Paradigm®

premium wireless series



OWNER'S MANUAL

dts Play-Fi® music is home

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RECYCLING AND REUSE GUIDELINES FOR EUROPE

In accordance with the European Union WEEE (Waste Electrical and Electronic Equipment) directive effective August 13, 2005, we would like to notify you that this product may contain regulated materials which, upon disposal, according to the WEEE directive, require special reuse and recycling processing. For this reason Paradigm Electronics Inc. (manufacturers of Paradigm speakers and Anthem Electronics) has arranged with our distributors in European Union member nations to collect and recycle this product at no cost to you. To find your local distributor please contact the dealer from whom you purchased this product or go to our website at paradigm.com.

Please note that the product only falls under the WEEE directive. When disposing of packing and other shipping material we encourage you to recycle through the normal channels.

PW800: FCC ID: R48TT025 and IC ID: 7190A-TT025 **PW 600:** FCC ID: R48BS025 and IC ID: 7190A-BS025 **PW AMP:** FCC ID: R48MP025 and IC ID: 7190A-MP025
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 information that may cause undesired operation. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. For indoor use only in the band 5150–5250 MHz.

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.

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.

WIRELESS TRANSMITTER COMPLIANCE INFORMATION

The term "IC" before the radio certification number only signifies that Industry Canada technical specifications were met. This equipment complies with FCC and IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 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. 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 permitted for successful communication.

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Paradigm Electronics Inc.
205 Annagem Blvd., Mississauga, ON, Canada L5T 2V1

For more information visit **paradigm.com**



032015

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CONGRATULATIONS!

Thank you for purchasing this Paradigm® Premium Wireless Series product.

Paradigm® and its sister company, Anthem® have leveraged over 30 years in groundbreaking loudspeaker and amplifier design to create the Paradigm® Premium Wireless Series of wireless speakers and powerful amplifier.

The inclusion of DTS Play-Fi® technology to Paradigm's technology platforms means you can enjoy high fidelity, lossless music streamed from your Android device, iOS device, tablet or PC – to a premium sounding Paradigm speaker, or amplifier. Using your home Wi-Fi network, you can stream music to individual speakers, or play the same music to all Paradigm® Premium Wireless Series devices you have installed – all with crystal clear clarity.

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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 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.

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IMPORTANT SAFETY INFORMATION



The lightning bolt flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



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



WARNING! Do not use your Paradigm product(s) outside of the country of original sale—voltage requirements vary by country. Improper voltage can cause damage that will be potentially expensive to repair. Paradigm products are shipped to authorized Paradigm distributors with the correct power supply for use in the country of intended sale. A list of authorized distributors can be accessed at www.paradigm.com or by emailing info@paradigm.com.



WARNING!

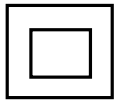
RISK OF ELECTRIC SHOCK
DO NOT OPEN





WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE AND OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHOULD NOT BE PLACED ON THIS APPARATUS.

- TO COMPLETELY DISCONNECT THIS APPARATUS FROM THE AC MAINS, DISCONNECT THE POWER SUPPLY CORD PLUG FROM THE AC RECEPTACLE.
- THE MAINS PLUG OF THE POWER SUPPLY CORD SHALL REMAIN READILY ACCESSIBLE.



This equipment is a Class II or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth.

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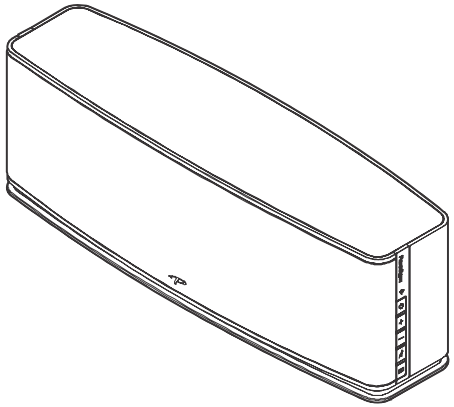
WHAT'S IN THE BOX ...

PW 800 *Premium Wireless Speaker*

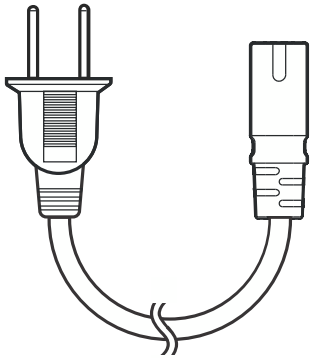
1. Paradigm PW 800 Speaker
2. 6' (1.8 m) Power Cable
3. 6' (1.8 m) Ethernet Cable
4. ARC™ Microphone
5. 15' (4.5 m) ARC™ Microphone USB Cable
6. Owner's Manual

Subwoofer speaker: 6Ωx2pcs
Tweeter speaker: 3Ωx2pcs

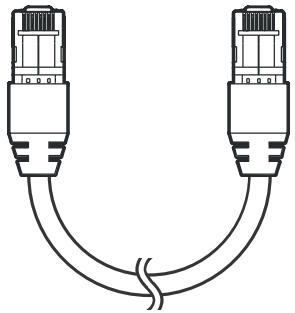
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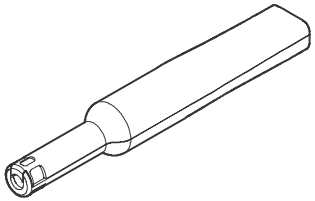
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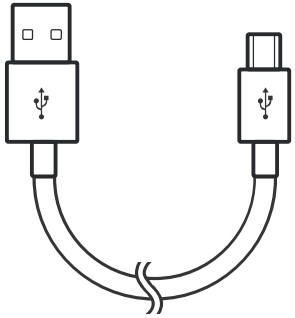
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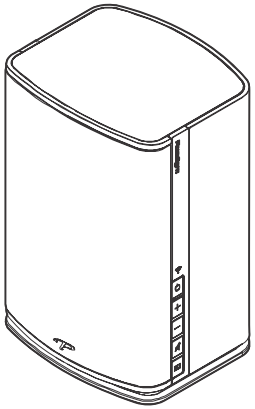
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PW 600 *Premium Wireless Speaker*

