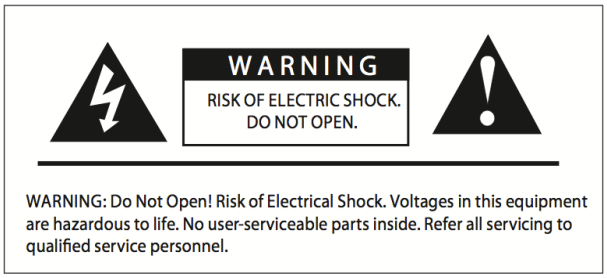
Platin High Definition 5.1
Wireless Home Theater System
W-30D, W-30M, W-30C, W-30W

Owners Manual

Important Safety Information

- Read and follow all instructions, warnings and cautions when connecting the Platin audio hub and speakers. Keep these instructions for future reference.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Protect all power cords from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the audio hub and speakers.
- Refer all servicing to qualified service personnel. Servicing is required when the audio hub or speakers have been damaged in any way, such as the power-supply cord or plug is damaged, liquid has been spilled, objects have fallen into the them, they have been exposed to rain or moisture, do not operate normally, or have been dropped.
- Only use attachments/accessories specified by the manufacturer.



- This product is intended to be operated only from the AC voltages listed on the back panel of the wireless transmitter hub and speakers. Operation from voltages other than those indicated might cause irreversible damage to the product and void the product's warranty. The use of AC plug adapters is cautioned because it can allow the product to be plugged into voltages in which the product was not designed to operate. If the product is equipped with a detachable power cord, use only the type provided with your product or by your local distributor and/or retailer. If you are unsure of the correct operational voltage, please contact your local distributor and/or retailer.
- Do not use this apparatus near water.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with manufacturer's instructions.
- Use only with the cart, stand, tripod, bracked, 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.
- Unplug this apparatus during lighting storms or when unused for long periods of time.

WARNING

- To reduced the risk of fire or electric shock, do not expose this apparatus to rain or moisture

  The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

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.

Cet appareil est conforme à la section 15 des réglementations de la FCC. Le fonctionnement de l'appareil est sujetaux deux conditions suivantes :
(1) cet appareil ne doit pas provoquer d'interférences néfastes, et
(2) cet appareil doit tolérer les interférences reçues, y compris celles qui risquent de provoquer un fonctionnement indésirable.

Note: This product 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 product 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 product 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.

Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment should be installed and operated with a minimum distance 20cm between the radiator and your body

Cet équipement doit être installé et utilisé à une distance minimale de 20 cm entre le radiateur et votre corps

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:
(1) this device may not cause interference, and
(2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radioexempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut
fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

The user manual for local area network devices shall contain instructions related to the restrictions mentioned in the above sections, namely that:
(i) the device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;
(ii) the maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall comply with the e.i.r.p. limit; and
(iii) the maximum antenna gain permitted for devices in the band 5725-5825 MHz shall comply with the e.i.r.p. limits specified for point-to-point and non point-to-point operation as appropriate.

(i)Les dispositifs fonctionnant dans la bande 5150-5250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.
(ii) le gain d'antenne maximal autorisé pour les appareils dans les bandes 5250-5350 MHz et 5470-5725 MHz doivent respecter le pire limiter; et
(iii) le gain d'antenne maximal autorisé pour les appareils dans la bande 5725-5825 MHz doivent respecter le pire limites spécifiées pour le point-à-point et l'exploitation non point à point, le cas échéant.

Users should also be advised that high-power radars are allocated as primary users (i.e. priority users) of the bands 5250-5350 MHz and 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

Les utilisateurs de radars de haute puissance sont désignés utilisateurs principaux (c.-à-d., qu'ils ont la priorité) pour les bandes 5250-5350 MHz et 5650-5850 MHz et que ces radars pourraient causer du brouillage et/ou des dommages aux dispositifs LAN-EL.

Notes

Wireless Speaker includes a wireless module 444-2224(FCC ID: UA9600 IC:9129A-600). The module is assembled on the amplifier board.

Wireless Hub includes a wireless module 444-2216(FCC ID: UA9500 IC:9129A-500). The module is assembled on the main board.

The wireless Speaker don’t have power off and standby mode, Because they need to be wake up at anytime. So it can not be shut off. When the wireless hub goes to shut off or standby mode, 10 minutes late, wireless speaker will go into network standby mode ,the power consumption is less than 2W.

