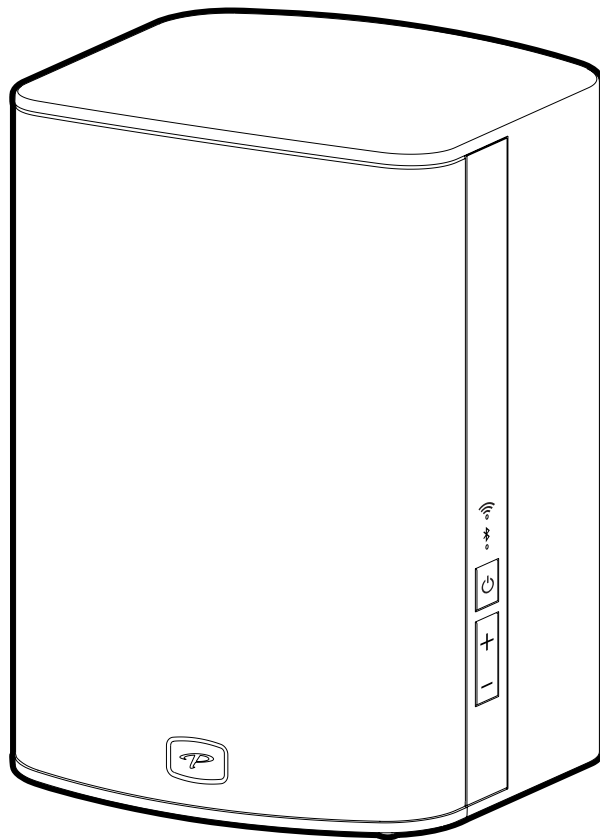




PREMIUM
WIRELESS series

PW300

OWNER'S MANUAL





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.



FCC ID: 2AJAAPW300BT and IC ID: 21761PW300BT

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.

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.

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

CAUTION: To reduce the potential for harmful interference to co-channel mobile satellite systems, use of the 5150-5250 MHz frequency band is restricted to indoor use only.

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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For more information visit paradigm.com



04.13.17 [REV. 000]

TABLE OF CONTENTS

Congratulations!	1	Updates	12
Important Safety Instructions	2	Device Usage Guide	12
Important Safety Information	3	Basic Troubleshooting	13
What's In The Box	4	Technical Specifications	18
Network Requirements	5	Limited Warranty	19
System Requirements	5		
Features & Functions	6		
Controls & Connections	7		
Bluetooth (Pairing & Operation)	8		
Play Music & Connect Multiple PW Series Products	9		
Anthem Room Correction (ARC™)	9		
Wireless Surround Sound Setup	10		

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.

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.
15. The apparatus shall not be exposed to dripping or splashing and that objects filled with liquids, such as vases, shall not be placed on apparatus.
16. The apparatus should be connected to a mains socket outlet with a protective earthing connection.

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



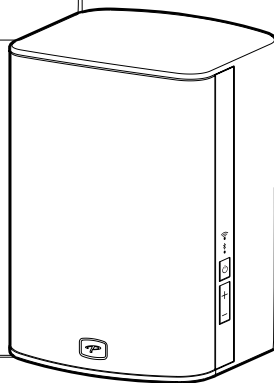
WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE AND OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHOULD NOT BE PLACED ON THIS APPARATUS.

- 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.

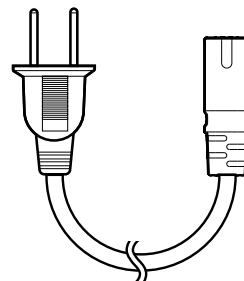
WHAT'S IN THE BOX ...

1. Paradigm PW 300 Speaker
2. 6' (1.8 m) Power Cable
3. Owner's Manual and Setup Guide
4. Rubber Feet (x4)

1



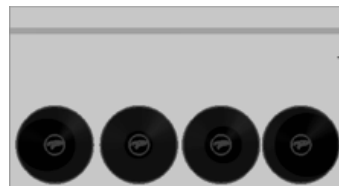
2



3



4



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: To make the quickest connection, use a dual-band router and connect your Paradigm Product to the 5G network instead of the 2.4 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.
- Devices running Bluetooth v2.1 or later.
- A Windows® PC running Windows® 7, 8 or 8.1 (32 and 64 bit).

