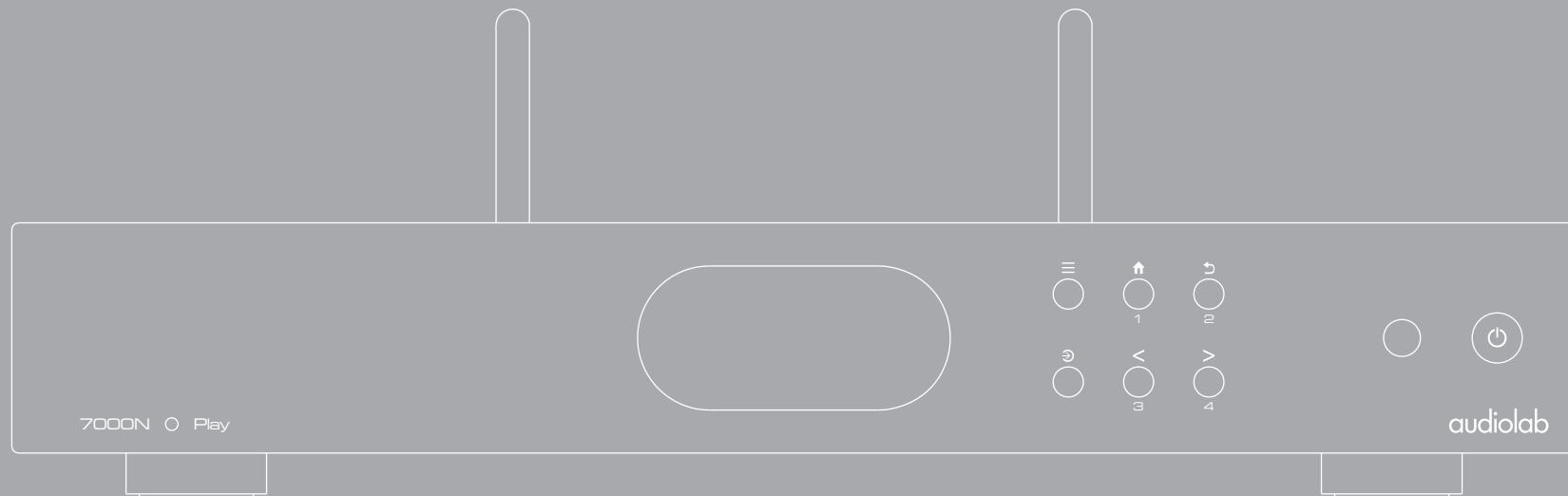


3 YEAR
WARRANTY



Scan the QR code using a smart-phone device,
for product warranty registration online.



7000N Play User Manual

audiolab

1: Important Safety Information



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

Warning: To reduce the risk of electric shock, do not remove the cover (or back) as there are no user-serviceable parts inside. Refer servicing to qualified personnel. The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.

Read these instructions.

Keep these instructions.

Heed all warnings.

Follow all instructions.

Do not use this apparatus near water.

Clean only with a dry cloth.

Do not block any ventilation openings. Install under the manufacturer’s instructions.

Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

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 plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for the replacement of the obsolete outlet.

Protect the power cord from being stepped on or pinched, particularly at the plugs, convenience receptacles, and at the point where they exit from the apparatus.

Unplug this apparatus during lightning storms or when unused for long periods.

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 spilt or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

CAUTION: These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

Do not install this equipment in a confined or built-in space such as a bookcase or similar unit, and keep well ventilated in an open space. The ventilation should not be impeded by covering the ventilation openings with items such as newspaper, tablecloths, curtains etc.

WARNING: Only use attachments/accessories specified or provided by the manufacturer (such as the exclusive supply adapter, battery etc).

WARNING: Please refer to the information on the exterior panel of the enclosure for electrical and safety information before installing or operating the apparatus.

WARNING: To reduce 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 objects filled with liquids, such as vases, shall not be placed on the apparatus.

WARNING: For the terminals marked with the symbol “⚡” may be of sufficient magnitude to constitute a risk of electric shock. The external wiring connected to the terminals requires installation by an instructed person or the use of ready-made leads or cords.

Denmark: Apparatets stikprop skal tilsluttes en stikkontakt med jord, som giver forbindelse til stikproppens jord.

Finland: Laite on liitettävä suojakoskettimilla varustettuun pistorasiaan.

Norway: Apparatet må tilkoples jordet stikkontakt.

Sweden: Apparaten skall anslutas till jordat uttag.

WARNING: No naked flame sources, such as lighted candles, should be placed on the apparatus.

WARNING: Attention should be drawn to the environmental aspects of battery disposal.

WARNING: Use of the apparatus in tropical climates.

THE FUSE VALUES ARE:

220 – 240V (UK, China, etc.) T630mAL 250V Slow Blow

100 – 120V (USA, Japan, etc.) T1.0AL 250V Slow Blow

1 : Important Safety Information

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

Caution: Any changes or modifications to this device not explicitly approved by the manufacturer could void your authority to operate this equipment. 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.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the transmitter & your body.

RF Exposure Information

- The device has been evaluated to meet general RF exposure requirements.
- The device can be used in portable exposure condition and compliance with exposure requirements.

ISED Statement

This device contains license-exempt transmitter (s) / receiver (s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS (s). Operation is subject to the following two conditions:

- 1) This device may not cause interference.
- 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 radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- 1) l'appareil nedoit pas produire de brouillage, et
- 2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectriquesubi, même si le brouillage est susceptible d'en compromettre le fonctionnement."

Le présent appareil est conforme Après examen de ce matériel aux conformité ou aux limites d'intensité de champ RF, les utilisateurs peuvent sur l'exposition aux radiofréquences et compliance d'acquérir les informations correspondantes. La distance minimale du corps à utiliser le dispositif est de 20cm.

The device is compliance with RF exposure guidelines, users can obtain Canadian information on RF exposure and compliance. The minimum distance from body to use the device is 20cm.



AirPlay is an Apple technology designed to control home audio systems and speakers in any room - with a tap or by just asking Siri - right from iPhone, iPad, HomePod, or Apple TV.

This 7000N Play supports AirPlay 2 and requires iOS 11.4 or later.

*Use of the Works with Apple badge means that an accessory has been designed to work specifically with the technology identified in the badge and has been certified by the developer to meet Apple performance standards.

*AirPlay is a trademark of Apple Inc., registered in the U.S. and other countries.

2: Contents

Audiolab 7000N Play

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3: Getting Started

Page 5

Introduction of 7000N Play

Bringing hi-resolution wireless audio streaming to any home audio system, the 7000N Play further expands on the multi-format, multi-platform, multi-source compatible DTS Play-Fi system, now with Apple AirPlay 2 compatibility.

Featuring DTS Play-Fi® Technology, the 7000N Play allows music to be streamed over your wireless network in high-resolution format and can be easily expanded to a multi-room system if required. You can stream from any source on your wireless network, including smartphones, tablets or PCs as well as a NAS Drive.

Features

- ESS Sabre ES9038Q2M reference DAC
- Isolated power supply
- 2.8" (48 x 64mm) full view IPS LCD
- DTS Play-Fi technology
- Streaming service support includes Amazon Music, Spotify, TIDAL, KKBox, SiriusXM, Napster, Internet Radio, Deezer, iHeartRadio, PANDORA, Qobuz, QQ Music and more
- Apple Airplay 2 compatible
- Multi-room / multi-speaker group support
- Android / iOS / Kindle Fire/ Windows PC control support
- Automatic equipment activation via 12V trigger and link
- Wired Internet connection for high bandwidth applications
- USB firmware upgrade input

Inputs

- One 12V trigger input
- USB 2.0 port for volume control synchronisation via the DTS Play-Fi app, when connected by USB data cable to the 7000A USB update port.

Outputs

- One coaxial output
- One optical output
- One RCA line output pair

Unpacking the equipment

The carton contains:

- The Audiolab 7000N Play
- One IEC mains cable with a plug suitable for your area
- One remote handset
- One instruction manual

Please note: The remote control requires 2 x AAA type batteries. Due to international shipping and courier regulations with Lithium Ion batteries, the remote controller battery is not included in this package.

Consult the dealer from whom you purchased the equipment if any item is not present.