Platin High Definition Wireless Home Theater

Thank you and congratulations on your purchase of the latest advance in multi channel home theater convenience and technology. Featuring the ultimate marriage of performance and, WiSA compliance, 5.1 surround system brings the world of wireless, high definition sound within reach. The compact 5.1 system packs plenty of power with it's 250W sub and dynamic 30W satellite speakers. The advanced, 5 GHz UNII frequency spectrum wireless broadcast features a latency of less than 6 ms, ensuring accurate and robust wireless performance. The hub provides multi connectivity HDMI, SPDIF,Bluetooth and audio decoding for sources such as Blu-ray Disc™ players, set top boxes, game consoles and TVs. The product is fully compliant with the Wireless Speaker and Audio (WiSA) Association standards.

Features

- Uncompressed digital wireless 5.1 surround sound
- Powerful 250W subwoofer
- Five 30W, 2 way satellite speakers
- HDMI version 1.4
- DTS
- Dolby Digital
- Dolby Pro Logic II
- Bluetooth audio
- Three HDMI Inputs
- Digital Audio Input (Optical)
- Analog Stereo Audio Input (3.5 mm headphone jack)

Carton Contents

Your 5.1 HD Wireless Home Theater comes with the following components:

- (1) Audio Hub
- (1) 250W subwoofer
- (4) 30W, 2 way satellite speakers (marked as right speaker, left speaker, right surround speaker and left surround speaker
- (1) Center channel speaker
- (1) Remote control with 2 AAA batteries
- (1) Power adapter for the Audio Hub
- (6) Power cords for the speakers

**Items required to complete the set up:*

- HDMI cable(s) (sold separately). One for each component such as DVD player, TV, cable set top, etc.

**Optional items that may be required to complete the set up, depending on your A/V components:*

- 3.5 mm male to 3.5mm male stereo cable
- Optical (SPDIF) cable

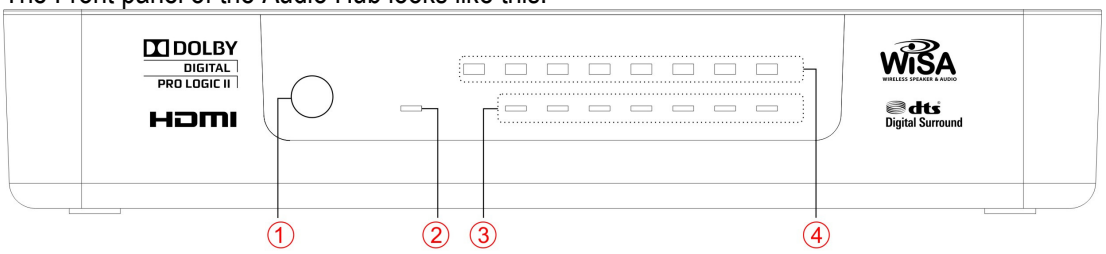
Connections and Installation

NOTE: DO NOT connect the AC power to the hub until all of the speakers are in place and powered up.

Connections:

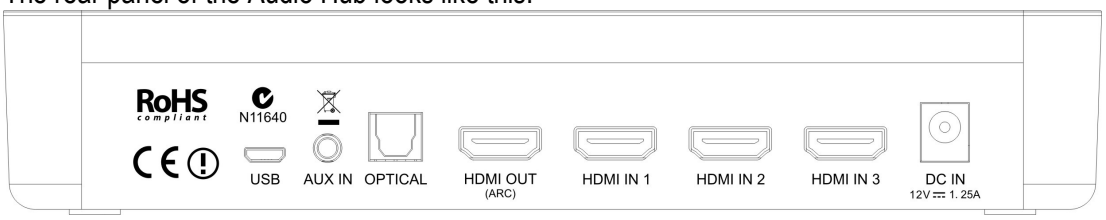
The rear panel of the Audio Hub has 3 HDMI inputs, one digital audio input and 1 analog audio (3.5mm mini plug). Depending on the components that you want to hook up to your system, you can choose any or several of the connections. Older components like VCR's, CD players, or some game players may not have an HDMI connection and must be connected to the hub via the analog audio input. This 3.5mm input can also be connected to iPods or other hand held devices with a headphone output.

