

ARC ON-EAR

USER MANUAL

V 1.5.0



IK MULTIMEDIA

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1 - ARC ON·EAR

Thank you for purchasing ARC ON·EAR.

Your package contains:

- ARC ON·EAR
- USB cable
- Audio cable
- Headphone adapter (6.3mm to 3.5mm)
- Travel case
- Registration card



Experience the clarity and precision of a calibrated studio wherever you are — on the road, in a hotel room, or working late at night. ARC ON·EAR is the first fully portable, standalone headphone calibration and monitoring system. It transforms your headphones into a trustworthy reference tool — no plug-ins, no setup hassles, just accurate sound.

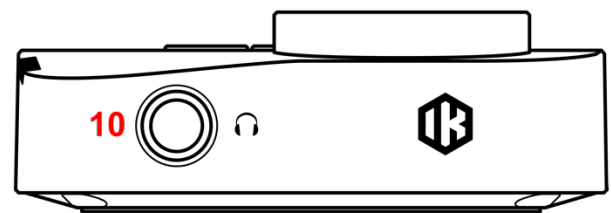
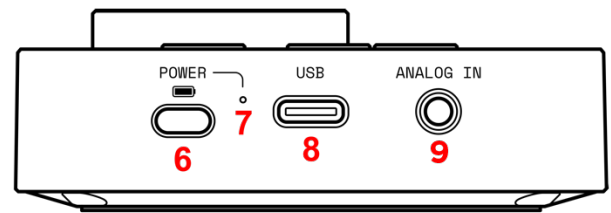
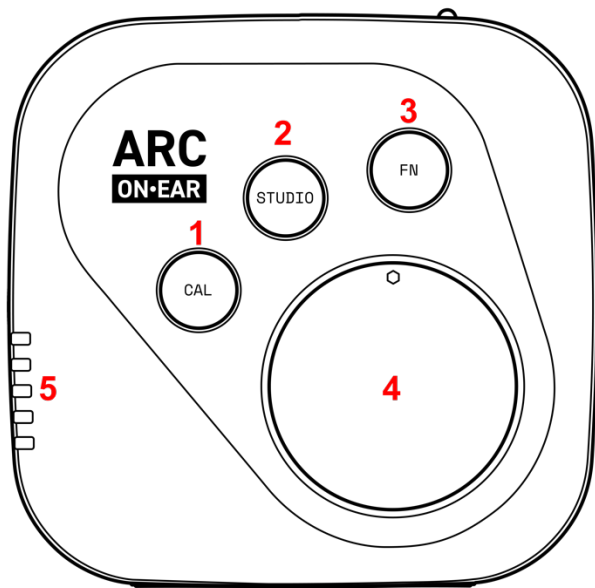
Built on proprietary DSP and the same engineering mindset that drives our room correction technology, ARC ON·EAR allows you to hear what's really happening in your audio, not what your headphones want you to hear.

1.1 - Register your ARC ON·EAR

Registering gives you access to technical support, activates your warranty, and grants you free JamPoints™ added to your account. JamPoints™ enable you to get discounts on future IK purchases! Registration also keeps you updated on the latest software releases and IK products.

Register at: www.ikmultimedia.com/registration

1.2 - Controls and connections



1. **CAL** button - Activates/Deactivates the headphone response correction filter.
2. **STUDIO** button - Activates/Deactivates the studio monitor in-room listening algorithm.
3. **FN** button – User-assigned button. By default, this is assigned to the MUTE function, but the assignment can be edited using the ARC ON·EAR software.
4. **VOLUME** knob - Controls the output volume of the unit. This is a digitally controlled analog volume control, ensuring the same dynamic range regardless of the current output volume.
5. **PRESET LEDs** - The 5 LEDs display the currently selected profile among the 5 available.
6. **POWER** switch - Turns the unit on/off.
7. **BATTERY LED** - The LED turns white when the battery is being charged. The LED turns off when the battery is fully charged.
8. **USB** port - Type C connector - Connect ARC ON·EAR to a compatible host for digital audio input and communication with the ARC ON·EAR application. You can also connect to a USB power supply to charge the battery.
9. **ANALOG IN** - 3.5 mm TRS jack - Use the supplied audio cable to connect to mixing desks or other analog audio sources.
10. **HEADPHONE OUT** - 6.3 mm TRS Jack - Main output. Connect your headphones here.

2 - Installation and setup

2.1 - Software installation

ARC ON·EAR features software for editing presets and performing firmware updates on the unit.