FEATURES & FUNCTIONS

Power Button ():

- Press  to power on/off.
 - If no signal is received for 20 minutes, unit will enter into standby.
 - Power & Bluetooth LED will turn off; Wi-Fi indicator will remain illuminated (unless connected via Ethernet)

Power Button () (Reboot & Reset):

Reboot:

- Press & hold  for 3 sec to clear currently connected Bluetooth Devices.
 - Power button LED will blink once indicating pairing has been broken.
 - Tone will verify a cleared unit.
 - Bluetooth indicator will return to discovery mode.

Reset:

- Press & hold  for 10 sec to reset unit to factory settings (Reset).
 - Note this will clear all current networks and Bluetooth devices.
 - Power button will begin to blink after 10 sec, followed by the Bluetooth and Wi-Fi Indicator.
 - Tone will verify reset is complete.

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.

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.

Bluetooth Indicator ():

The Bluetooth Indicator () tells you what your Paradigm product is doing:

- **Blinking** – Discovery Mode.
- **Slow Blue** – Connected to Bluetooth Device.

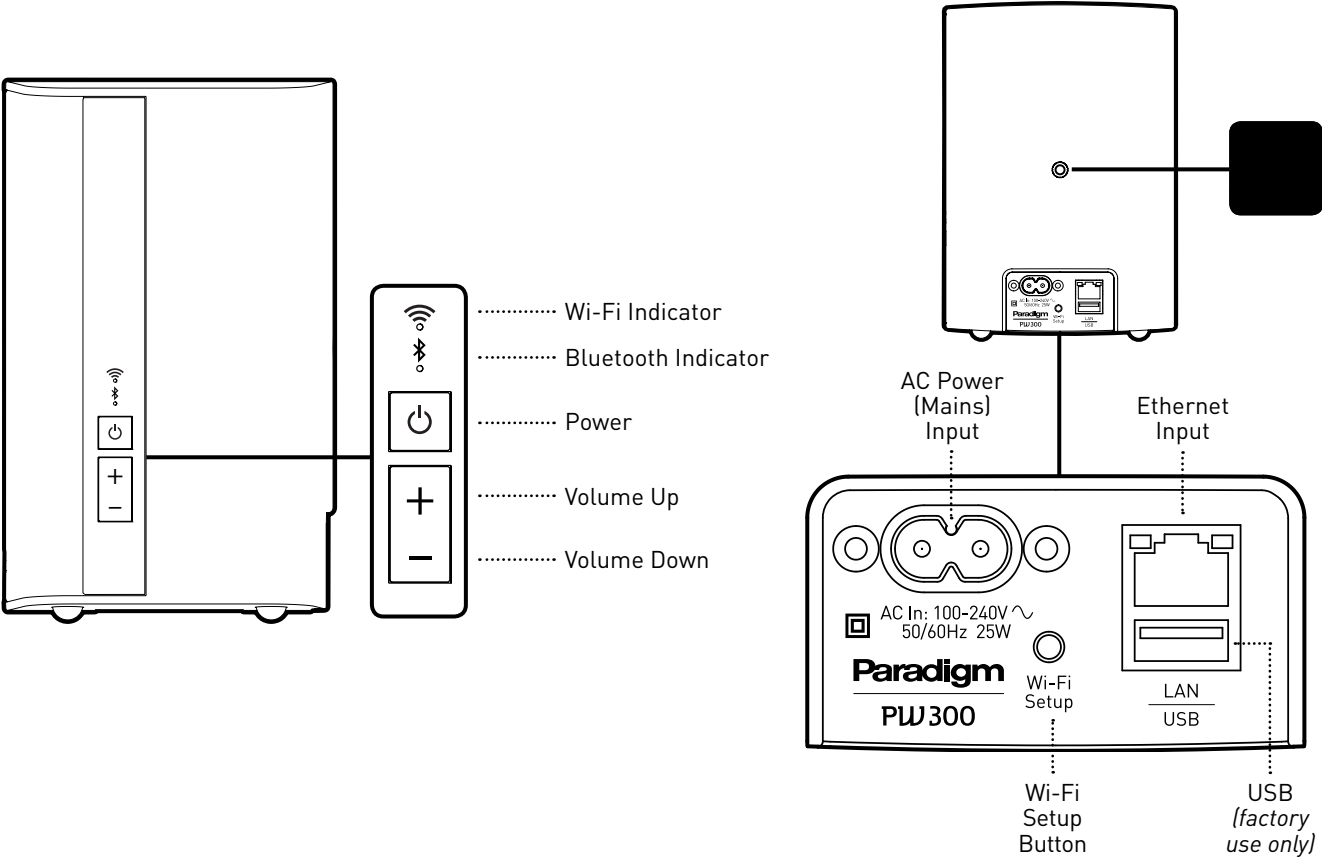
- **Solid Green** – Connected to PlayFi Device (PlayFi In Use).
- **Off** – Unit In Standby Mode.