The Front panel of the Audio Hub looks like this:



1.IR Receiver
2.Standby Indication
3.Source
4.Volume Indication

The rear panel of the Audio Hub looks like this:



USB: for software update
AUX IN: analog audio input
OPTICAL: digital audio input
HDMI OUT: connect to TV
HDMI IN 1: HDMI input 1
HDMI IN 2: HDMI input 2
HDMI IN 3: HDMI input 3
DC IN: power connector

In terms of locating the audio hub with your AV gear, remember that the hub is a wireless transmitter. The transmission range may be affected if the hub is located underneath or behind a mountain of other AV gear in metal boxes, or stuffed in a closet. Further, the audio hub requires a clear line of sight to

the infrared remote control so you will need to keep in mind the listener position in the room when you locate the hub. After you have decided the best location for the hub in your component stack, plug the A/V cables in first per Figure 1.

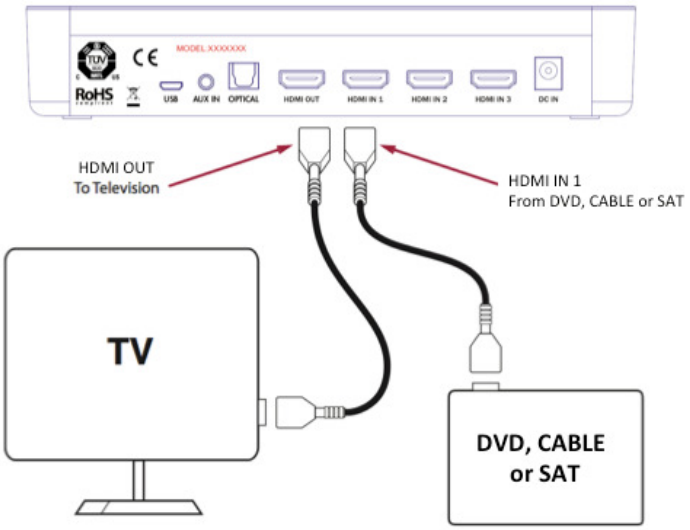
Connect the HDMI “outputs” of your DVD player, Cable or Satellite box or game player to the input(s) on the audio hub using a quality HDMI cable. Then connect the HDMI output of the audio hub to an available HDMI input on the TV or monitor. The video content of the DVD player or cable box will be passed through the Audio Hub to the TV and the audio will be broadcast to the HD wireless speakers in the room.

Make sure the TV is tuned to the same input that the Audio Hub is connected to – there is usually more than one HDMI input. If your hub is connected to HDMI 1 on the TV but your TV is tuned to HDMI 2, there will be no picture to go with the sound. Please refer to your TV owners manual if necessary. Also, make sure the volume on your internal TV speakers is muted or turned all the way down.

If you want to connect an analog source (CD, VCR or iPod/MP3 player, etc.), use the 3.5mm mini jack input labeled “AUX”. We will set up the Bluetooth input at a later time when the unit is powered up.

If your source component doesn’t have HDMI, but has a digital audio output compatible with an optical (TOSLINK) connection, use the “OPTICAL” input on the Audio hub.

Figure 1. Typical installation hookup:



Placing the speakers:
To get the best audio reproduction from surround-sound encoded material, we recommend you place the speakers in a configuration similar to the diagram in figure 2 to start. Room construction, reflections and other factors can sometimes heavily influence the sound that you hear. Generally speaking, you want the speakers to focus on a single point within the room – usually called the "sweet spot". It is the circled number 7 in figure 2. Start with this general positioning and you can move the speakers to suit your personal taste and preferred content later.

The speakers are marked with their position on the back panel, i.e., "Right Rear Surround", or "Center" and the electronics are pre-set at the factory with the same information. The Audio hub will decode the content and send the proper signal to each of the speakers so it is important to get them in the right location for the best sound.

One more factor in determining position: While the speakers are wireless in how they get their content, they still need AC power to play and run the amplifiers inside. You will need to make sure that you have access to 110V, 60 Hz AC power near the location of the speakers. Surge protection is recommended but not required. If an extension cord is required, get the shortest length possible to do the job. 120 feet of extension cord may be handy outdoors, but is not optimum for high end home theater equipment.