To download and access ARC ON·EAR software, follow the steps below:

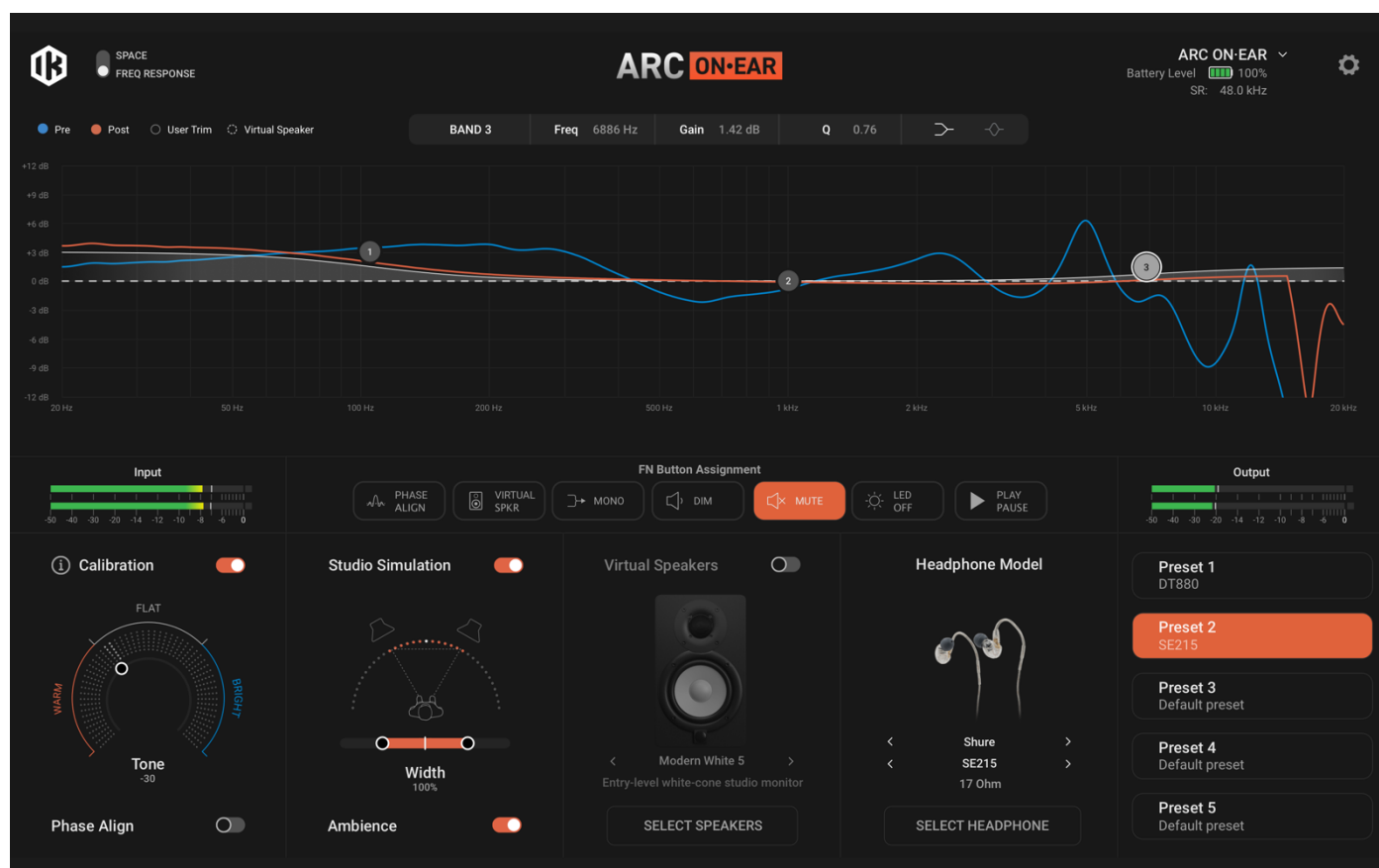
1. Download the free IK Product Manager: <https://www.ikmultimedia.com/products/productmanager>
2. Log in with your IK Multimedia credentials or create a new account
3. Launch IK Product Manager and select Register Product
4. Enter the serial number that came with your ARC ON·EAR unit
5. Download and Install ARC ON·EAR software from the Hardware tab in the IK Product Manager
6. Connect ARC ON·EAR to your computer and launch the ARC ON·EAR software

2.2 - Setup

A device configuration is required before using ARC ON·EAR for the first time.