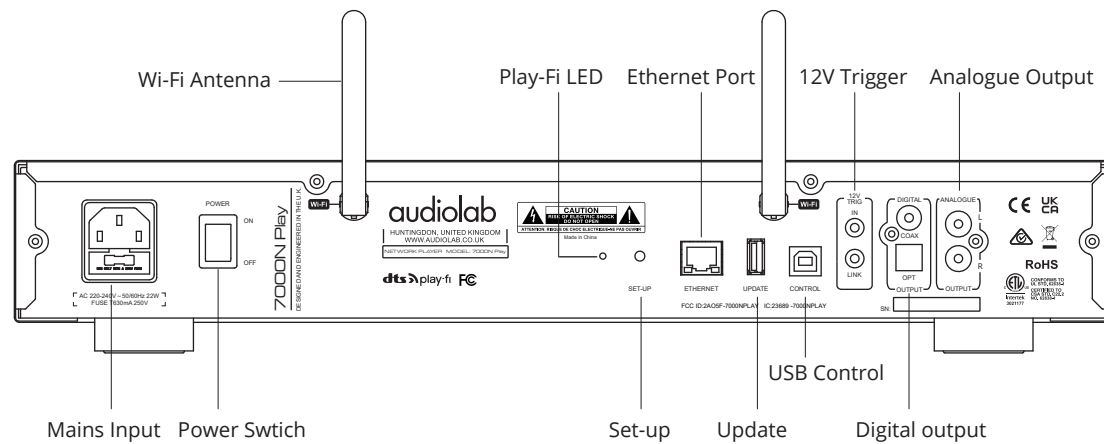
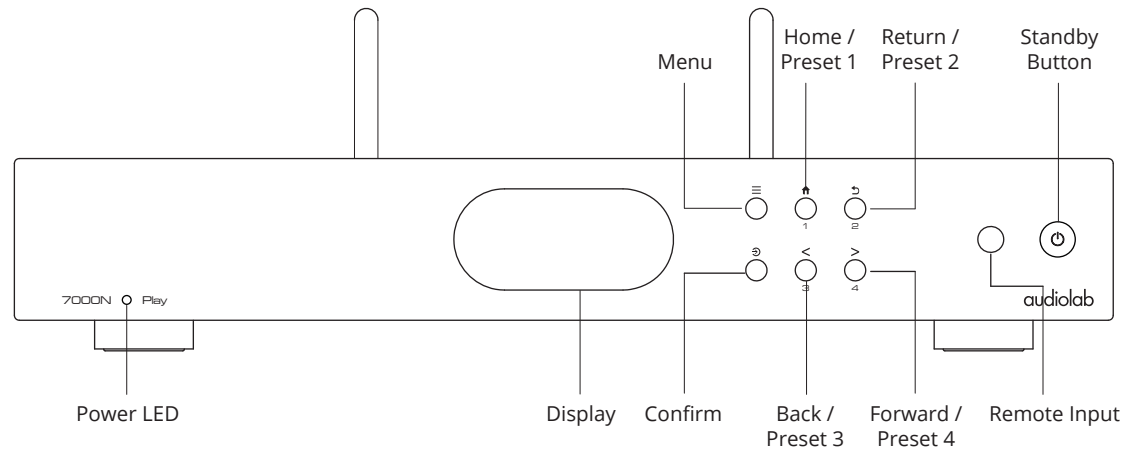
Carefully unpack the unit and accessories. Take care not to damage the surface finish when undoing the protective polythene sleeve. Retain the packing materials for future use. Retain the user manual and information concerning the date and place of purchase of your equipment for future reference. If you transfer the unit to a third party, please pass on this instruction manual along with the equipment.

Placement

The unit must be mounted on a solid, level and stable surface.

Before you connect the Audiolab 7000N Play to the AC mains power, ensure your AC mains voltage corresponds to the rating on the rear panel of the product. If in doubt, consult your dealer. If you move to an area which has a different mains voltage, seek advice from an Audiolab appointed dealer or a competent service technician.

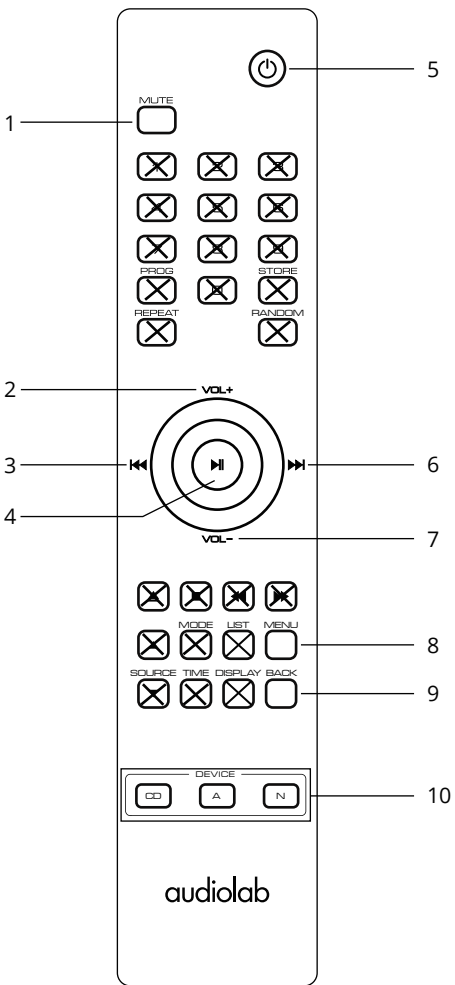
4: Controls and Functions



Indicators

Device Status	LED Status
Standby Mode	Dim red LED
Initialisation Mode	Fast flash white LED
Standard Setting Mode	Slow-breathe white LED
WPS Mode	Double flash white LED
Network Connecting	Slow flash white LED
WiFi Connected	Bright white LED
Wired Network Connected	Bright red LED

5: Remote Handset Page 7



1. MUTE Press to mute and unmute the 7000N Play
2. VOL+ Increase the volume / move to the previous option in menu settings
3. ⏮ Move to the previous track / move to the previous option in menu settings
4. ⏸ Press to start / pause. Press to confirm setting selected in menu
5. STANDBY Press to bring the unit in / out of standby
6. ⏭ Move to the next track / move to the next option in menu settings
7. VOL- Decrease the volume / move to the next option in menu settings
8. MENU Press to enter menu mode
9. BACK Press to go back when navigating directories
10. CD/A/N Press to select the model
- 7000A / 7000CDT / 7000N Play

Fit the Batteries

Open the cover and insert 2 x AAA batteries (not supplied), replace the cover.

Always use AAA batteries and replace them in sets – never mix up old and new batteries. Very weak batteries can leak and damage the handset. Replace them in good time!

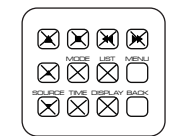
Note: there is a risk of fire and injury if a battery is handled improperly. Do not disassemble, crush, puncture, short the contacts or dispose of the batteries in fire or water. Do not attempt to open or service a battery. Discard used batteries in full accordance with recycling regulations in force in your area.

Handset Operation

Point the handset at the remote receiver and press the buttons as illustrated to activate the relevant functions.

The handset should be within 15 metres of the player and there should be a clear line of sight between the handset and the unit for optimum remote control operation.

Note: The buttons shown crossed out are for use with other Audiolab units and offer no function on the 7000N Play.



For example, except for the 'MENU' and 'BACK' buttons, the other remote control buttons do not offer any functionality with the 7000N Play.

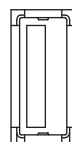
6: Connections

USB Update

Any official Audiolab update will be provided by download from audiolab.co.uk

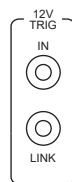
Please read and follow any instructions provided with any such download.

POWER OFF the 7000N Play unit. Insert the USB storage device, onto which the USB update files have been loaded. Press the 'STANDBY' button on the front panel then simultaneously POWER ON, your 7000N Play will upgrade automatically. Wait for the device display to confirm that the update is completed. Then, unplug the USB drive and restart the 7000N Play. The unit is now ready to use.



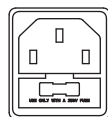
12V Trigger Connection

The 7000N features two 12V trigger connections on the rear panel. One is input from your amplifier, and the other is a link that can be used as an output to connect to other products such as the wider 7000 series models. For the Audiolab 7000 series, this will be a 3.5mm to 3.5mm interconnect.