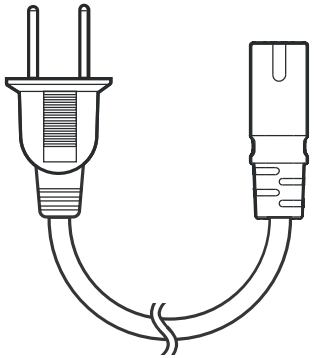
1. Paradigm PW 600 Speaker
2. 6' (1.8 m) Power Cable
3. 6' (1.8 m) Ethernet Cable
4. ARC™ Microphone
5. 15' (4.5 m) ARC™ Microphone USB Cable
6. Owner's Manual

Subwoofer speaker: 6 Ω x 1pc
Tweeter speaker: 3Ω x 2pcs

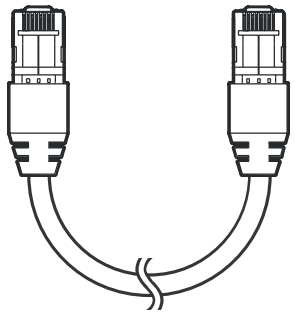
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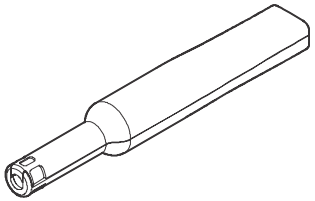
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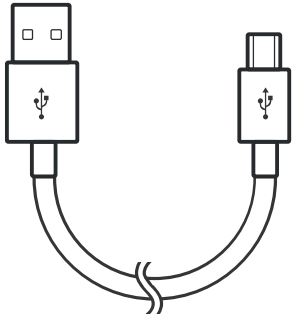
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6



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NETWORK REQUIREMENTS

You must have the following to connect your Paradigm product to your network:

- A high-speed DSL/Cable modem or a fiber-to-the-home broadband connection for reliable playback of music services based on the internet. **Note: Satellite internet services are prone to playback issues due to fluctuating download rates.**
- If your modem is not a modem/router combination **you must purchase and install a router into your home network before proceeding.**
- If you plan to use the DTS Play-Fi® App on an Android™ or iOS device or you are setting up a Paradigm product for Wi-Fi streaming, you will need a wireless router.
- Have your network password ready before connecting the Paradigm product to your network.

NOTE: *If your wireless connectivity is weak or not available, connect your Paradigm product to your router with the supplied ethernet cable.*

TIP! *Paradigm Premium Wireless Series products communicate with wireless networks that support 802.11 g/n wireless technology. For the fastest streaming performance, a network that supports 802.11 n wireless technology is recommended. A network supporting 802.11b may be used, but it will effectively stream to only one device equipped with DTS Play-Fi®.*

TIP! *For superior performance connect your PC or NAS (Network-Attached Storage) drive that holds your personal music library to your network router using the provided Ethernet cable.*

SYSTEM REQUIREMENTS

- An Android device running Android 2.2 or later.
- An iOS device running iOS 6.0 or later.
- A Windows® PC running Windows® 7, 8 or 8.1 (32 and 64 bit).

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FEATURES & FUNCTIONS:

Power Button (⏻):

- Press ⏻ to switch the power on/off.
- Press ⏻ to reboot your Paradigm product *(see page 21)*.
- Press ⏻ to reset your Paradigm product to factory settings *(see page 21)*.

Volume Up/Down Buttons (+/–):

- Press + to increase the volume level. Press – to decrease the volume level.
- Press and hold either +/– to ramp the volume level up or down.

Mute Button (🔇):

- Press 🔇 to mute the audio. The Mute button (🔇) will illuminate WHITE when the mute function is active.
- **The Mute Button (🔇) also switches on/off ARC™ Settings**
  - To setup ARC™ and to learn how it corrects room deficiencies see page 20.
  - To switch off ARC™ settings: PRESS and HOLD 🔇 for 5 seconds. Upon releasing the button, a "negative tone" will sound verifying ARC™ settings are switched off.
  - Repeat the process to switch on ARC™ settings. You will hear a "positive tone" when ARC™ settings are switched on.

Input Button (⏍):

- PRESS and RELEASE the ⏍ to toggle between Wireless/Wired Network Streaming Mode ***AND*** Rear Input Mode.
- The Input button (⏍) illuminates WHITE when Wireless/Wired Network Streaming Mode is enabled and BLUE when the Rear Input Mode is enabled.
- Your Paradigm product has the following rear input: 3.5 mm Analog Input (PW 800 and PW 600) ***OR*** RCA Analog Input (PW AMP).
- Wireless/Wired Network Streaming Mode is the default input mode. If your Paradigm product is set to Rear Input Mode and music is streamed, by default your Paradigm product will switch to Wireless/Wired Network Streaming Mode.

Wi-Fi Setup Button:

- Initiates Wi-Fi setup for both Wi-Fi Protected Setup (WPS) *(see page 14)* and Standard Wi-Fi Setup *(see page 16)*.

Stereo/Mono Setting Switch (L/S/R) *(PW 600 ONLY)*:

- For stereo output from one PW 600 speaker, set the switch to the "S" (Stereo) position. If you choose to have a stereo pair setup with two Paradigm PW 600 speakers, set the switch to either "L" (Left) or "R" (Right) depending on the position of your speaker within a listening space. For example: If your speaker is in the left position within a listening space, set the switch to the "L" (Left) position.