**Tip: One of the biggest complaints of newcomers to 5.1 surround sound is that they do not hear the rear surrounds. Note that the surround information (depending on the content played) is generally "fill in" content to create the 3D surround effect. It is not supposed to be super loud and in fact, in most cases is usually subtle. It is also heavily dependent on the source material. If you are listening to 2 channel stereo content, you should not hear anything from the surrounds. Not all movies and TV shows will be encoded with multichannel surround sound. If you are not hearing sound from the rear surrounds, check the source content first. If you are concerned that the speakers are not working, you can use the speaker chime test tones described later in this manual.*

Figure 2. Speaker Placement

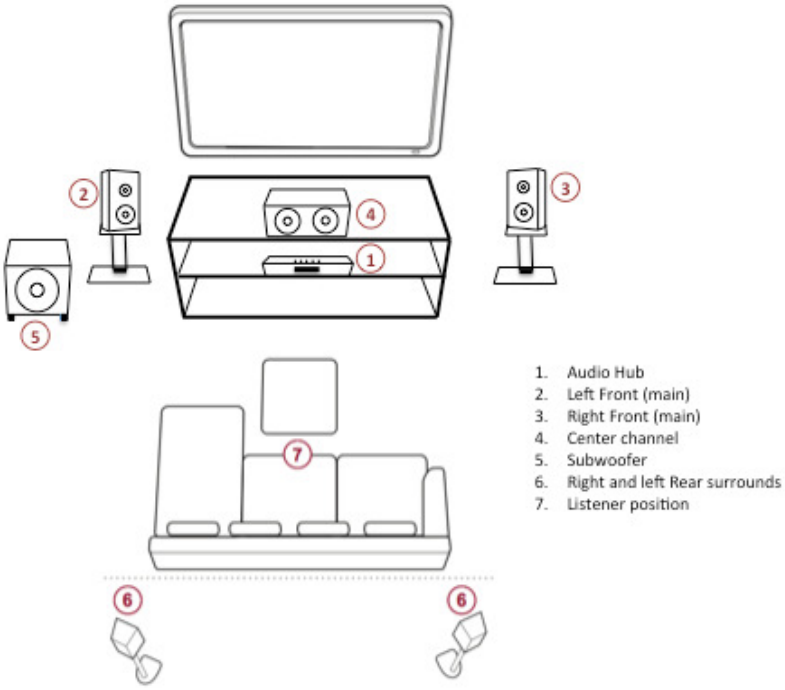
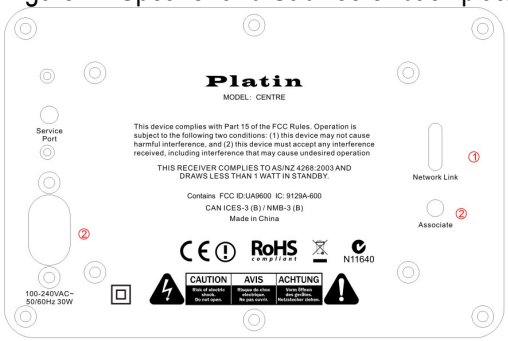
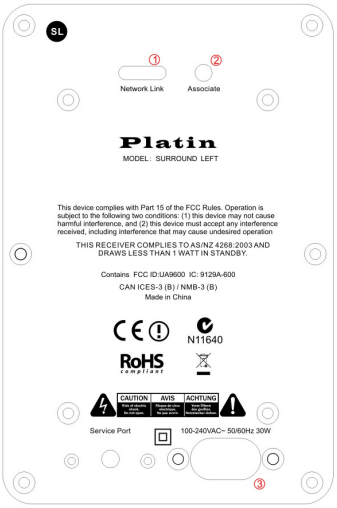
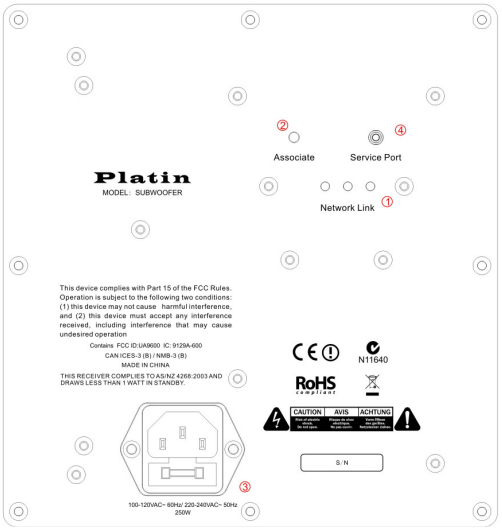