Mains Input

Before connecting the AC power cord to the 7000N Play, please make sure the Power Switch is in the OFF position. Switch it to the ON position after connecting the unit to the AC mains.



AC 230-240V ~ 50/60Hz 22W
FUSE T630mA 250V

USB Control Interface

If you are using 7000N Play with the Audiolab 7000A amplifier, connect this USB Control Interface to the 7000A 'Update' Interface with a USB data cable. You can then use the Play-Fi APP to control the listening volume.

Please note: the USB Control Interface cannot be used to link to a PC or output digital music data.



CONTROL

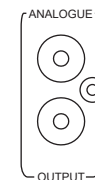
Coaxial and Optical Output

The 7000N Play offers one Coaxial and one Optical SPDIF digital output. Connect a suitable Digital Coaxial (fully screened) interconnect or Optical cable from the appropriate SPDIF output of the 7000N Play to the input of a DAC or digital input on your chosen amplifier or preamplifier.



Analogue Output

The 7000N Play offers an analogue output. Use this stereo output to connect to an amplifier or other device that accepts an analogue input using a shielded RCA cable.



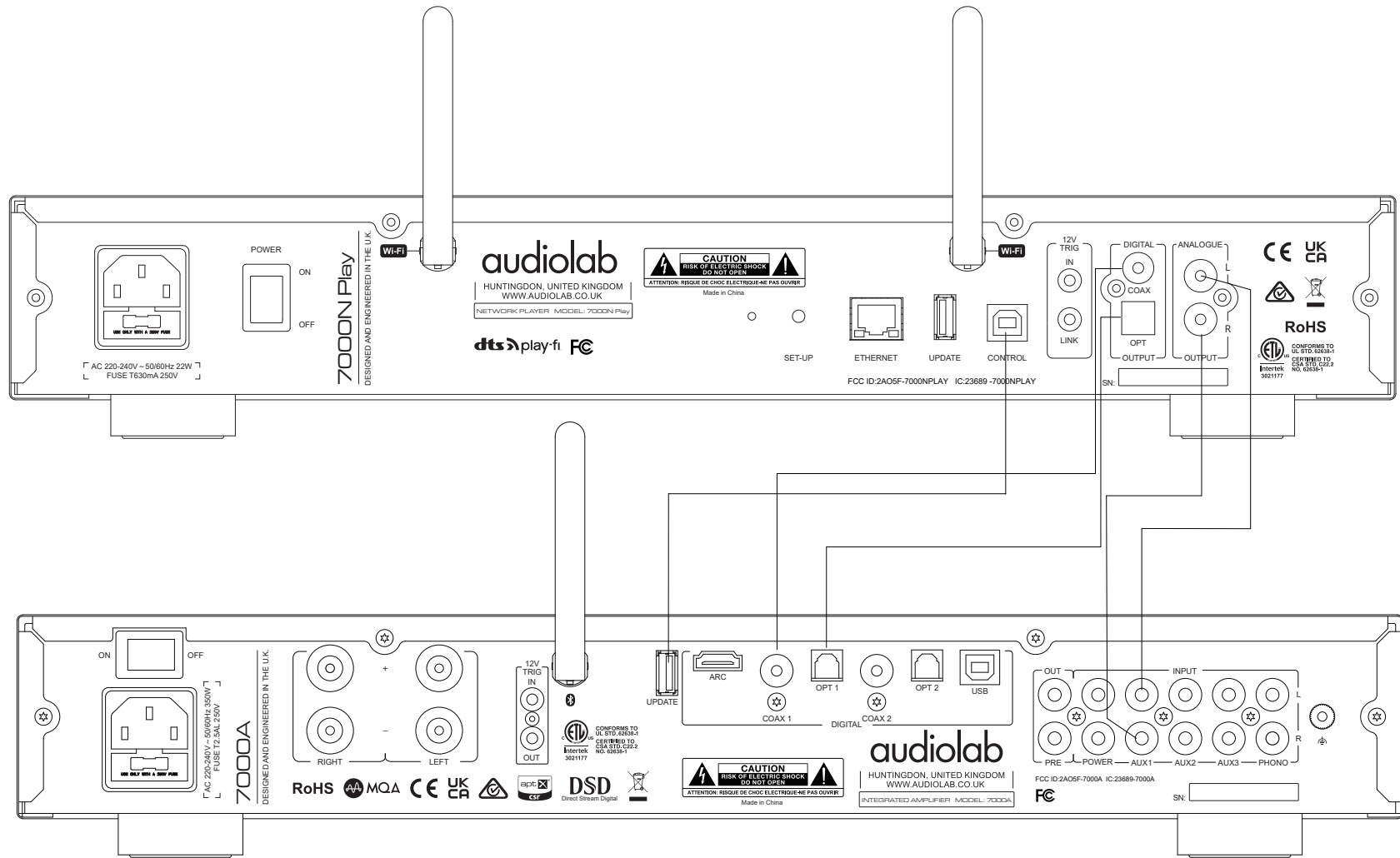
Ethernet Port

Use a suitable cable to plug the Ethernet Port into the LAN port of a wireless router for a wired connection.



ETHERNET

6: Connections Page 9



NOTE:

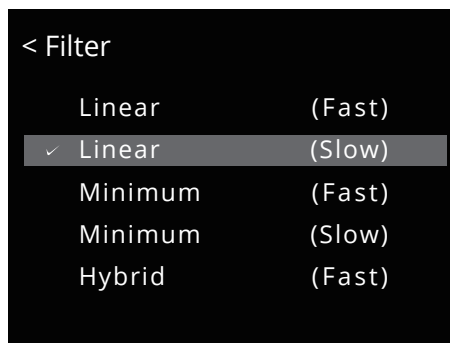
1. Connect via EITHER digital OR analogue connection options, as per the diagram above.
2. The COAX / Optical digital connection is recommended as the COAX and OPT outputs transfer the PCM digital signal at up to 24-bit/192kHz resolution.
3. The analogue output level can be controlled by the digital volume control within the DTS Play-Fi app, when the 7000N Play is connected to a 7000A amplifier via the USB Control Interface. As per the diagram above; connect the 7000A UPDATE input to the CONTROL input of the 7000N Play, by way of a USB data cable, to enable this functionality.

7: Menu Options

Filter

The Audiolab 7000N Play Play's ESS ES9038Q2M SABRE DAC allows for detailed tuning of the audio experience. The DAC reconstruction filter is a critical part of refining the sound of a system that depends on listening taste, program material, and equipment set-up.

- **Linear (Fast):** This is the most common filter with clean overall suppression and excellent rejection, best for music with large transients. Provides crisp clean highs.
- **Linear (Slow):** A low group delay and symmetrical input response with less ringing than 'Linear' (Fast). It offers punchier bass than 'Linear' (Fast), with clean highs. (Default)
- **Minimum (Fast):** This offers minimal pre-ringing. It is usually preferred for imaging and sound stages. It offers no aliasing in the frequency domain and stronger bass than Linear (Fast), with clean highs.
- **Minimum (Slow):** A Non-Symmetrical filter designed to minimise pre-ringing. It offers a strong punchy bass with a good transient attack.
- **Hybrid:** This is the combination of 'Linear-phase' and 'Minimum-phase'. It offers a fast transient attack, strong punchy bass and crisp highs.

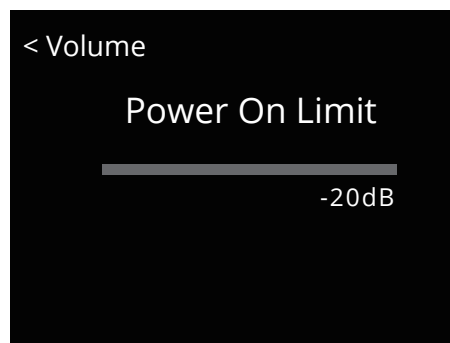


Volume

Power On Limit
Power On Limit sets the maximum volume level as the unit is switched on.

When coming out of standby, the volume setting will be set to the level that was used at the end of the previous operating session OR to the Power On Limit value set in this menu, whichever is lowest.

This will avoid a sudden loud signal at the beginning of a new session.