Wi-Fi Indicator (📶):

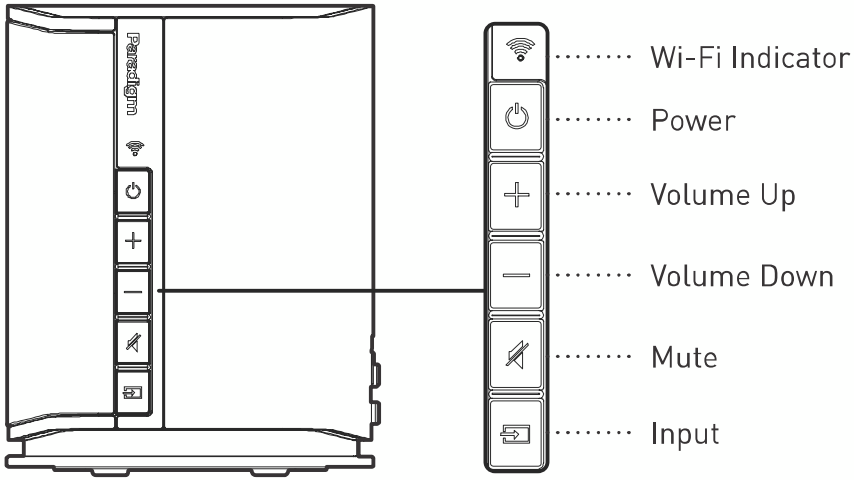
The Wi-Fi Indicator (📶) tells you what your Paradigm product is doing:

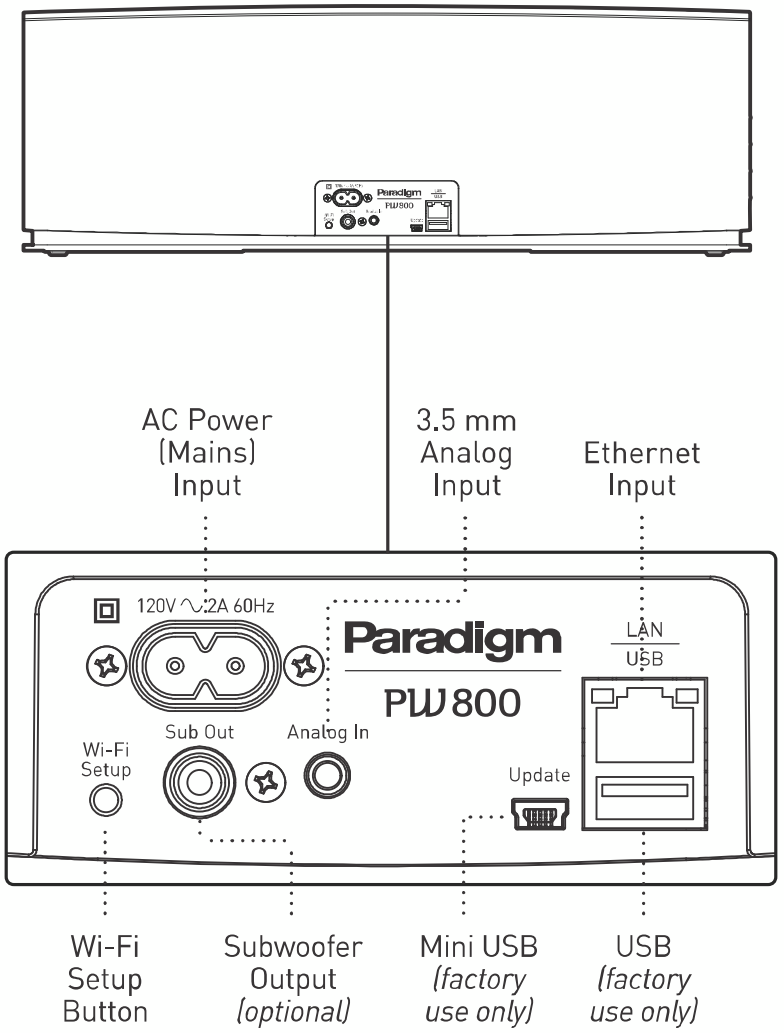
- **Fast Blinking** – Your Paradigm product is booting up.
- **Blinking –** Your Paradigm product is attempting to connect to a wireless router.
- **Slow Pulse** – Setup Mode.
- **Two Blinks > Pause** – WPS Mode.
- **Solid** – Connected to router.
- **Off** – Connected to a router using a wired connection.