Figure 4. Speaker and Subwoofer back plates







1. Network Link:
   red led solid: systerm error
   1 green led solid : this speaker is associated to the system
   2 green led blink: this speaker is not associated to the system
   1 green led blink: this speaker is associated to the system, but now the hub is off

2. Associate button: used to associated the speaker to the system

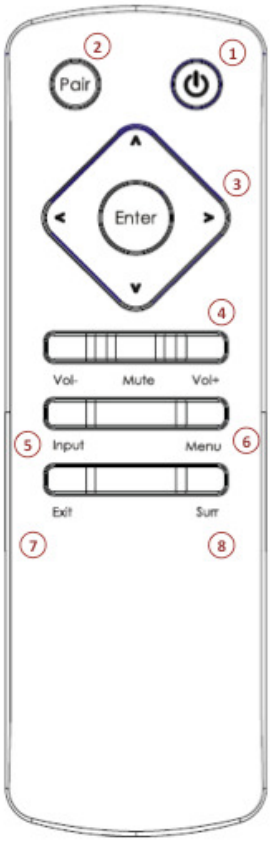
3. Power socket :used to connect the power cord

4. Service pore: used to updated the firmware

Remote Control

Open the battery door on the back of the remote and insert 2 AAA alkaline batteries. The polarity (+/-) is marked on the inside of the battery compartment. The remote functions are listed in Figure 3.

Figure 3. Remote control:



1. Power on/off
2. Bluetooth pairing button
3. Navigation cluster – to navigate menu system
4. Volume up/down/mute
5. Input selection (HDMI 1,2,3, Aux, Optical, BT)
6. Menu (brings up set up menu on TV)
7. Exit – exits all menu screens
8. Surround Mode selection (Off, Music, Movies, Matrix)

Set up and Operation

NOTE: For first time set up, the following must be done in the correct order.

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1. Make sure your TV set is on and tuned to the proper input for the Audio Hub.
2. Plug the power cords into the speakers and subwoofer. Then plug the power cords into a 110V, 60 Hz AC wall outlet. You need press the 'Associate' button on back panel of the speaker until you hear the test tone. The Subwoofer is different - there is no test tone. Also you should see the "Network Link" LED lights on the back panel of the speakers flashing fast.
3. Plug the Audio Hub AC adapter into the back of the hub and plug the power brick into a 110V AC, 60 Hz wall outlet. Now the red LED on the front panel should light. Then power on the hub using the remote control or the power button on the top of the Audio Hub.
4. The speakers and the hub will wirelessly find each other and link. This process may take several seconds. The red LED should be off and 2 lines of white LEDs should be on. After

about 15 seconds, the top row of LEDs will show the current volume and the bottom row of LED's will show the current source. You should also see an on screen message on the TV that reads "System Initializing". When properly linked, the "Network Link" lights on the speaker back panels will be on and steady green. You should also see an on screen message that shows the number of speakers found. That number should be 6: 4 satellite speakers, one center channel and one subwoofer. If it doesn't show 6 speakers found, or shows "no speakers found", you will need to do a factory reset from the menu system. From the remote control, press Menu and you should see the OSD menu on the TV, select 'Setup', select 'Advanced', select 'Factory Reset'. The audio hub will power down automatically. Then power on the hub again. If the system still cannot find all the speakers, refer to the troubleshooting section.

5. As mentioned in the installation section, the electronic address that the speaker uses is pre set at the factory. The hub will decode the content and the proper signal will be sent to each speaker. The subwoofer will get low frequency information, the right rear surround will only get right rear surround information, etc.
6. Once you are satisfied that all of the speakers are linked with the hub, you can put in your favorite movie or turn on your satellite box and enjoy your favorite show in 5.1 surround sound.

Note: The system will automatically save the configuration when started successfully.

Setting up the Bluetooth input

The system has the ability to play music content from your smart phone or computer using the Bluetooth link. To pair the system with your device, simply do the following:

1. Press the "Pair" button on the top of the Audio Hub or aim the remote at the Audio Hub and press the "Pair" button on the remote.
2. Your device should have a set up menu that allows you to turn Bluetooth on or off, or in "discovery mode". Look for the name "Platin" and select it or tell your device to connect. The system should auto pair with your device. There is no passcode to enter.
3. Press the Input button on the remote or on the top of the Audio Hub until the "Bluetooth" LED on the front panel of the Audio Hub is light. You should now be able to play music from your device through the system. Adjust the volume on the device and the system as required. Remember that using Bluetooth is similar to using headphones on your device. You will need to make sure the volume of the device is turned up a little more.