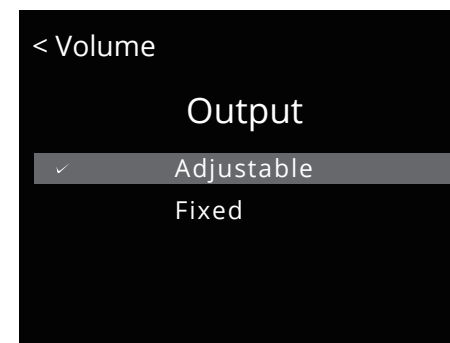


Output

The analogue output level can be switched between FIXED and ADJUSTABLE.

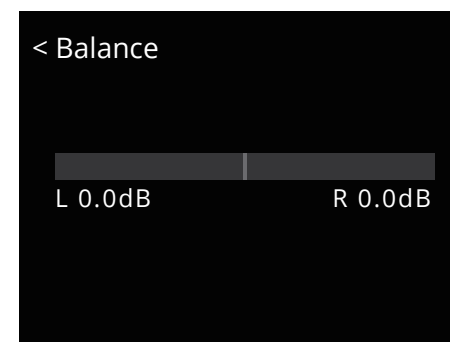
When set to FIXED mode, the analogue output level will be fixed to the maximum output. When set to ADJUSTABLE mode, the analogue output can be adjusted via the DTS Play-Fi App. The default setting on the 7000N Play is ADJUSTABLE mode.

If using the 7000A Volume Sync feature with a USB cable connected between the 7000N Play and 7000A, it is recommended to set the 7000N Play Output to Fixed. The DTS Play-Fi app will then control the volume of the 7000A.



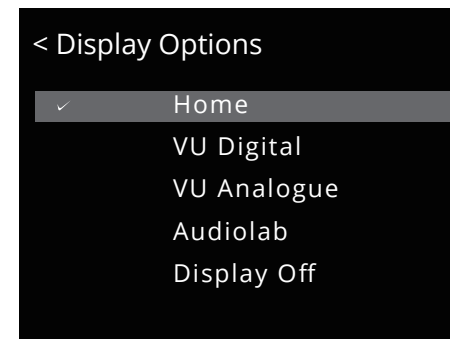
Balance

Adjust the Left and Right balance of the 7000N Play audio output.



Display option

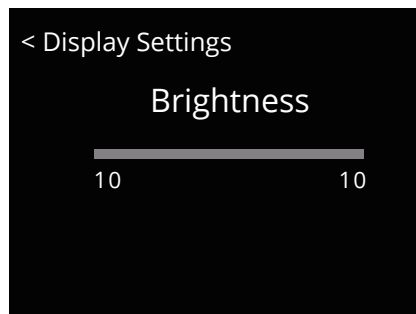
Access the various display options for the 7000N Play front panel display.



7: Menu Options Page 11

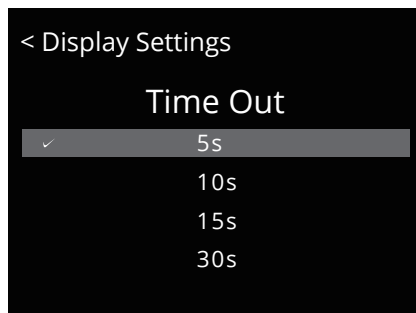
Brightness

Access the brightness for the 7000N Play front panel display.



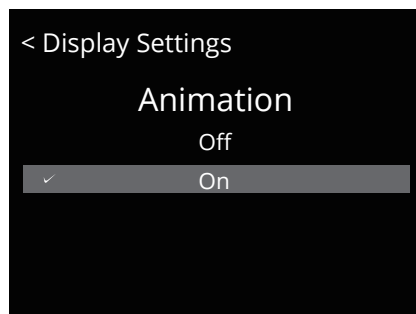
Display Time Out

Adjust the time period after which the 7000N Play display will revert to your prechosen display option, after performing track selection and other operations.



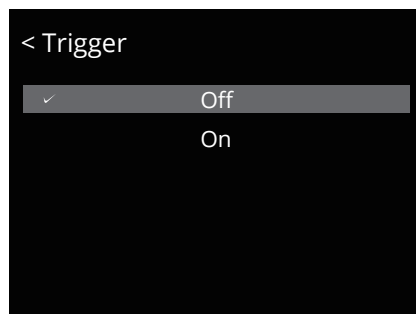
Animation

Activate (ON) or deactivate (OFF) the animations shown in the playback interface display.



Trigger

Activate or deactivate the 12V trigger function of the 7000N Play.



Language

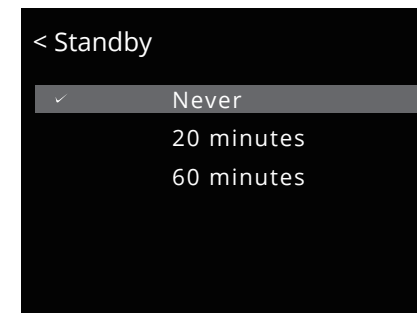
The 7000N Play offers multiple language options for the GUI. Select your chosen language from the list. The default language is 'English'.



Standby

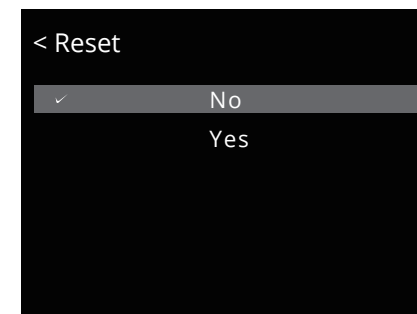
The auto-standby feature will put the 7000N Play into standby mode after 20 minutes of inactivity. This feature can be also user-defined and set to 20 minutes, 60 minutes or 'never'.

The latter option means that the 7000N Play will not enter standby mode without user instruction by way of the front panel 'standby' button or remote control 'standby' button.



Reset

Reset the 7000N Play to the factory default settings.



Version

Check the current operational firmware version.



8: System Operations

Switching On and Off

The 7000N Play should be switched on before the amplification stage in your system. When switching off your system, turn off the amplifier stage before switching off the 7000N Play.

Standby Mode

After the initial power is on, the 7000N Play will be in 'standby' mode.

To use the 7000N Play, press the 'STANDBY' button to bring the 7000N Play out of standby.

The power indicator LED will become brighter and the display will show the 'Audiolab' welcome screen as the unit enters operational mode.

Preset

Store/Play Internet Radio Stations - up to 4 stations can be stored.

To store a station, press and hold a Preset button for 3 seconds. The LED will double-flash once to show it is stored. If it fails to store the LED will double-flash three times.

To Play a station, press the Preset button briefly. The LED will double-flash once.

Failure to play a station will be signalled by the LED double-flashing 3 times.

AirPlay 2

Make sure that your Apple device and 7000N Play are connected to the same Wi-Fi network.

Open your chosen music player app on your Apple device.

Please note: If you are already listening to music, you can use the control centre to quickly connect. Swipe down from the upper right of the screen to open the control centre and tap the AirPlay icon on the audio player.


Tap the AirPlay icon at the bottom of the screen 



Tap the device that you want to stream (ie. 7000N Play). Music will begin playing via the 7000N Play.



To stop playing music, tap the AirPlay icon again and deselect the 7000N Play.

Alternative Display Options

The Audiolab 7000N Play has an intelligent and versatile display. You can access the display options via the menu function.

Press the 'MENU' button on the remote controller to enter menu mode, or press the  button on the front panel of the device.

Navigate to 'Display Options' via the menu options (use the VOL+/- buttons on the remote or  and  buttons on the front panel and remote to navigate.)

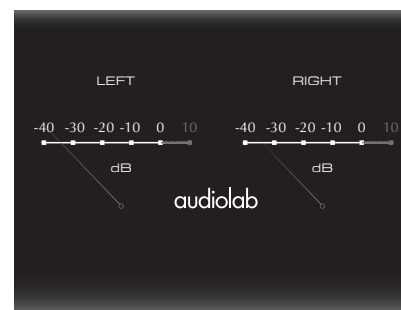
Choose and confirm by  on the remote control or  on the front panel of the device.