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CONTROLS & CONNECTIONS

PW 800 *Premium Wireless Speaker*

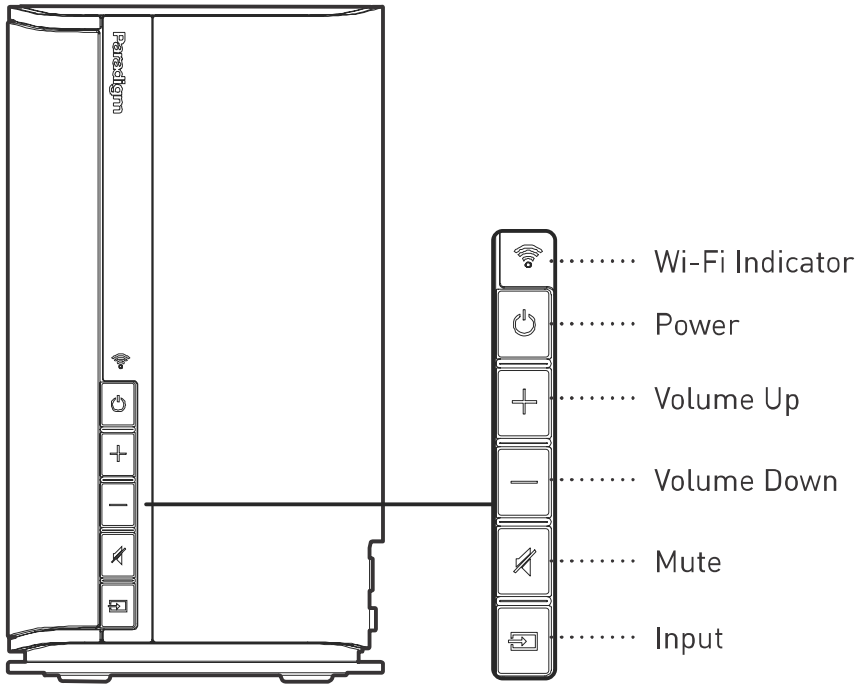


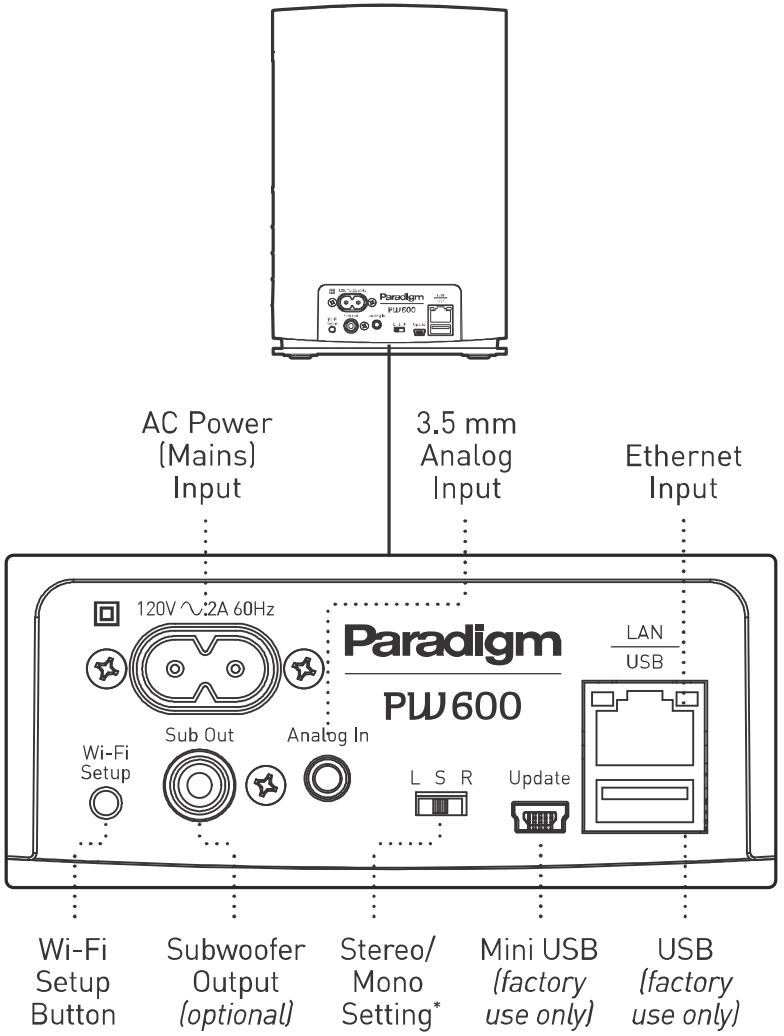


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CONTROLS & CONNECTIONS *(cont'd ...)*

PW 600 *Premium Wireless Speaker*





* For **one** PW-600 speaker set to Stereo (S) and for **two** PW-600 speakers set to Left (L) *or* Right (R).

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CONNECTING PW AMP TO SPEAKERS



CAUTION: Do not connect speakers, which are rated less than 4 Ohms to the Paradigm PW AMP.



CAUTION: While making connections with bare wire, ensure that none of your bare wire comes in contact with a an adjacent terminal.

The speakers to be connected to the Paradigm PW AMP should be rated to handle at least 75 W for 8 Ohm speakers and at least 150 W for 4 Ohm speakers.

Your PW AMP's binding posts can be used with banana, plug connectors, and bare wire.

IMPORTANT! *Correct polarity (or phase) is critical for proper soundstage imaging and bass performance. Connect one speaker at a time to ensure proper connection of every channel. The red (+) amplifier terminal must be connected to the red (+) speaker terminal. The same applies to the black (–) terminals. Make sure all wires are firmly fastened. Repeat this connection procedure for each speaker in your system.*

IMPORTANT! *If you hear a distinct lack of bass and a dislocated stereo image then one or more of your speakers may be connected out of phase (polarity is reversed). Re-check to ensure that each speaker's cable is connected with correct polarity: red (+) to red (+) and black (–) to black (–).*

Bare Wire Connectors:

If you are using speaker wire without banana plugs, simply press in the spring loaded binding post to expose the connection hole. Insert the stripped end of the speaker wire into the hole, then release the binding post. The exposed speaker wire should be securely gripped by the binding post.

Banana Plug Connectors:

If you are using banana plugs, remove the end caps from the PW AMP's binding posts to expose the banana plug socket; insert the banana plug into the socket.

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ADDING AN OPTIONAL EXTERNAL SUBWOOFER

If desired, an external subwoofer can be used to reinforce low-frequency channel information in multichannel and stereo recordings. For seamless system matching, we recommend a Paradigm subwoofer, however any brand of subwoofer can be connected.

Using a high-quality RCA style cable, connect the "Sub Out" on the Paradigm Premium Wireless Series product back panel to the "LFE In/Sub In" on the subwoofer's back panel.