The ARC ON·EAR software guides you through an easy setup that takes only a few minutes, allowing you to experience your headphones like never before.

Once the device is connected and powered on, the application should automatically detect it and display its stored data



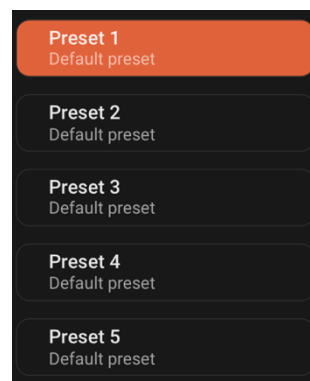
2.2.1 - Preset Settings

The device can store up to 5 different presets that can be fully customized. The available customizations for each preset are:

Preset Section:

The 5 presets are displayed in a list, with the selected preset highlighted in orange.

- **Preset Rename:** Double-click the preset name to rename it.
- **Preset copy/paste:** Right-click on presets to copy and paste it.
- **Preset Restore to Defaults:** Right-click a preset and select *Restore to Defaults* to reset all preset settings.
- **Presets drag and drop:** Click and drag a preset to reorder the list.



Headphone Section:

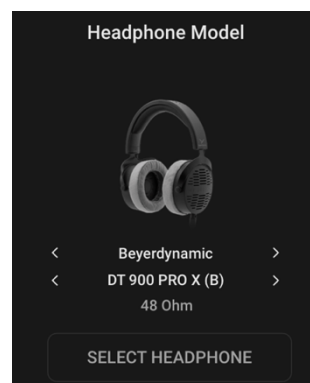
Select Headphone

Select the headphone by changing the brand and model with the arrows or by opening the headphone browser to choose the model used for the calibration filter. See the following chapter for more details.

The supported headphone list can be found at the following link:

<https://www.ikmultimedia.com/products/arconear/index.php?p=headphones>

Note: Selecting the correct headphone model allows the device to output the proper level based on the headphone impedance.



Calibration Section:

The Switch Activates/Deactivates the headphone correction filter.

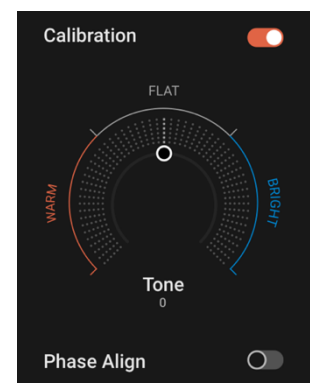
The correction filter is a high-resolution FIR filter that accurately corrects the selected headphone's frequency response to match IK's proprietary target curve.

Phase Align

When enabled, the calibration filter also aligns the headphone phase with the target curve's phase. An additional latency, which varies depending on the selected headphone model, is added to allow for adjustments to the headphone's phase response. Phase Align has no effect when CALIBRATION is turned off.

Tone

This control adjusts the spectrum of the correction filter to sound brighter or mellow, allowing the user to tailor the calibration tone to their preference. This control has no effect when CALIBRATION is turned off.

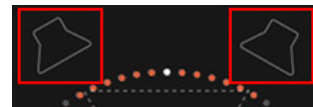


Studio Simulation Section:

The switch Activates/Deactivates the studio simulation algorithm. The studio simulation algorithm utilizes proprietary DSP and physical modeling to recreate the natural sound of ideal studio monitors in an ideal control room, with no added coloration, room resonances, or reverb artifacts.

This innovative speaker simulation technology offers a realistic stereo perspective and a natural soundstage, enabling precise mix decisions and achieving ideal tonal and spatial balance, depth, and width.

Clicking and holding one of the two speaker icons in the widget lets you solo that speaker and better judge its position in the virtual space.

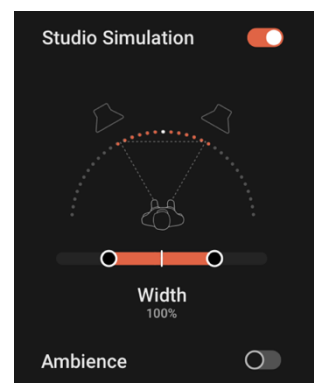


Width

Configures the stereo width of the studio simulation algorithm. Accepts values between 10% and 200%.

100% corresponds to a 60° standard stereo width.

Double clicking the bar reset Width parameter to 100%.