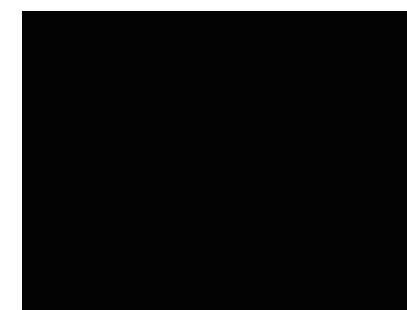
Audiolab



Digital VU



Analogue VU



Display Off

9: DTS Play-Fi® Wireless Streaming Technology Page 13

DTS® Play-Fi® Features

With DTS® Play-Fi® technology, stream your favourite music and content with astounding audio quality, from every device that you own. All DTS Play-Fi enabled products are seamlessly interoperable, so you can find the perfect speaker, A/V component, or TV for every room of your home, and control them all with only one app.



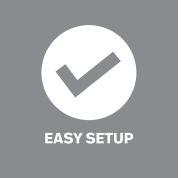
ANY OPERATING SYSTEM

Wi-Fi TECHNOLOGY DTS Play-Fi streams audio over standard Wi-Fi networks delivering perfectly synced audio with no lag and zero loss in sound quality.



MULTI-ROOM

Enjoy music in every room of your house - all at once, perfectly synchronised, with no lag. You're in control.



EASY SETUP

No logins, no complicated computer-based setups. Just download the app and within minutes, you're ready to listen.



HIGH-RESOLUTION AUDIO

With Critical Listening Mode from DTS Play-Fi, stream lossless audio at resolutions up to 24-bit/192kHz.



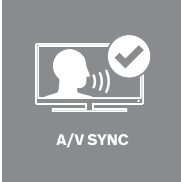
WIRELESS SURROUND SOUND

Surround yourself with sound, not wires. Create a wireless immersive home theatre experience by connecting any DTS Play-Fi enabled speakers.



PORTABLE LISTENING

Listen over headphones by streaming to a mobile device.



A / V SYNC

Maintain A/C lip sync from video sources across all your speakers.

For DTS patents, see <http://patents.dts.com>. Manufactured under license from DTS Licensing Limited. DTS, Play-Fi, the Symbol, and Play-Fi together in combination with the Symbol are trademarks of DTS, Inc. DTS and Play-Fi are registered trademarks of DTS, Inc. © DTS, Inc. All Rights Reserved.

10: Download the APP

Download the DTS Play-Fi APP

The DTS Play-Fi APP can be downloaded from the Google Play Store, Amazon APP Market or Apple App Store. For Windows PC you can download the Play-Fi Windows APP from the official website: <https://play-fi.com>



Wired Network Setting

Connect the Ethernet port to the LAN port of the router using a suitable cable. After switching on the 7000N Play, the white LED on the front panel and red Wi-Fi LED on the rear panel will fast-flash during the initialise phase of Wi-Fi mode. The LED indicator change from white to red on the front panel and slow-flash when the device is connected to the wired network connection. If the connection is successful, the red Wi-Fi LED will turn off, and the red LED on the front panel stays lit.

Wireless Network Setting

You can connect to a wireless network in two modes: WPS mode or standard mode.

WPS mode:

To make the 7000N Play enter WPS mode, switch the unit on and long-press the Wi-Fi setup button on the rear panel for 4 seconds. The Wi-Fi LED will double-flash and beep with a warning tone indicating that WPS mode is active. Then briefly press the WPS key on your wireless router and the unit should connect to your wireless network automatically. This connection phase may take up to 60 seconds. If the connection fails, please try again.

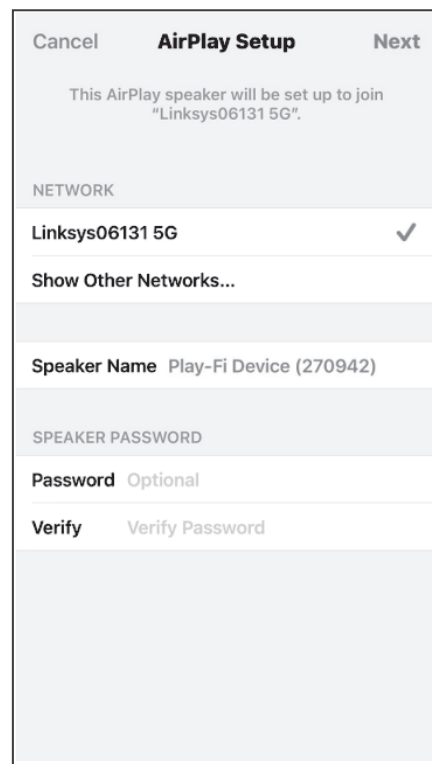
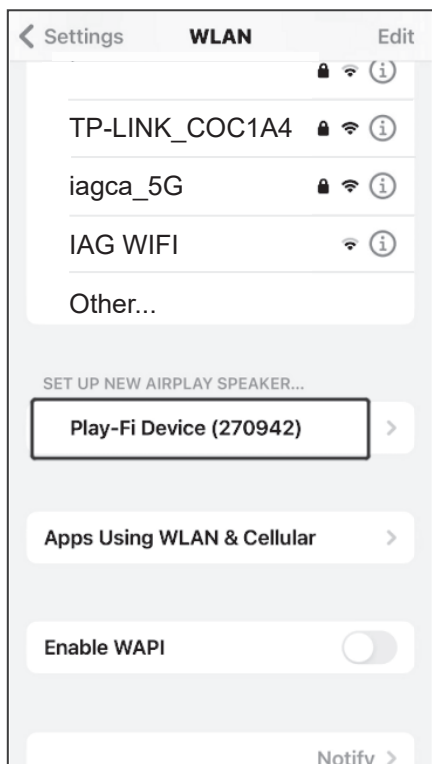
Standard mode:

After switching the 7000N Play on, long-press the Wi-Fi setup button on the rear panel for 8 seconds. In the first 4 seconds, the Wi-Fi LED will double-flash and beep with a warning tone, keep holding the button down and after 8 seconds the Wi-Fi LED will flash quickly and also beep with a warning tone. The standard connection mode is now active and the Wi-Fi hotspot will be available after 20 seconds. Then the Wi-Fi LED will flash-breathe with a slow fluctuation between off and on (reflected by the white LED on the front panel). You can now use your Android or IOS device to enter the Wi-Fi password using the Play-Fi APP as follows.

11 .Wi-Fi Connection Using the APP Page 15

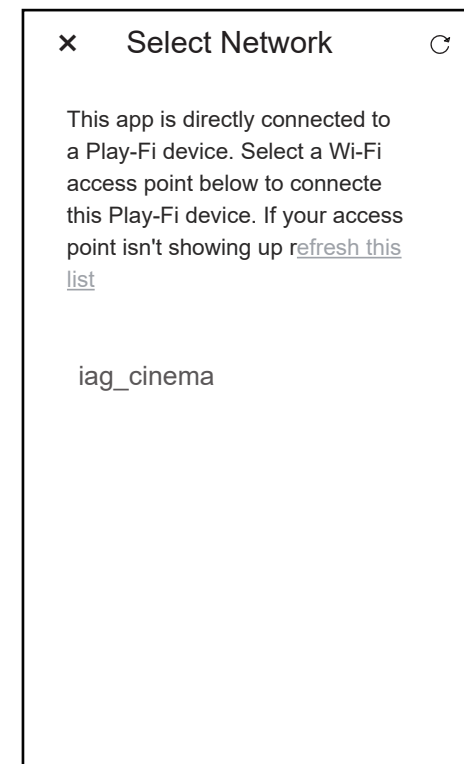
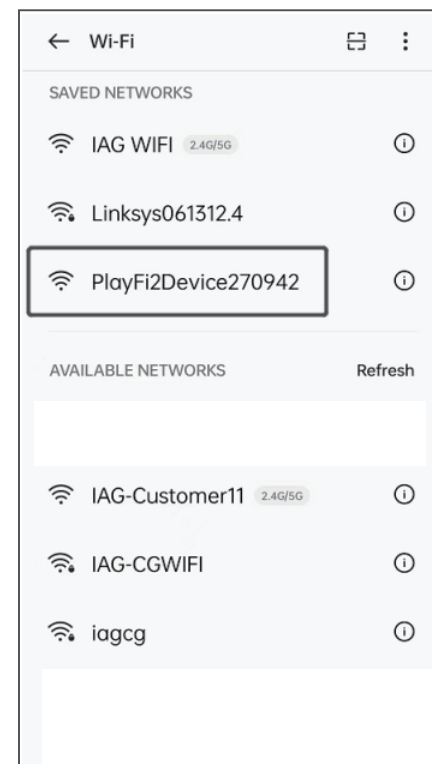
For Apple iOS users:

- (1) Please switch to the Settings - Wi-Fi menu on your iPhone, iPad or any other iOS Devices and select 'PlayFiXDeviceXXXXXX' from the SET UP NEW AIRPLAY SPEAKER options.
- (2) Select a network to connect to 7000N Play, press Next.
- (3) During installation, it will find and upgrade the 7000N Play Play-Fi settings which may take a few minutes.
- (4) After completing the network setup and upgrading you can open the Play-Fi APP and set a name for the 7000N Play Device and use it.