Wi-Fi Setup Button:

Initiates Wi-Fi setup for both Wi-Fi Protected Setup (WPS) and Standard Wi-Fi Setup.

- Push & hold for 4sec to enter WPS setup mode
- Push & hold for 8sec to reset all wireless settings
- Places the unit into setup mode (Slow Pulse Wi-Fi Indicator)

CONTROLS & CONNECTIONS



BLUETOOTH (PAIRING & OPERATION)

Bluetooth Pairing:

- Make sure unit is plugged in and powered on
- The Bluetooth LED should be blinking indicating that the device is in discovery mode
- Open Bluetooth settings on the desired device
- From the list provided select PW300
- Once paired the PW300 will emit a tone verifying that it has been paired and is ready to be used
- The LED will cease blinking and will now remain solid blue

Pairing an additional Bluetooth Device:

If the two devices are in the same home/room the original device must be disconnected or Bluetooth must be disabled.

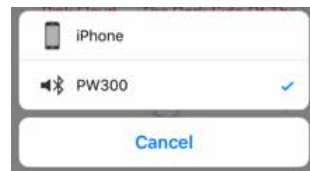
- Disable Bluetooth on the originally paired device (or simply disconnect from the PW300 from the Bluetooth settings on the original device)
- The Bluetooth LED will return to its blinking state indicating that the device is in discovery mode
- Open Bluetooth settings on the desired device
- From the list provided select PW300
- Once paired the PW300 will emit a tone verifying that it has been paired and is ready to be used
- The LED will cease blinking and will now remain solid blue

Breaking a Bluetooth Pairing:

- Open Bluetooth settings on the desired device
- From the list provided select PW300
- From the device options select Forget this Device – PW300
- The LED will now return to its blinking state indicating that the device is in discovery mode

Bluetooth Operation:

- Bluetooth LED should be Solid Blue
- If LED is solid Green – PW300 is connected to a PlayFi device, disconnect from PlayFi device prior to using Bluetooth
- On the desired device open media to be played
- Select PW300 from device list (see image below)
- If unit is not on the list – PW300 is connected to a different device
- Start music playback
- Volume adjustments made on device, should be reflected on PW300
- Volume adjustments made on PW300, should be reflected on device



PLAY MUSIC & CONNECT MULTIPLE PW SERIES PRODUCTS

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 Connect 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.

ANTHEM ROOM CORRECTION (ARC™)

If you wish to use Anthem Room Correction on the PW300, it must be connected to a PW Soundbar in a Wireless Theater Application.

Note that the PW300 will act strictly as a surround speaker and cannot be used as a single source for music playback for both PlayFi & Bluetooth

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.

The PW Soundbar will then become the main source for audio streaming.

WIRELESS SURROUND SETUP

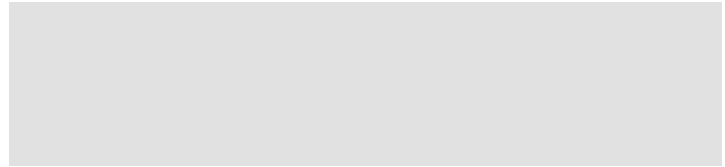
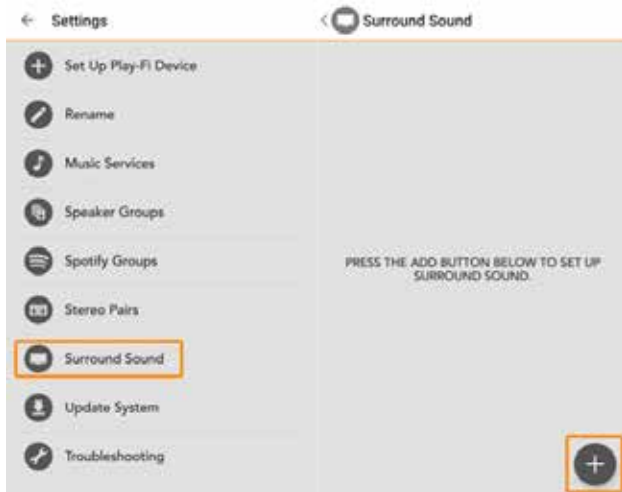
NOTE: A Paradigm PW Soundbar & DTS Play-Fi is required in order to complete this setup.