TIP! *Reference your subwoofer's Owner's Manual to learn how to properly adjust the subwoofer's level and phase controls to achieve proper blending with the PW AMP.*

Upon connecting an external subwoofer, your Paradigm product will automatically detect its presence and redirect low frequency content from the speakers to the subwoofer. If your subwoofer has an adjustment for bandwidth (BW), set it to 100 Hz (recommended setting) if you will ***not*** be running ARC. If you will be running ARC set it to maximum bandwidth (or bypass). If you ran ARC before connecting a subwoofer, you will need to run it again.

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NETWORK CONNECTION SETUP – OPTION A *(RECOMMENDED SETUP)*

Wi-Fi Protected Setup (WPS)

Wi-Fi Protected Setup (WPS) is a feature found on most wireless routers that allows your Paradigm product to securely and automatically connect without needing to enter a password. WPS is not a standard feature on all routers, and only one Paradigm product can be set up at a time.

Check your router's owner's manual to see if WPS is an available feature, or look for a button on your router marked with the WPS logo ( ). If your router does not have WPS, then use the Standard Wi-Fi Setup *(see "Network Connection Setup–Option B" on page 16).*

1. To avoid a delayed wireless setup, place your Paradigm product in close proximity to your router; you may move your Paradigm product to a desired location once setup is complete.
2. Plug-in your Paradigm product and press the Power button ( ), shortly after, a tone will be heard to indicate power on.

NOTE: *Your Paradigm product will enter Standby Mode (reduced power consumption) after 20 minutes of no music playing. It will automatically wake-up when it senses music being received. The Power button ( ) will stay illuminated whether the unit is powered on or in Standby Mode. If there is a power failure while your Paradigm product is switched on, it will switch back on once power has been reestablished.*

3. 10 seconds later the Wi-Fi Indicator ( ) will start rapidly flashing for 20 seconds; this indicates your Paradigm product is booting up.
4. Once the Wi-Fi Indicator ( ) starts pulsing slowly, your Paradigm product is in Discovery Mode; it is ready to connect to your Wi-Fi network.

NOTE: *If the Wi-Fi Indicator ( ) does not pulse slowly, PRESS and HOLD the Wi-Fi Setup button for 8 seconds or until you hear two tones; this initiates the STARTUP of Wi-Fi Setup Mode.*

5. To initiate Wi-Fi Protected Setup (WPS), PRESS and HOLD the Wi-Fi Setup button on the back of your Paradigm product for 4 seconds or until you hear a tone. The Wi-Fi Indicator ( ) will blink twice in continuous intervals to indicate the initiation of WPS mode. Now push the WPS button ( ) on your router. If you cannot find a WPS button on your router refer to the router's owner's manual.
6. Once the Wi-Fi Indicator ( ) is solid (not blinking), this indicates your Paradigm product is connected to your Wi-Fi network.

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7. Download the DTS Play-Fi® App:

Android Device Users:

For Android users, download the free DTS Play-Fi® App from Google Play or the Amazon App Store.



iOS Device Users:

For iOS users download the free DTS Play-Fi® App from the Apple App Store.



PC Users:

a) For PC users, go to ***https://play-fi.com/apps/windows*** to download the free DTS Play-Fi® app.

b) Click on "Download Free Version".

c) The DTS Play-Fi® App icon will show up in your task manager once it is fully downloaded.

d) Click on the DTS Play-Fi® driver.

e) Click on any zone to begin controlling.

8. Connect your mobile device or PC to the same Wi-Fi network that you want to connect your Paradigm product to.

9. Launch the DTS Play-Fi® App. Upon launching the App, it will automatically detect the Paradigm product connected to your Wi-Fi network, and prompt you to name your device with one of our pre-set names, or create a name of your own choosing.

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NETWORK CONNECTION SETUP – OPTION B

Standard Wi-Fi Setup Using Your Device

1. To avoid a delayed Wi-Fi setup, place your Paradigm product in close proximity to your router; you may move your Paradigm product to a desired location once setup is complete.
2. Plug-in your Paradigm product and press the Power button (⏻), shortly after, a tone will be heard to indicate power on.

NOTE: *Your Paradigm product will enter Standby Mode (reduced power consumption) after 20 minutes of no music playing. It will automatically wake-up when it senses music being received. The Power button (⏻) will stay illuminated whether the unit is powered on or in Standby Mode. If there is a power failure while your Paradigm product is switched on, it will switch back on once power has been reestablished.*

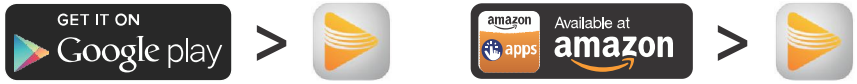
3. 10 seconds later the Wi-Fi Indicator (ᯤ) will start rapidly flashing for 20 seconds; this indicates your Paradigm product is booting up.
4. Once the Wi-Fi Indicator (ᯤ) starts pulsing slowly, your Paradigm product is in Discovery Mode; it is ready to connect to your Wi-Fi network.

NOTE: *If the Wi-Fi Indicator (ᯤ) does not pulse slowly, PRESS and HOLD the Wi-Fi Setup button for 8 seconds or until you hear two tones; this initiates the STARTUP of Wi-Fi Setup Mode.*

5. Download the DTS Play-Fi® App:

Android Device Users:

For Android users, download the free DTS Play-Fi® App from Google Play or the Amazon App Store.



iOS Device Users:

For iOS users download the free DTS Play-Fi® App from the Apple App Store.



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PC Users:

a) For PC users, go to ***https://play-fi.com/apps/windows*** to download the free DTS Play-Fi® app.

b) Click on "Download Free Version".

c) The DTS Play-Fi® App icon will show up in your task manager once is fully downloaded.

d) Click on the DTS Play-Fi® driver.

e) Click on any zone to begin controlling.

