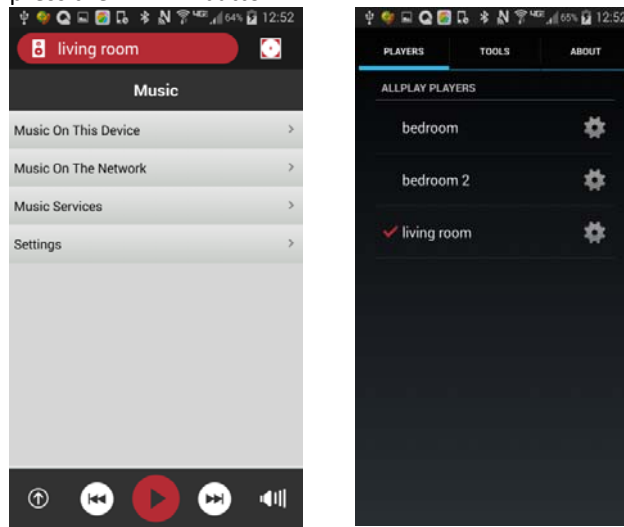
3， Scroll down to the "Firmware" section and select "Check for
updates now". The app will then check for updates and if there is
an update available for your speaker, follow the instructions
provided by the app to update.

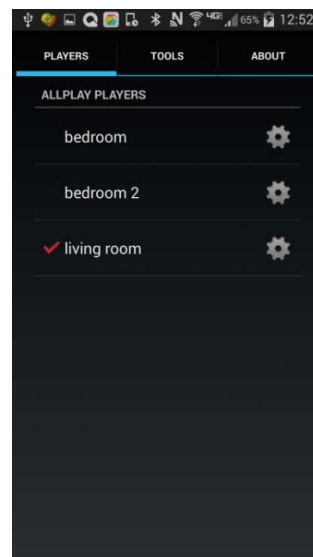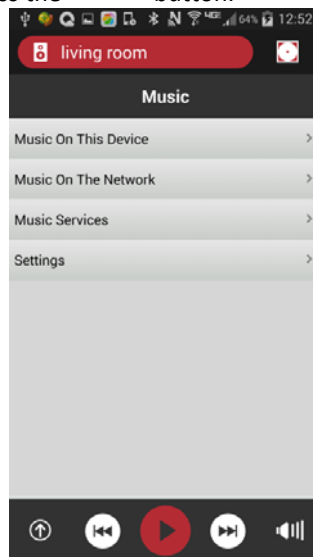# Adaptor IP & MAC address

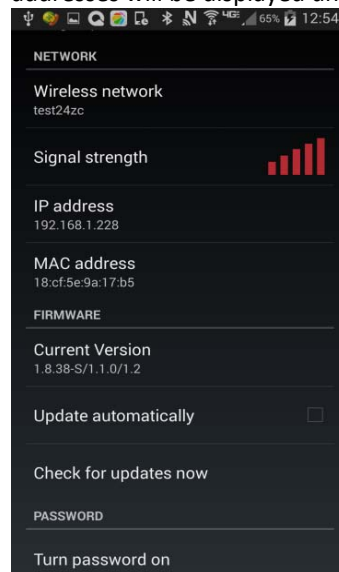Retrieve the IP and MAC address of your speaker.

  1. Start the "Hitachi Wi-Fi Speaker" app.

  2. From the "Select a Player" screen, select your speaker.

  3. After you select your speaker, continue to "Settings" and then press the " ⚙ " button.

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4， Scroll down to the "Network" section and the IP and MAC
    addresses will be displayed under IP/MAC address.

Troubleshooting

Before requesting service, make the following checks.
If the problem remains unresolved, consult your dealer for instructions.

Humming noise is heard during playback.

- There are cords/cable from other appliances or fluorescent light near the speaker's AC power supply cord. Turn these appliances off or move them away from the speaker's AC power supply cord.

Distorted sound when using the AUX IN input.

- High levels of input signal can cause sound distortion. Turn down the volume of the connected external device to reduce the input signal.

The Wi-Fi LED does not stop blinking in WHITE and RED, even after completely unplugging and re-booting the speaker.

- The speaker needs to be repaired. Consult service.

The Wi-Fi LED keeps blinking WHITE.

- This speaker is not connected to the network. Check the network connection.

Cannot connect to the network.

- This speaker can connect to routers set with security modes WPA2, WPA/WPA2 mixed mode, or open. For details on security supported by the router, refer to the router's Owner's Manual.
- If your wireless router is set to hidden (Hide SSID broadcast), disable hidden mode while you set up the network for this speaker. Refer to your router's Owner's Guide for additional information.
- Make sure that the multicast function on the wireless router is enabled.
- WPS button may not work with your router. Try other setup methods.

Unable to select this speaker as the output speaker.

- Make sure that the mobile device is connected to the same

network as this speaker.
- Reconnect your mobile device to the network.
- Restart or reset your wireless router.

Audio is interrupted or playback does not start.
- When using the 2.4 GHz band on the wireless router, simultaneous use of other 2.4 GHz devices (cordless telephones, microwaves, etc.) may result in connection interference. Increase the distance between the speaker and these devices.
- Try using the 5GHz band, if supported by your router. Refer to your router's Owner's Guide for more information.
- Do not place the speaker inside a cabinet made of metal. Doing so may block the Wi-Fi signal.
- Place the speaker closer to your wireless router.
- If several wireless devices are simultaneously using the same network as the speaker, try turning off the other devices or reducing their network usage.

Resetting the AllPlay Adaptor to factory default

To return all settings to the factory defaults

1. Turn the Allplay Adaptor on.
If the Wi-Fi LED is blinking WHITE and RED, proceed to the next step after the LED turns solid WHITE (wait approximately 60 seconds).
2. Press the Reset key with the PIN through the RESET hole (located at the back of the Adaptor).
3. The Bluetooth and Wi-Fi LEDs will blink three times simultaneously when the factory reset is complete.
4. After the factory reset is complete the Adaptor will take 60 seconds to reboot. The Adaptor will then be ready to set up again.

Specifications

(Specifications subject to change without notice)

General	
Input source	Wi-Fi/BT
3.5mm AUX	YES
DC IN	YES
Modulation Type	CCK, DQPSK, DBPSK, 64QAM, 6QAM, QPSK, BPSK
Operating temperature	32°F ~ 104°F (0°C ~ 40°C)
Operating humidity	40~90% RH
Dimension (Φ x H)(mm)	94"x24.7"
Weight (g)	143
Supported Audio Formats	
iOS Controller	.aac / .mp3 / .alac / .wav / .m4a (aac+)
Android Controller	.aac / .mp3 / .alac / .wav / .m4a (aac+) / .flac
Bluetooth	
Version	4.0
Range	10m (Line of sight)
NFC connection	NO
Wi-Fi	
Frequency	2.4GHz and 5GHz
Type	802.11a/b/g/n
Range	90m in Open area
Security Type	WAP2
Power	
Power input	DC IN 5V/1A

FCC RF Exposure Information and Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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
 - This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.