Once the PW Soundbar has been connected to the network you can then proceed with the Surround Setup.

Start by simply tapping on the Settings icon on the main page of the app. The guided setup will walk you through picking the speaker for the

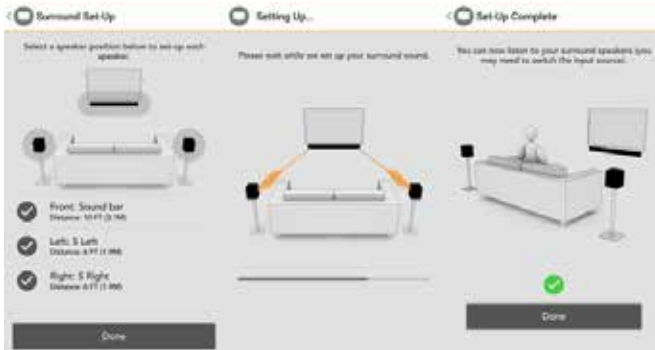
Surround Set-Up will begin and the app will preface with some information and instructions. Once you proceed, the app will detect if there are products available on the network that can support Play-Fi Surround, or if there are products that need an update from the manufacturer to enable support.

the guided setup will walk you through picking the speaker for the correct placement and setting the distance (this and other settings can be adjusted later after setup is complete.) This process is the same for all three speaker placements but the Front position must be a Play-Fi Surround Master.



WIRELESS SURROUND SETUP *(cont'd ...)*

After you've picked every position and set the distance, the app will automatically configure everything as needed wirelessly. This can take about 60 seconds or so, and once completed, the app will notify you.



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 Wireless Series product will require firmware updates. Please regularly check our website at www.paradigm.com for the latest firmware updates.

UPDATES via USB

1. Unzip file & copy firmware “pw300.hex” into root directory of USB device
2. Plug USB into USB port on the PW300 rear panel
3. Remove power cord from PW300
4. Press & Hold power button on PW300
5. While holding power button on PW300 plug in power cord
6. The power LED will start blinking
7. Upgrade is complete once power LED stops blinking

DEVICE USAGE GUIDE

Device	App	Bluetooth (Single PW300)	Content	Multi-Room (Play-Fi)
Apple iOS	Play-Fi	•	• Select music services • iTunes – music stored on device	• Up to eight • Multiple simultaneous users • Speakers can be zoned
MAC OS	–	•	• All audio content	–
Android	Play-Fi	•	• Up to eight • Multiple simultaneous users • Speakers can be zoned	• Select music services • Music stored on device
Windows PC	Play-Fi	•	• All audio content	• Up to eight • Multiple simultaneous users • Speakers can be zoned

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 at support@paradigm.com. Alternatively, visit our website at paradigm.com/support for detailed troubleshooting solutions.

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 (<i>see page 16</i>). 5. Reset your Paradigm product to factory settings (<i>see page 16</i>).

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 () 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 (Power Cycle) <i>(see page 16)</i> on the offending unit and re-download the DTS Play-Fi® App. • If the Paradigm product remains unfound, perform a Factory Reset <i>(see page 16)</i> on the offending unit and re-download the DTS Play-Fi® App.

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 (<i>see page 16</i>) on the offending unit and re-download the DTS Play-Fi® App.