6. Connect your mobile device or PC to the same Wi-Fi network that you want to connect your Paradigm product to.

7. Launch the DTS Play-Fi® App and follow these instructions:

Android Device Users:

a) The App will automatically find your device and provide prompts for setup.

b) Touch the "Setup button" on the screen.

c) Enter the password for your Wi-Fi network; the App will connect your device to your network. You will notice the Wi-Fi Indicator on your Paradigm product will have changed from "blinking" to solid illumination.

d) Your device is now connected. You may re-name your device with one of our pre-set names, or create a name of your own choosing.

iOS Device Users:

a) The App will prompt you that a new device is ready for setup. Click on the screen to direct you to setup instructions.

b) Exit the DTS Play-Fi® App and access your Settings on your iOS device.

c) Select Wi-fi in your Settings. Ensure that Wi-Fi is enabled on your device. Once the Wi-Fi is enabled, select the listed device with "Play-Fi" in the name.

d) Once your device is selected, exit the Settings menu and reenter the DTS Play-Fi® App to choose your Wi-Fi network (you may be asked to enter your Wi-Fi network password).

e) Once your device is connected, you will notice that the Wi-Fi Indicator (📶) on your Paradigm product will change from blinking to solid illumination.

f) Your device is now connected. You may re-name your device with one of our pre-set names, or create a name of your own choosing.

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NETWORK CONNECTION SETUP – OPTION C

Wired Setup

1. Using the supplied ethernet cable, connect your Paradigm product to your router.
2. Plug-in your Paradigm product and press the Power button (⏻), shortly after an audible tone will indicate power on.

> ***NOTE:*** *Your Paradigm product will enter Standby Mode (reduced power consumption) after 20 minutes of no music playing. It will automatically wake-up when it senses music being received. The Power button (⏻) will stay illuminated whether the unit is powered on or in Standby Mode. If there is a power failure while your Paradigm product is switched on, it will power on once power has been reestablished.*

3. 10 seconds later the Wi-Fi Indicator (ᯤ) will start rapidly flashing for 20 seconds; this indicates your Paradigm product is booting up.
4. Once the Wi-Fi Indicator (ᯤ) switches off, this indicates the Paradigm product is connected to your network.
5. Download the DTS Play-Fi® App:

   Android Device Users:

   For Android users, download the free DTS Play-Fi® App from Google Play or the Amazon App Store.

   iOS Device Users:

   For iOS users download the free DTS Play-Fi® App from the Apple App Store.

   PC Users:

   a) For PC users, go to ***https://play-fi.com/apps/windows*** to download the free DTS Play-Fi® App.

   b) Click on "Download Free Version".

   c) The DTS Play-Fi® app icon will show up in your task manager once is fully downloaded.

   d) Click on the DTS Play-Fi® driver.

   e) Click on any zone to begin controlling.

6. Connect your mobile device or PC to the same Wi-Fi network that you want to connect your Paradigm product to.
7. Launch the DTS Play-Fi® App. Upon launching the App, it will automatically detect the Paradigm product connected to your Wi-Fi network, and prompt you to name your device with one of our pre-set names, or create a name of your own choosing.

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PLAY MUSIC

Once your Paradigm product is connected to your home network, you can start playing music anytime.

1. Activate the DTS Play-Fi® App on your mobile device or PC. If you have setup more than one Paradigm product, select which one you want to stream music to.
2. Select your music source – personal music library or any subscription-based music service contained on your mobile device or PC, Internet Radio, or from select online music services such as *Deezer, Songza, etc. (visit our website at* ***paradigm.com*** *to view a full list of available music services).*

How to Control Multiple Paradigm Premium Wireless Series products:

1. To connect additional Paradigm Premium Wireless Series products to your network, open the DTS Play-Fi® App and select "Setting".
2. Select, "Add Play-Fi Device"
3. Follow the instructions to add each Paradigm Premium Wireless Series product.

NOTE: you can add up to 16 Paradigm Premium Wireless Series products to your home network. A single mobile device can stream music to 8 Paradigm Premium Wireless Series products.

Primary/Secondary Zones:

When using the DTS Play-Fi® App on your device, you will notice when streaming music to your Paradigm Premium Wireless Series product that there are two groups: Primary and secondary zones. The DTS Play-Fi® module within your Paradigm Premium Wireless Series product requires that a primary speaker be selected to create a new listening session or zone. The purpose of this is to eliminate any echo, found on other ecosystems, and to maximize synchronization down to 1 millisecond.

We suggest that you select the Paradigm Premium Wireless Series product with the strongest signal strength as your primary device. It should be noted that secondary speakers are connected to your primary speaker, so if you disable your primary speaker for any reason, your secondary speaker will be temporarily unavailable until a primary speaker is selected again.

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ANTHEM ROOM CORRECTION (ARC™)

Even when the finest speakers are perfectly positioned, the room itself still has a dramatic impact on any system's sound, an impact more profound than that of any individual component. Various solutions have fallen in and out of favor over the years, but none has solved the problem of "the room." Until ARC.