Ambience

Activates/Deactivates the ambience in the studio simulation algorithm.

Ambience is enabled by default, as it greatly enhances the studio simulation experience by adding depth and making the stereo field feel more natural.

Although very subtle, ambience may become distracting when working with extremely dry or percussive material, such as a click track. Use this switch to disable ambience if needed.

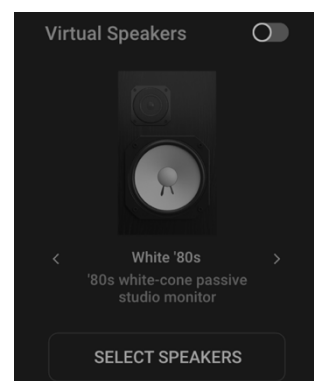
Virtual Speakers

Activates/Deactivates the virtual speakers in the studio simulation. When turned off, the studio simulation recreates the experience of virtually ideal speakers without any coloration or character added.

When enabled, the selected virtual speaker model's response is emulated in the studio simulation.

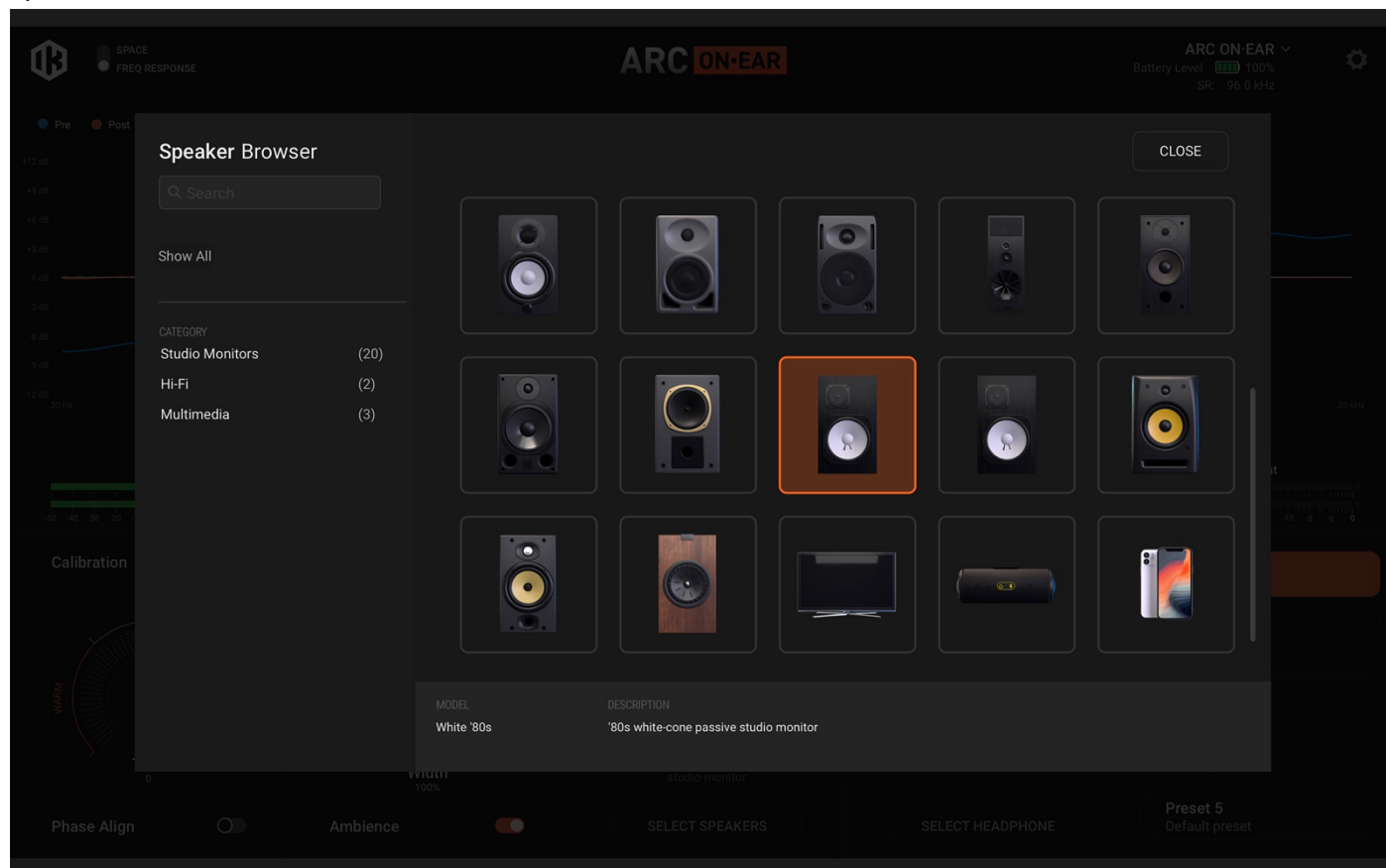
Virtual Speakers is automatically disabled when the studio simulation is OFF.