For Andriod users:

- (1) Please switch to the Settings - Wi-Fi menu on your smartphone or tablet and select 'PlayFiXDeviceXXXXXX' from the options.
- (2) Open the Play-Fi APP and it will find the 7000N Play Device. Select a Wi-Fi access point to connect to 7000N Play, and enter your wireless network password.
- (3) During installation, the APP will find and upgrade the 7000N Play Play-Fi settings which may take a few minutes.
- (4) After completing the network setup and upgrading you can set a name for the 7000N Play Device and use it.



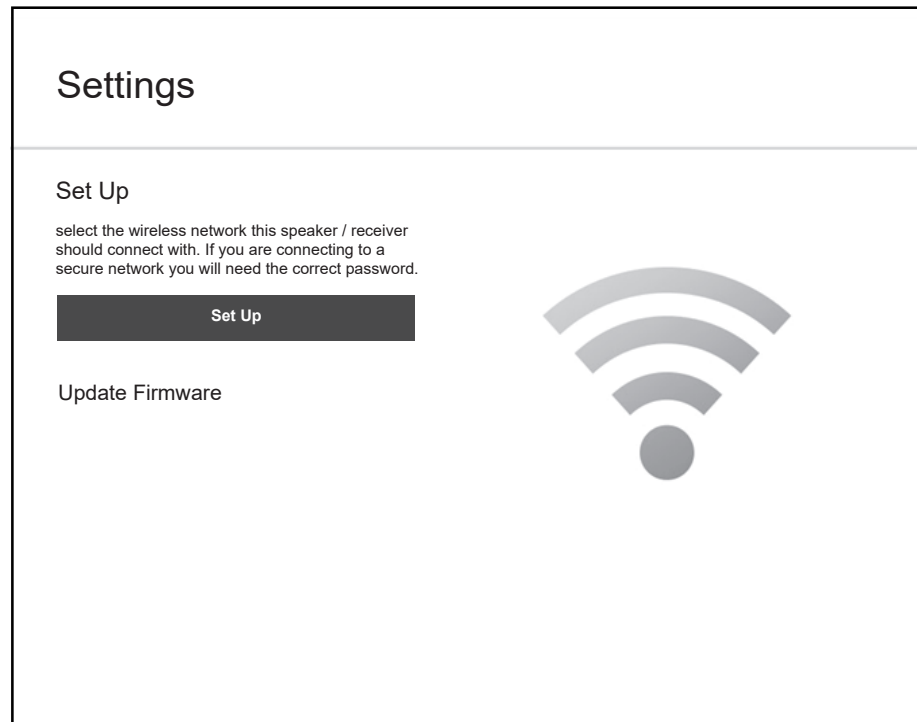
12: Wi-Fi Connection Setup Using a Windows PC or Mac

For PC or Mac users:

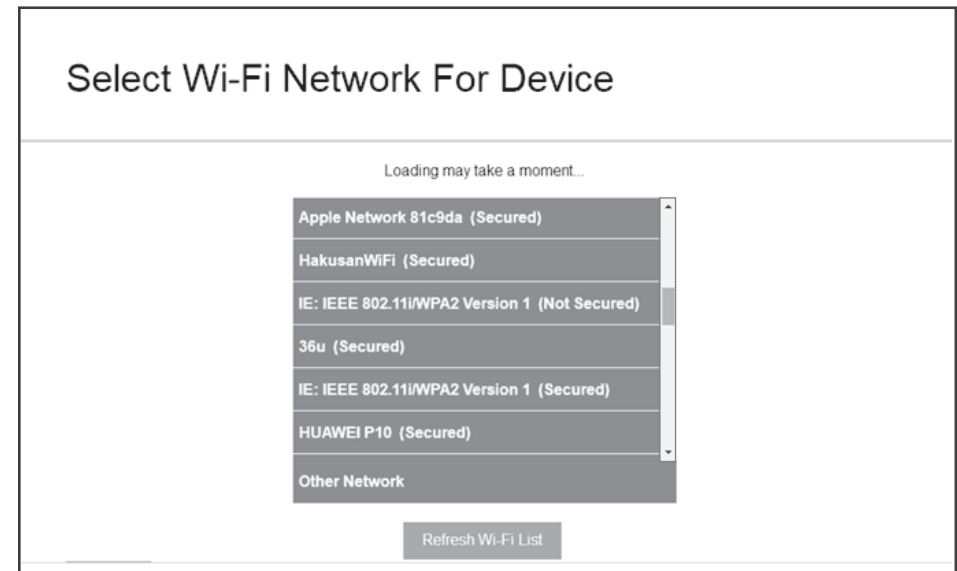
If you cannot connect using the DTS Play-Fi APP, or you need to do some high-level options such as setting the static IP configuration, you can set up the Audiolab 7000N Play using a web browser from your Windows PC or a Mac.

Set the 7000N Play to Standard Setup mode, then follow these steps:

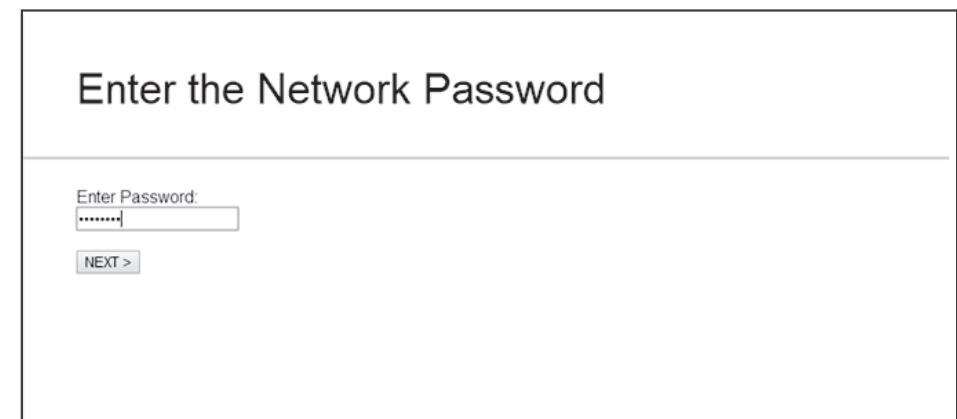
- (1) Connect your computer to the wireless Wi-Fi of the 7000N Play - it will show as 'PlayFiXDeviceXXXXXX' or a similar name. After connecting your computer may show 'No Internet Connection' - this is normal.
- (2) Open your Internet Browser and type: 192.168.0.1 in the address bar.
- (3) Click the Enter key or click the 'Continue' option in your Internet Browser.
- (4) This will open the Play-Fi configuration.
- (5) Select the 'Set Up' button.



- (6) Select your wireless router Wi-Fi network.



- (7) Enter the password for your wireless network. Then click the 'NEXT' button.



- (8) You can then name your 7000N Play Device and click 'NEXT'. The Wi-Fi connection will be made and you can use the device.

13.APP Operations

Device Selection

The DTS Play-Fi APP allows you to control and direct streaming music to a variety of devices throughout your home that use the DTS Play-Fi system. You can set each device to have a unique name. You can also group devices into an area, where each device will play the same music.

To select a device and area using the APP, click the '+' icon on the upper right corner of the APP display. Select an area to add, then select a device on which to play the music. If you wish to play high-resolution audio files, the icon 'Hi-Res AUDIO' should be selected.