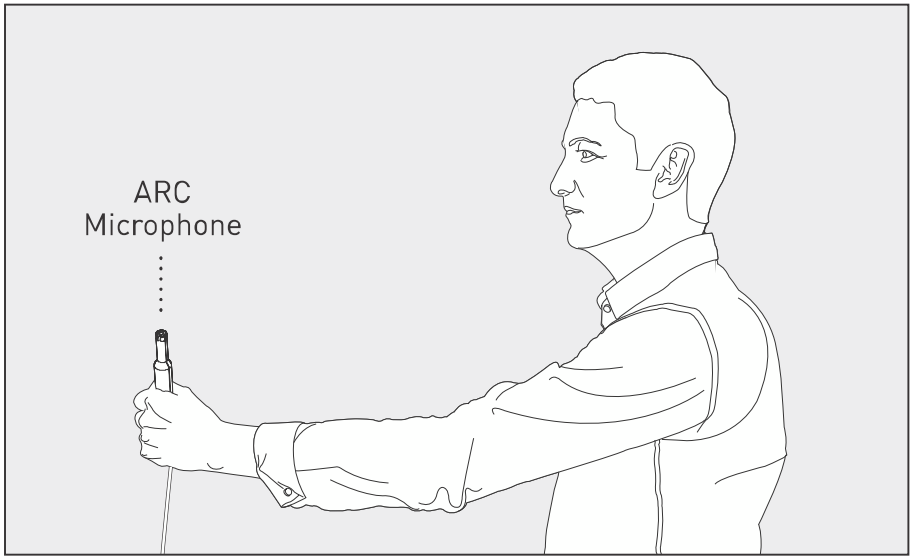
Using proprietary processes and the power of your PC, the ARC system analyzes each speaker's in-room sound, then computes the required correction to yield optimal performance from every speaker. It's a process that takes approximately 15 minutes. Anthem's approach is a true audiophile solution to the problems of the room.

IMPORTANT! *The listening space must be silent while performing ARC. A noisy computer fan, a dishwasher or microwave running, etc. can negatively affect ARC's measurements.*

How to Correct Room Deficiencies using ARC Technology :

1. Ensure that your Paradigm product is already connected on your home network and is powered "on".
2. Download the ARC-2 software from ***www.anthemAV.com*** and install it. Once the drivers are installed, follow the on-screen instructions.
3. Using the 15' (4.5 m) USB cable, connect the ARC microphone to a Windows® PC running Windows® 7 or 8 (32 and 64 bit).
4. Look for the icon on your desktop and launch the ARC™ program. Follow the prompts on your computer screen to successfully run the ARC™ software; the entire process should take approximately 15 minutes.
5. Remember to hold the microphone so that it is pointing UP toward the ceiling. *Refer to the diagram below.*
6. For best results, hold the microphone in 5 different positions around the room.

TIP! *Once the ARC process is complete, the corrected listening curves will be stored and music will be played back reflecting these corrections each time you stream music to your Paradigm product. To toggle back and forth between pre and post ARC correction, or to disable ARC refer to the "Mute Button (🔇)" section on page 8.*



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UPDATES

DTS Play-Fi® App Update:

If the DTS Play-Fi® app on your device requires an update, the app will notify you that an update is available and guide you through the update process.

Paradigm Firmware Update:

At Paradigm we constantly strive to improve the performance and functionality of your system, as a result from time to time your Paradigm Premium Wirless Series product will require firmware updates. Please regularly check our website at **www.paradigm.com** for the latest firmware updates.

REBOOT & RESET

Reboot your Paradigm Product:

PRESS and HOLD the Power button (⏻) for 3 seconds. The Mute button (🔇) will start blinking once a refresh has been achieved; upon releasing the button a tone will verify a refresh.

Reset Your Paradigm Product to Factory Settings:

PRESS and HOLD the Power button (⏻) for 10 seconds (at 3 seconds the Mute button (🔇) will start blinking); once you hear a tone (at 10 seconds) to verify a reset, immediately release the reset button.

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BASIC TROUBLESHOOTING



CAUTION: Warning: Do not open the product. Under no circumstances should the product be repaired by anyone other than an authorized Paradigm Dealer, as this will invalidate the warranty. Please contact Paradigm Customer Support for more information.

If a problem occurs, you can try the troubleshooting suggestions listed below. If one of these doesn't remedy the problem, or you are not sure how to proceed, please contact the Paradigm Customer Support team and we will be happy to help.

Customer Support

- Visit our website at **paradigm.com/support**
- Email us at **support@paradigm.com**

Problem	Possible Solutions
I am unable to connect the Paradigm Premium Wireless Series product to my Wi-Fi network.	1. Verify that your Wi-Fi network is functioning. 2. Your router's Wi-Fi signal may be weak or your Paradigm product may be out of range of your router's Wi-Fi network. Move the Paradigm product closer to the router. 3. Before connecting to your network, verify that your Paradigm product's Input button (⊟) is illuminated in WHITE, this indicates the Wireless/Wired Network Streaming Mode. If the Input button (⊟) is illuminated in BLUE, this indicates the Rear Input Mode; press the Input button (⊟) to select the Wireless/Wired Network Streaming Mode for a wireless input connection. 4. Reboot your Paradigm product *(see page 21)*. 5. Reset your Paradigm product to factory settings *(see page 21)*.

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Problem	Possible Solutions
The DTS Play-Fi® App cannot find my Paradigm Premium Wireless Series product.	Verify that the following are true: 1. The Paradigm product is fully powered on and in Discovery Mode (Wi-Fi Indicator (ᯤ) is pulsing slowly). 2. You are within the recommended range of your router. 3. Your device has its Wi-Fi enabled. 4. There are no other apps on your device that are currently running that are impeding wireless connectivity to your network. • Restart your phone, tablet or PC (refer to the Owner's Manual for further details). • If you still can't find the Paradigm product on your network, and are in an office environment, verify with your network administrator that no special permissions are enabled that would prevent external wireless devices from broadcasting within the network. • If the Paradigm product remains unfound, perform a Reboot *(see page 21)* on the offending unit and redownload the DTS Play-Fi® App. • If the Paradigm product remains unfound, perform a Factory Reset *(see page 21)* on the offending unit and re-download the DTS Play-Fi® App.