Using the HD Wireless Audio system

1. Top panel and remote operation.

The Audio Hub top panel provides manual operation for some of the functions provided by the remote control unit. The functions provided by the front panel are:

• Power
• Source
• Volume –
• Volume +
• Pair

These front panel controls operate just as the corresponding buttons on the remote control do. For example, pressing the “Power” button will toggle the power on the Audio Hub, etc.

1.1 Pressing the Source button on the remote or the top panel will cause the system to select the next input, corresponding to the inputs on the back of the unit. Make sure that you select the right input for the device (DVD, Cable box, etc.) that you are playing. The system default is HDMI1; however the current audio source selection is retained even when the system is powered off. The input port sequence is identical to that of the remote control “Input” button and is as follows:

HDMI 1, HDMI 2, HDMI 3, Optical, Aux, Bluetooth

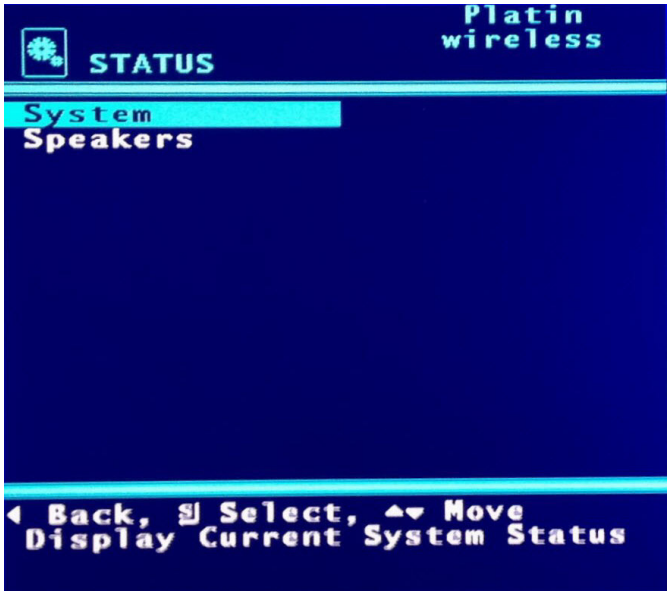
1.2 When restarting the system after the initial set up, the system will do a quick check to make sure all of the speakers are located. The OSD will alert you if there are any problems found with the speakers such as missing speakers (check to make sure they are all plugged in), or duplicate speakers found. In other words, the system is sensing 2 right surrounds or 2 subwoofers, etc. If you have not added or changed your speaker configuration since your set up, try restarting or resetting the system. You can also check the “Advanced Speaker Tool” in the menu system described below or check the troubleshooting section.

2. Menu System and On-Screen Display (OSD)
Press the Menu button on the remote, and the main menu will be displayed on the TV.

Input Source: Used to select the source you want to view or hear. For example, DVD or Cable/Sat, etc.