Music Services

DTS Play-Fi supports the world's most popular and exciting streaming music services, so you can enjoy your favorites at home just as easily as you do in the gym. See below for more information on streaming music service platforms. Please feel free to choose the one you like. (Note: some streaming music service platforms probably need to be registered.)

Amazon Music

Amazon Prime members can use Amazon's popular music service for free. A growing selection of over 2 million songs is always ad-free and on-demand, with curated playlists, personalized stations and unlimited skips. Upgrade to Prime Music Unlimited, and enjoy 10 million songs, weekly new releases, and more.



Deezer

With 43 million tracks, 100 million playlists, and a presence in 182 countries, Deezer literally covers the globe for its subscribers. Subscriptions start at \$9.99/month and include ad-free playback, premium audio quality, and more.



iHeartRadio

iHeartRadio combines access to over 1,500 of the most popular live terrestrial and internet radio stations with unique live events and compelling custom features, like artist radio, personalized radio, and on-demand podcasts for FREE. Their new Plus and All-Access subscriptions allow you to pause, rewind, skip and save live radio content, stream on-demand music, and more.



Internet Radio

DTS Play-Fi has a built-in Internet Radio service that gives you access to thousands of radio stations and podcasts from around the globe. Instantly see your local favorites, or tune in to the BBC, ESPN, Radio Disney, the Wall Street Journal, and more. Browsing is a snap, and if you find a station you love, just give it a star and it will be ready to stream whenever you are. Free, no subscription required.



Juke

With more than 20 million tracks and a dedicated base of music fans, Juke's streaming service includes popular features like on-the-go playlists, new music discovery, and ad-free listening. DTS Play-Fi is the only multi-room audio platform to offer the Juke service.



KKBox

KKBox is Asia's leading streaming music service, with over 30 million tracks from 500 local and major labels, and the most comprehensive collection of Asia-Pop in the world. Featuring both free and premium options, the service also includes mood-based programming and supplemental content including music news, videos, concert updates and more.



On Device Music

DTS Play-Fi puts your mobile music collection at your fingertips, automatically finding and indexing the songs stored on your device. You can browse and stream by album, artist or genre, and even use your existing playlists. DTS Play-Fi supports local files in multiple formats, from MP3 all the way up to premium CD and lossless quality encoding. Free, with no subscription required.



13.APP Operations

Media Server

Got a hard drive full of music? Avid digital collectors can access and stream from media servers using DTS Play-Fi. The system automatically discovers and indexes music from DLNA and UPnP servers on your network. You can select and stream files in multiple formats via DTS Play-Fi, including premium tracks, encoded at CD quality or even 24-bit/192kHz lossless content. No subscription is required.



Napster

Napster integrates the heritage of streaming market pioneer Rhapsody into its premium, ad-free on-demand service. With 30 million tracks, instant playlist creation, and anytime, anywhere access, Napster is justifiably popular on multiple continents with millions of subscribers.



Pandora

Listen free to music you'll love, as Pandora's streaming service evolves with your tastes. Give songs a thumbs up or down, and your stations become more personal the more you listen. Enjoy the service at no charge with ads, upgrade to Pandora Plus for commercial-free streaming, or try Pandora Premium to add on-demand features and premium sound quality to your experience.



Qobuz

Based in France, Qobuz was founded and built around a premium audio quality experience. It boasts 70,000 albums available for streaming at 24/192, with much more streaming at 16/44 CD quality. The service also features in-depth artist profiles and editorial content.



QQMusic

China's largest music streaming service offers tens of millions of tracks and thousands of radio stations to its 400 million monthly active users. With free and premium tiers and both local and international content, QQ Music is a dominant force in music listening in China.



SiriusXM

With over 150 channels of commercial-free music plus sports, talk, comedy, entertainment, news and more, it's no wonder that Sirius XM is one of the most widely used premium streaming services in North America. It's a snap to go from listening in your car to listening at home with DTS Play-Fi.



SoundMachine

Business never sounded so good! Whether it's in an office or a restaurant, a retailer or a hotel, background music enhances both the customer and the employee experience. Hundreds of stations and millions of songs, including the ability to create artist stations, so you can design the perfect sound for your brand. Fully licensed for business environments.



Spotify

Their motto is 'Music for Everyone', and with millions of listeners around the globe, Spotify seems to be onto something. Create and share playlists, or choose from thousands of curated collections. Spotify Premium subscribers can stream directly to any DTS Play-Fi enabled speaker directly from the Spotify App. Available in the US and more than 50 other countries. The Spotify Software is subject to third-party licenses found here: www.spotify.com/connect/third-party-licenses. Use your phone, tablet or computer as a remote control for Spotify. Go to spotify.com/connect to learn how.



Tidal

High Fidelity Music Streaming is Tidal's hallmark. Every track on the service streams in premium audio format, with most in lossless CD quality or above. The service also boasts many exclusive new releases, artist-curated stations and in-depth features designed to complement the music offerings. Available to DTS Play-Fi users in the US and more than 50 other countries.



In addition to the support listed above, it also supports music services such as BBC, ESPN RADIO, HD tracks, NPR, TuneIn and so on, and there will be more music platforms involved in the development.

DISCLAIMER: Not all music services are available in all regions and countries.

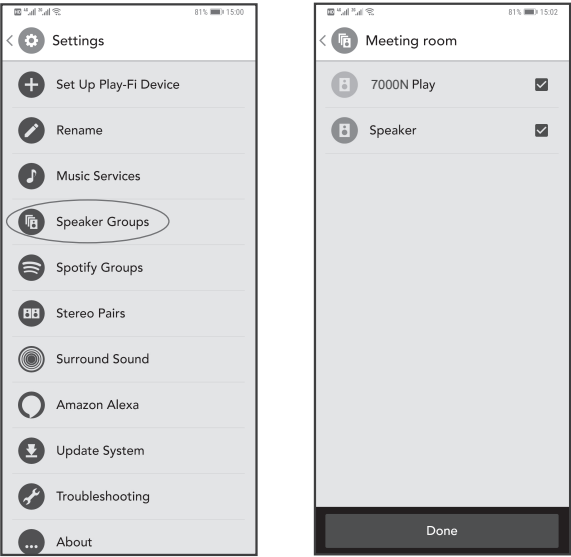
13.APP Operations Page 19

Speakers Group

To stream music from 7000N Play to multi-room devices such as DTS Play-Fi enabled Speakers, open the DTS Play-Fi APP, find the device or speaker, give it a name and then add it.

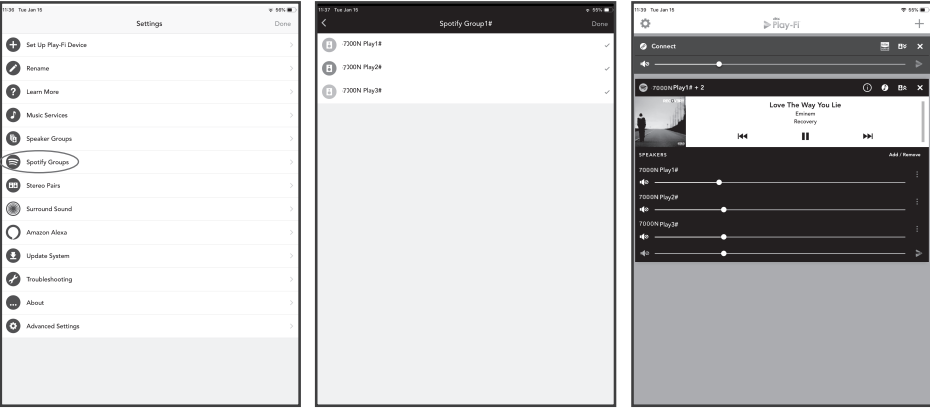
To delete the device or speaker, just click on the right side of the device name and then delete.

Currently, it is not recommended to wirelessly stream Hi-Res audio to speakers if you want stable, uninterrupted playback.



Spotify Group

Open Set up in the DTS Play-Fi App; click the Spotify Group. Create a new group and name it, then select any DTS Play-Fi enabled products you want in this group (on the right side). Any speakers that can't be joined to a Spotify Group will be greyed out. Once you're satisfied, head to the Spotify app to start streaming.



For trouble shooting and fault diagnosis, you can open the APP settings to find the 'Fault diagnosis', then enter the DTS Play-Fi website knowledge base which has detailed information and customer support.