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BASIC TROUBLESHOOTING *(cont'd ...)*

Problem	Possible Solutions
The DTS Play-Fi® App says "Play-Fi Devices Lost."	If you see this message, it could mean one or more things: • The connection to your network is very weak. • There is heavy network traffic. • You have moved out of your personal network's coverage range. • You have lost your network connection. • You have connected to a network other than the one your Paradigm product(s) are on. • Your device's wireless streaming has been taken over by another app. • Your device lost power in the middle of communication. Make sure the following are true: • Verify that your network setting and that your devices are connected to the same network. • Ensure that your device has not left the range of your router. • Verify that your device is on the same network as your Paradigm product. Finally, exit and then restart the DTS Play-Fi® App. It should now find all of your Paradigm product(s). If you are still unable to find the Paradigm product(s), perform a Reset *(see page 21)* on the offending unit and re-download the DTS Play-Fi® App.

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TECHNICAL SPECIFICATIONS

PW 800 *Premium Wireless Speaker*

Design	4-driver, 2 way speaker
High Frequency Driver	Two 1" (25 mm) S-PAL™ dome, ferro-fluid damped / cooled, extended pistonic range
Bass/Midrange Driver	5" (127 mm) S-PAL™ driver, high-excursion foam-rubber elastomer surrounds, 1" high-temp voice coil
Low Frequency Extension	39 Hz
Frequency Response *(On Axis)*	+/- 2 dB from 44 Hz - 20 kHz
Frequency Response *(30°)*	+/- 2 dB from 44 Hz - 17 kHz
Sensitivity - Room	91 dB
Sensitivity - Anechoic	88 dB
Amplification	Anthem® Class-D Amp; 460 W Dynamic Peak; 230 W RMS
Wireless Connectivity	2.4 GHz and 5.0 GHz; 802.11 g/n
Impedance	N/A
Inputs	3.5 mm analog input, USB (for firmware updates), Ethernet 10/100
Room Correction	Anthem Room Correction - ARC™, with included calibrated microphone
Dimensions *(h x w x d)*	7" x 20" x 5-1/2" (17.8 cm x 50.8 cm x 14 cm)"
Weight	13.8 lb (6.3 kg) each
Finish	Black & White

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TECHNICAL SPECIFICATIONS *(cont'd ...)*

PW 600 *Premium Wireless Speaker*

Design	3-driver, 2 way bookshelf
High Frequency Driver	Two 1" (25 mm) S-PAL™ dome, ferro-fluid damped / cooled, extended pistonic range
Bass/Midrange Driver	5" (127 mm) S-PAL™ driver, high-excursion foam-rubber elastomer surrounds, 1" high-temp voice coil
Low Frequency Extension	40 Hz
Frequency Response *(On Axis)*	+/- 2 dB from 45 Hz - 20kHz
Frequency Response *(30°)*	+/- 2 dB from 45 Hz - 17kHz
Sensitivity - Room	91 dB
Sensitivity - Anechoic	88 dB
Amplification	Anthem® Class-D Amp; 400 W Dynamic Peak; 200 W RMS
Wireless Connectivity	2.4 GHz and 5.0 GHz; 802.11 g/n
Impedance	N/A
Inputs	3.5 mm analog input, USB (for firmware updates), Ethernet 10/100
Room Correction	Anthem Room Correction - ARC™, with included calibrated microphone
Dimensions *(h x w x d)*	10" x 6-1/2" x 5-1/2" (25.4 cm x 16.5 cm x 14.0 cm)
Weight	7.5 lb (3.4 kg) each
Finish	Black & White

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LIMITED WARRANTY

Paradigm® Premium Wireless Series product(s) covered in this manual are warranted to be and remain free of manufacturing and/or material defects for a period of **one (1) year** from the date of original purchase.

For the Paradigm® Amp covered in this manual, all parts including the amplifier are warranted to be and remain free of manufacturing and/or material defects for a period of **one (1) year**.

Within the time periods specified, repair, replacement or adjustment of parts for manufacturing and/or material defects will be free of charge to the original owner.

Thermal Or Mechanical Abuse/Misuse Is Not Covered Under Warranty.

Limitations:

- Warranty begins on date of original retail purchase. It is not transferable;
- Warranty applies to product in normal home use only. If product is subjected to any of the conditions outlined in the next section, warranty is void;
- Warranty does not apply if the product is used in professional or commercial applications.

Warranty is Void if:

- The product has been abused (intentionally or accidentally);
- The product has been used in conjunction with unsuitable or faulty equipment;
- The product has been subjected to damaging signals, derangement in transport, mechanical damage or any abnormal conditions;
- The product (including cabinet) has been tampered with or damaged by an unauthorized service facility;
- The serial number has been removed or defaced.

Owner Responsibilities:

- Provide normal/reasonable operating care and maintenance;
- Provide or pay for transportation charges for product to service facility;
- Provide proof of purchase (your sales receipt given at time of purchase must be retained for proof-of-purchase date).

Should servicing be required, contact us using the information below, to arrange, bring in or ship prepaid, any defective unit. Visit our website, paradigm.com for more information.

Paradigm Electronics Inc. reserves the right to improve the design of any product without assuming any obligation to modify any product previously manufactured.

This warranty is in lieu of all other warranties expressed or implied, of merchantability, fitness for any particular purpose and may not be extended or enlarged by anyone. In no event shall Paradigm Electronics Inc., their agents or representatives be

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LIMITED WARRANTY *(cont'd ...)*

responsible for any incidental or consequential damages. Some jurisdictions do not allow limitation of incidental or consequential damages, so this exclusion may not apply to you.

Retain this manual and your sales receipt for proof of warranty term and proof of purchase.

For additional product support, call Paradigm at **905-696-2868** or email **service@paradigm.com**

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