Status: Select to enter the status menu

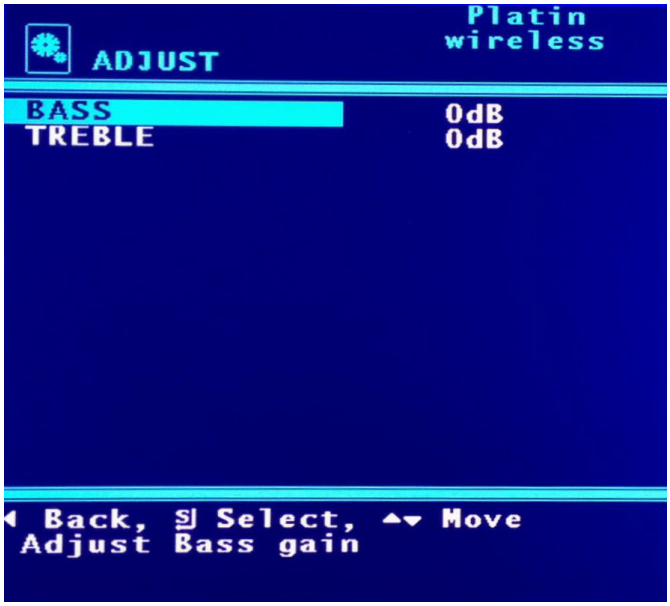
Setup: Select to enter the setup menu



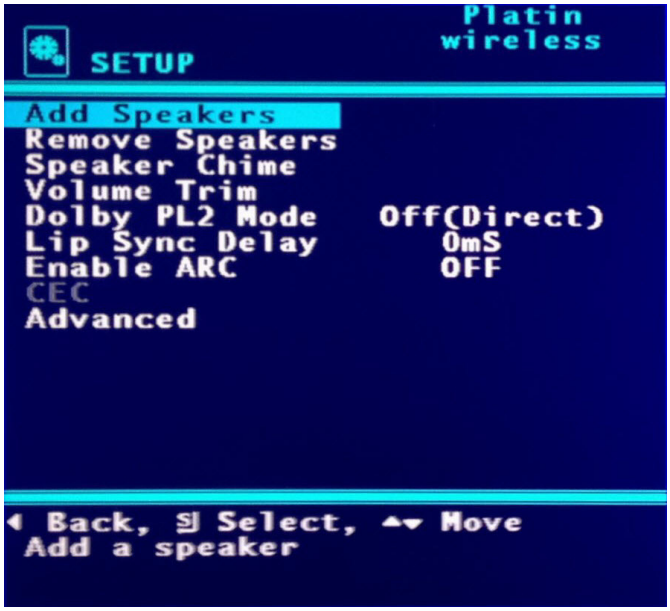
From this menu, you can choose to view the status of the system or of the speakers

From this menu, you can see the status of the system. It Includes the current input source, input signal type, speaker map and surround mode.

From this menu, you can see the status of the speakers.



From this menu, you can adjust the level of the bass and treble.



Add Speakers is used to add a new speaker to the current system.

Remove Speakers is used to remove a speaker from the current system.

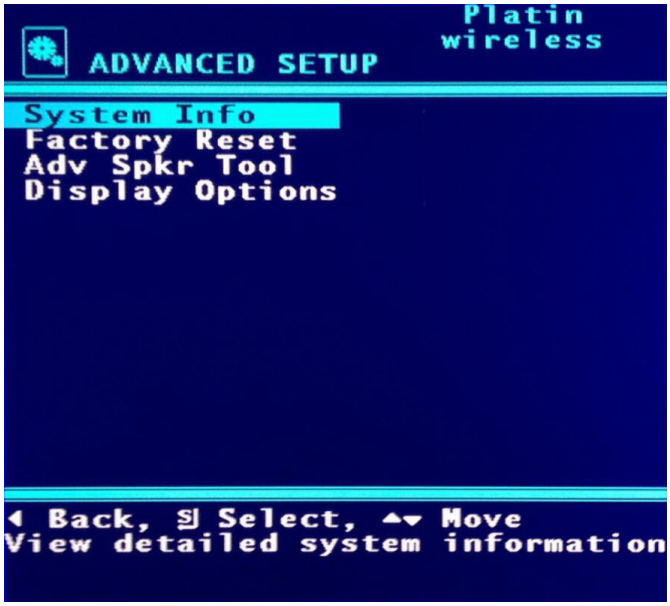
Dolby PL2 Mode: Is used to setup the surround mode for stereo audio.

Lip Sync Delay: Is used to synchronize the audio and video signal from the source. You can delay the audio to match the video.

Enable ARC : When set it to “on”, the TV will be active as a source.

In the speaker chime menu, If you select one speaker, You will hear a test tone from that speaker. This will help you to verify if this speaker is working properly.

Speaker Trim menu allows you to play a test tone from the selected speaker to verify correct operation and assist in placement.