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

Problem	Possible Solutions
I am unable to pair the Paradigm Premium Wireless Series Product to my Bluetooth device	• Verify that the unit is powered on – Power button should be illuminated, Bluetooth LED should be blinking (discovery mode) • Verify that the unit is within range – For pairing purposes unit should be no more than 5' away • Verify that the unit is not connected to another Bluetooth device – Bluetooth indicator should be blinking, Solid LED indicates pairing to another device • If the PW300 remains unfound, Reboot your PW300 (see page 6) • If the PW300 remains unfound, Reset your PW300 (see page 6)
My Bluetooth device cannot find the PW300	• Verify that the unit is powered on – Power button should be illuminated, Bluetooth LED should be solid blue (Paired) • Verify that the unit is within range – Maximum range for Bluetooth devices is approx 30' (line of sight) • Verify that the unit is not connected to another Bluetooth device • Restart your phone....etc. • If the PW300 remains unfound, Reboot your PW300 (see page 6) • If the PW300 remains unfound, Reset your PW300 (see page 6)

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

Problem	Possible Solutions
My Bluetooth device has lost connection to PW300	• Verify that the unit is powered on – Power button should be illuminated, Bluetooth LED should be solid blue (Paired) • Verify that the unit is within range – Maximum range for Bluetooth devices is approx 30' (line of sight) • Verify that the unit is not connected to another device or that PlayFi has not been opened on another device – Green Bluetooth LED indicates PlayFi Connection • Restart your phone....etc. • If the PW300 remains unfound, Reboot your PW300 (see page 6) • If the PW300 remains unfound, Reset your PW300 (see page 6)

TECHNICAL SPECIFICATIONS

PW 300 Premium Wireless Speaker

Design	2-Driver, 2 way bookshelf
High Frequency Driver	3/4" (19 mm) polymer dome
Bass/Midrange Driver	4" (102 mm) polypropylene cone
Low Frequency Extension	48 Hz
Frequency Response (On Axis)	67 Hz to 18 kHz
Frequency Response (30°)	67 Hz to 17 kHz
Sensitivity - Room	82 dB
Sensitivity - Anechoic	85 dB
Amplification	40 W RMS, 80 W peak
Wireless Connectivity	2.4 and 5.0 GHz, 802.11 g/n, Bluetooth
Inputs	USB (for firmware updates), Ethernet 10/100
Room Correction	Anthem Room Correction - ARC™, with included calibrated microphone <i>(when paired with PW Soundbar)</i>
Dimensions (h x w x d)	8-3/16" x 5-11/16" x 5-1/16" (20.8cm x 13.5cm x 12.8cm)
Weight	4.5lbs (2.0 kg) each
Finish	Black & White

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 **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.

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

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 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, email us at **service@paradigm.com**

License Information for the Software Used in this Product

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To receive a copy of the source code for the open source software programs included in this product, please contact the Paradigm Customer Support team at **support@paradigm.com**.

Paradigm Electronics Inc. will distribute such source code to you on a disc for a charge covering the cost of performing such distribution, such as the cost of media, shipping and handling. All of the above referenced licenses, notices, and disclaimers are reproduced and available with such source code. However, note that we make no guarantees concerning the source code and we do not offer support for the contents of the source code. This offer is valid for a period of three (3) years following the date of distribution of this product by Paradigm Electronics Inc.

This section describes software licenses used for this unit. To maintain the correct content, the original (English) is used.

BSD License

Libupnp: <http://pupnp.sourceforge.net/>

Opus codec: <http://www.opus-codec.org/>

GPL (GNU-General Public License)

LinuxKernel 2.6.29: <https://kernel.org/>

libao: <http://www.xiph.org/ao/>

bridge-utils: <http://www.linuxfoundation.org/collaborate/workgroups/networking/bridge>

busybox: <http://www.busybox.net/>

Ebtables: <http://ebtables.netfilter.org/>

Wget: <http://www.gnu.org/software/wget/>

LGPL (GNU Lesser General Public License) License

LIVE555: <http://www.live555.com/>

mpg123: <http://mpg123.de/>

ffmpeg: <http://www.ffmpeg.org/>

avahi: <http://www.avahi.org/>

MIT/X derivate license

CURL: <http://curl.haxx.se/>

Academic Free License (AFL)

dbus: <http://www.freedesktop.org/wiki/>

OpenSSL License

OpenSSL: <https://www.openssl.org/>

MIT License

LibXML2: <http://www.xmlsoft.org/>

Others

<https://github.com/abrasive/shairport/blob/master/LICENSES>

Abrasive: <https://github.com/abrasive/shairport>