Note: Virtual Speaker is part of the Studio Simulation section. Turning Studio Simulation on or off will automatically enable or disable Virtual Speaker.



Select Speakers

Use the arrows below the speaker image or open the speaker selection browser to select the virtual speaker model to be emulated.



FN Button Assignment

Selects the desired function assigned to the FN button. Available functions are:

- **Phase Align:** Toggles the Phase Align option for the calibration filter.
- **Virtual Speakers:** Toggles the Virtual Speakers emulation.
- **Mono:** Monitor the mono sum of the stereo signal
- **Dim:** Attenuates the device output by a certain amount (configurable in the option window)
- **Mute:** Mutes the device output
- **LEDs off:** Turns off all the device LEDs except the FN one. Use this if the environment requires lights to be off.
- **Play/Pause:** Sends a play/pause command to the host (only works if a host is connected via USB).

Frequency Graph Section:



The graph displays the Post frequency response curve in orange. When calibration is off, it matches the frequency response of the selected headphone model.

When Calibration is turned on, the Post response is matched to the Virtual Speaker target curve, and the headphone model frequency response is shown in blue.

By default, the dashed Virtual Speaker line represents IK's proprietary target curve.

When Virtual Speaker is enabled, the dashed line instead represents the response of the selected virtual speaker model.

ARC ON•EAR includes a three-band User Trim EQ accessible directly from the graph.

Note that the User Trim can be set to turn on or off together with the calibration in the options screen. By default, it is disabled when calibration is turned off.

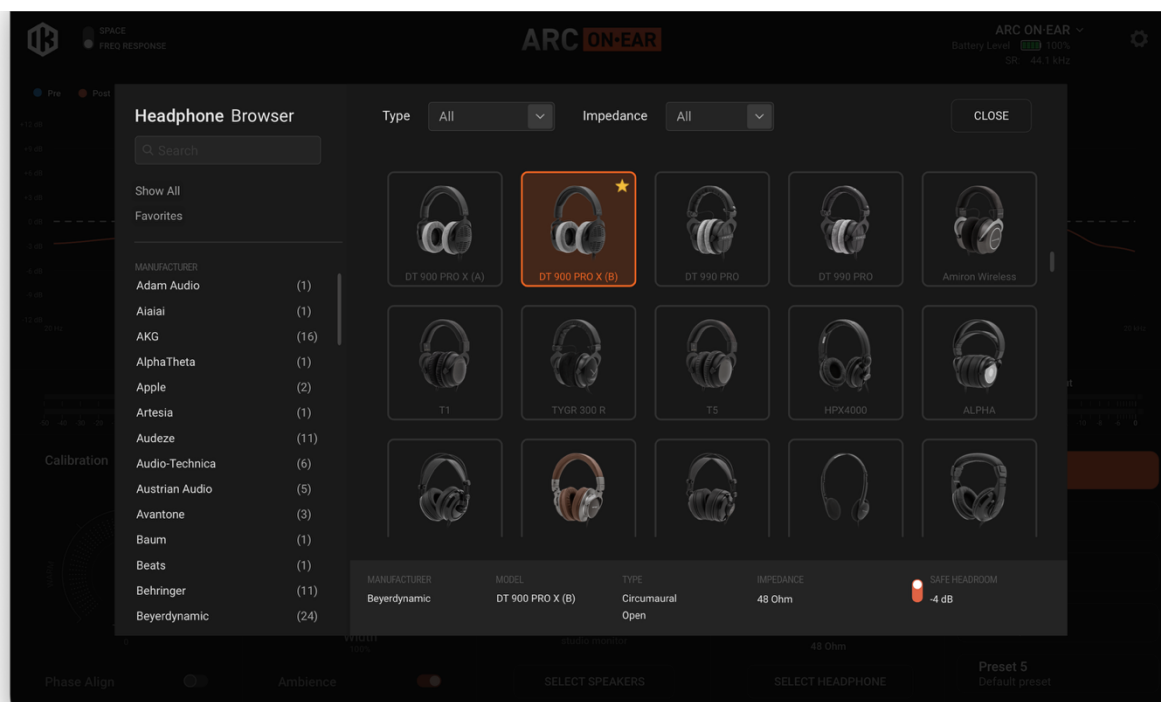
Each band is editable by clicking and dragging the displayed points. When a band point is selected, a control bar appears above the graph showing the EQ parameters, where you can view and adjust frequency, gain and Q. For bands 1 and 3, you can also choose between shelf and peaking mode.