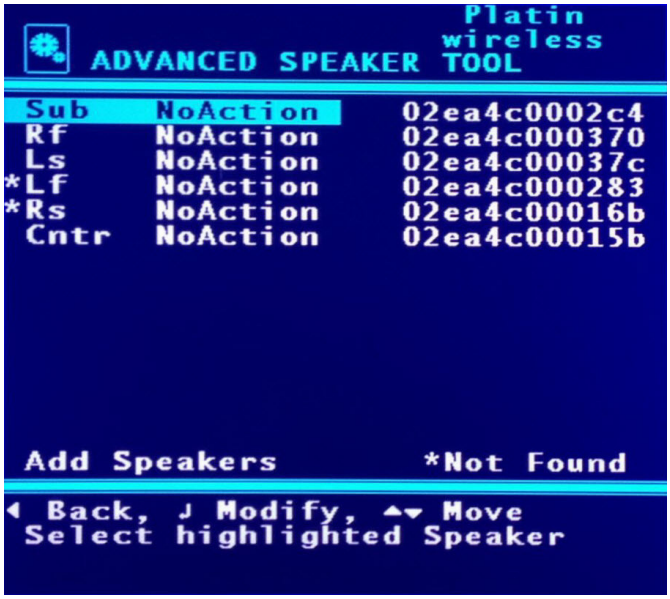


System Info: Displays the firmware version

Factory Reset: To reset the system back to factory defaults.

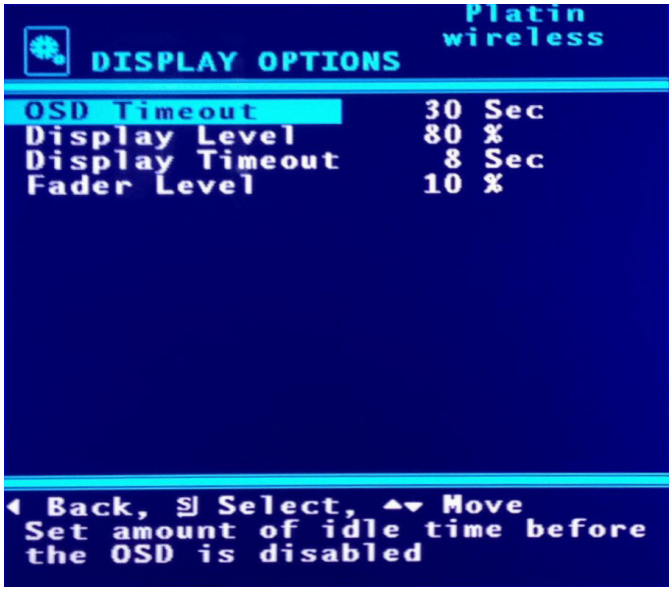
Adv Spkr Tool: See next section.

Display Options: See next section.



Adv Speaker Tool:
This menu will list all found speakers and allow you to modify them.

Options in this menu include reassigning speaker outputs, chiming speakers to find their current position, and removing speakers.



OSD Timeout: Duration the OSD will remain on screen after the last user initiated operation.

Display Level: It is used to adjust the brightness of the front LED display.

Display Timeout:
Duration the LED Display will remain lit at the “Display Level” It means how long time the front LED will display at display level

Fader Level: The level that the front LED will dim to when user operation has stopped.

Troubleshooting

1. The most common reasons for no sound or no picture include:
   - Loss of power to the speakers or hub
   - Wrong input selected on the Audio Hub
   - Wrong input selected on the TV
   - Check the remote control batteries
   - Check the content source – make sure it is on and playing
2. The OSD shows 'unknown error', when the system is powered on.
   Try turning the system power off, and power on it again.
3. The OSD shows 'missing speaker', when the system is powered on.
   Make sure all of the speakers are plugged in and powered correctly. Keep in mind that some home electrical outlets require a wall switch to be "on".
4. The "speaker count" displayed on the OSD is not correct for your set up.
   Check to make sure that all speakers are plugged in and powered correctly.
   Check the 'network link' LED light – it should be on. If not, press the 'Associate' button on the back panel of the speaker until you hear the test tone, then do a factory reset on the hub.

Warranty:

TBD

System Specifications

Speakers
R/L/RS/LS: 30W; 1x3" midrange, 1x.75" tweeter
Center: 30W; 2x3" midrange, 2x.75" tweeter
Sub: 250W, 8" woofer
RF
5.1 ms audio latency source-to-speaker
Up to 5.1, 24-bit, 48 kHz, uncompressed audio
2.4GHz Bluetooth, A2DP, AVRCP
24 RF channels, 5-5.8 GHz operation
Dimensions:
R/L/RS/LS: 162mm x 110mm x 148 mm (HxWxD)
Center: 112mm x 320mm x 148mm
Sub: 430mmx 400mm x 400mm