System updates are provided by OTA (over the air) automatic updates in conjunction with the DTS Play-Fi App. If system requires a manual update, click 'Update System' and the process will proceed automatically. Click 'About', to check the current DTS Play-Fi's APP version and the status of network connection, IP address, versions of the module software and MCU. Under 'Advanced Settings' you can choose from various options - the default mode settings are generally recommended.

14: Warranty Coverage

Audiolab warrants its products, subject to the following terms and conditions below, to be free from defects in materials and workmanship.

Online Registration



Scan the QR code using a smart-phone device, for product warranty registration online.

The three (3) year extended warranty is applicable to items purchased from Jan 1st 2021, onwards. Items purchased prior to this date are not eligible for this extended warranty service but are subject to statutory warranty claims and all applicable consumer rights.

To qualify for the extended 3 year warranty, you must register your product within ninety (90) calendar days from the date of purchase. Visit audiolab.co.uk/warranty-registration to complete your online registration. Items not registered online will have a Limited Warranty for one (1) year, or for the period of your country's statutory warranty, whichever is longer.

Warranty can only be offered to products registered with proof of purchase with date, model and details of the authorised dealer clearly stated on the receipt/invoice. Please keep the original receipt/invoice in case it is required for a warranty claim.

This Limited Warranty is non-transferable and is offered exclusively to the original owner.

This Limited Warranty is valid only in the original country of purchase.

Repairs or replacements are provided under this warranty are the exclusive remedy of the consumer. Audiolab shall not be liable for any incidental or consequential damages for breach of any expenses or implied warranty with any product. Except to the extent prohibited by law, this warranty is exclusive and in lieu of all other warranties whatsoever, both expressed and implied, including but not limited to the warrant of merchantability and fitness for practical purpose.

This warranty provides benefits that are additional to and do not affect your statutory consumer rights.

This Limited Warranty offer is subject to correct information being submitted in your application. Incorrect dates or mismatched purchase receipt dates that are outside of the warranty terms will immediately invalidate any warranty claim.

*Please check with your dealer local distributor for further information.

Exclusions

The following items are excluded from the Audiolab warranty:

Normal wear and tear and cosmetic damage (including but not limited to any wear from reasonable use, environmental deterioration or neglect)

Products on which the serial number has been removed, altered or otherwise made illegible.

Products not purchased from an authorised Audiolab dealer.

Products that were not new at the time of original purchase.

Products sold 'as is', 'as seen' or 'with faults'

Product not purchased from an Authorised Dealer/Distributor within the region of the claim (ie parallel imports or grey market products)

Accidental damage or faults caused by commercial use, acts of God, incorrect installation, incorrect connection, incorrect packaging, misuse or careless operation or handling which is not in accordance with the user instructions.

Equipment that has been operated in conjunction with unsuitable, inappropriate or faulty apparatus.

Repairs, alterations or modifications carried out by parties other than Audiolab or its authorised service partners.

Damage in transit that cannot be attributable to the fault of Audiolab, the authorised distributor or dealer (ie. claims otherwise covered by transit insurance.)

Faults relating to abnormal or inappropriate power supply voltage or power surges.

Faults relating to extremities in temperature, exposure to heat, water or other liquids, insects, excessive moisture, sand, chemicals, battery leakage or any other contaminants.

Any force majeure events, including but not limited to any acts of God, fire, lightning, typhoon, storm, earthquake, hurricane, natural disaster, tsunami, flood, war, riot, public disturbance.

Any other causes beyond the reasonable control of either Audiolab and its Authorised Distributor.

Please note items purchased before 1st Jan 2021 are not eligible for the extended warranty claim.

14: Warranty Coverage

How to claim

To obtain warranty service please contact the authorised dealer from which you purchased this product and present the limited warranty certificate offered upon registration of your product's extended warranty offer.

Do not dispatch goods without the prior agreement of the dealer distributor or authorised service centre.

If asked to return products for inspection and or repair, please pack carefully preferably in the original carton or packaging affording an equal degree of protection and returned via insured, trackable courier service.

The authorised dealer or distributor will offer full return details and instructions. However, please note if unsuitable packaging is used the warranty may be deemed void due to improper action in return.

Audiolab or the authorised distributor, dealer or service centre may make a charge for the supply of new packaging for the return of the repaired item. Please note, insurance is recommended as goods are returned at the owner's risk. Authorised distributors or service centres cannot be held liable for loss or damage in transit. Insurance and freight charges on the return journey will be paid for by Audiolab, authorised dealer, distributor or service centre if corrective work proves to be necessary.

In the event of 'no-fault found' or 'no repair necessary', the return shipping charge will be the responsibility of the owner.

Repairs

All repairs will be carried out by the appointed distributor (or locally appointed service centre). Repairs handled or processed without authorisation or approval of the appointed representative will be excluded from this limited warranty. Please note, Audiolab is not able to supply parts or replacement items to any other entity than the official distributor or authorised service centre.

Other than the warranty and services set out in this warranty, to the fullest extent permitted by law, Audiolab shall not be liable to you and/or any third party or entity whatsoever for:

- Any loss, damages and/or malfunction caused to any product(s) which is/are connected to any of the products covered by this warranty.
- Any damages, loss and liability, whether direct, indirect, incidental, consequential special, punitive or otherwise, howsoever caused by, arising out of or otherwise, in relation to the installation, delivery, use, service, repair, replacement and/or maintenance of the product;
- Any damages, loss and liability under this warranty in respect of any act, omission, or negligence of any of their technicians, employees, agents, representatives or independent contractors relating to the actual or purported performance of any of the obligations under this warranty.

Service Centre Address

Should a fault occur with your product, please pack it correctly using the original packing, so you can ship it safely. For technical support, servicing or product queries and information, please contact either your local retailer or the office below:

IAG Service Dept.
13/14 Glebe Road
Huntingdon
Cambridgeshire
PE29 7DL
UK

Tel: +44(0)1480 452561
Email: service@audiolab.co.uk

For information on other authorised service centres worldwide contact Audiolab International, UK.

A worldwide distributors list is available on the Audiolab website: www.audiolab.co.uk

15. Specifications

Model	7000N Play
General Description	Wireless Audio Streaming Player
Design Philosophy and Core Technology	<ul style="list-style-type: none"> - ESS Sabre ES9038Q2M Reference DAC - Isolated Power Supply - 2.8" (48 x 64mm) Full View IPS LCD - DTS Play-Fi Technology - Streaming Service Support includes Amazon Music, Spotify, TIDAL, KKBox, SiriusXM, Napster, Internet Radio, Deezer, iHeartRadio, PANDORA, Qobuz, QQ Music and more) - Apple Airplay 2 compatible - Multi-room / Multi Speaker Group Support - Android / iOS / Kindle Fire/ Windows PC Control Support - Automatic Equipment Activation Via 12V Trigger And Link - Wired Internet Connection For High Bandwidth Applications - USB Firmware Upgrade Input

Digital Section	
Digital Output Intensity	500 +/- 50mVpp
Output Impedance	75 ohms
Frequency Response	-0.01dB (20Hz-20kHz, ref.1kHz)
Max. Sampling Frequency	192kHz / 24-bit
Digital Outputs	1 x Coaxial, 1 x Optical, 1 x RCA Line Output

D to A Converter	
Variable Output Voltage	0 – 2.1V
DAC	ES9038Q2M
Frequency Response	+/-0.5dB (20Hz-20kHz, ref.1kHz)
Total Harmonic Distortion (THD)	<0.0005% (1kHz @2.1Vrms)
Max. Sampling Frequency	192kHz / 24-bit
Signal-to-Noise Ratio (S/N)	>115dB (A-weighted)
Output Impedance	100 ohms

General	
Standby Power Consumption	<0.5W
Dimensions (mm) (W x D x H)	444 x 340 x 78
Carton Size (mm) (W x D x H)	500 x 455 x 140
Net Weight	5.0kg
Gross Weight	6.1kg
Finish	Black / Silver
Power Requirements (depending on region)	220-240V ~ 50/60Hz 100-120V ~50/60Hz
Safety Regulation Conformity	20-600 ohms
Standard Accessories	Power Cord, USB Cable, User Manual



Correct disposal of this product. This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.