Double-click a band point to reset that band to its default settings.

All four curves: Pre, Post, User Trim and Virtual Speaker, can be shown or hidden by clicking the corresponding legend dot.

Note: When Phase Align is activated, it is normal for frequency response not to perfectly match the target curve at lower frequencies.

2.2.2 - Headphone Browser



The headphone browser, accessible by pressing the "Select Headphone" button on the main screen, is the part of the application used to select the headphone model and configure the calibration filter's behavior.

When opened, the screen displays the entire headphone database available in the current version of the software.

In the left sidebar, you can filter models by brand, while in the top bar, you can restrict the displayed models to specific headphone types or impedance values.

Clicking on a model automatically loads the corresponding data into the current ARC ON·EAR preset, and the calibration filter is set up to optimally compensate for the frequency response of the selected model.

Double clicking on a model will automatically load the filter and close the browser.

You can add a model to the Favorites list by clicking on the star on the top right corner of the model card.

In the bottom bar, details about the selected model are displayed, including the Safe Headroom value, which represents the maximum gain required to linearize the chosen model perfectly.

Next to the Safe Headroom value, there is a switch that adjusts the level of the corrective filter.

- When Safe Headroom is enabled, the signal is reduced by the specified amount to prevent digital clipping. This mode is recommended for listening to mastered music.
- When Safe Headroom is turned off, the signal is not reduced. This lets you use the full volume on ARC ON·EAR, but if the input signal is strong enough, digital clipping might happen (indicated by all the LEDs blinking).

2.2.3 - Settings

A gear icon in the top right corner of the interface opens the system preferences window. The upper half of the settings window contains the following information and options:

The settings window is organized into three columns:

- Device:**
 - Device: ARC ON-EAR
 - Serial: 00002041000020102028
 - Firmware Version: 1.2.4
 - Hardware Version: 1.0
 - Battery Health: 100%
- Global Settings:**
 - DIM Attenuation: -20 dB
 - LED Brightness: 100%
 - Auto - Standby: 20 min
 - User Trim: Follows CAL
- Device Management:**
 - EXPORT CONFIGURATION
 - IMPORT CONFIGURATION
 - RESTORE FACTORY SETTINGS
 - FIRMWARE RECOVERY

About

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 All other product names, images, trademarks, and artist names are property of their respective owners which are in no way associated or affiliated with IK Multimedia.
 ARC ON-EAR are brought to you by IK Multimedia, the leader in software and hardware for professional recording studios.
 Check our range of products for making music here:
www.ikmultimedia.com

CLOSE

- **Device Name:** Customizable text field. Allows editing the device name.
- **Device Serial:** Displays the serial number of the connected unit.
- **Firmware Version:** Displays the firmware version of the connected unit.
- **Hardware Version:** Displays the hardware revision of the connected unit.
- **Battery Health:** Displays the battery's health status. This number becomes reliable only after several complete charge and discharge cycles; therefore, it should not be considered when connecting a brand-new unit.
- **Dim Attenuation:** Configures the attenuation amount for the dim function.
- **Led Brightness:** Configures the global brightness of the LEDs.
- **Auto-Standby:** Configures the amount of time without any input signal before the unit automatically shuts off.
- **User Trim:** Configures the behavior of the user trim EQ. If "Always On" is selected, the user trim remains active even when the headphone calibration is turned off. If "Follows CAL" is selected, the user trim will enable or disable along with the calibration filter.
- **Export Configuration:** Exports the current presets and global settings into a single .arcoe file.
- **Import Configuration:** Prompts the user to select an .arcoe file for importing a previous configuration.
- **Restore Factory Settings:** Deletes all data on the unit and restores it to factory settings.
- **Firmware Recovery:** Use this function only if the unit stops working. Ensure the unit is in DFU mode before starting the firmware recovery. Refer to chapter 2.2 of this document.

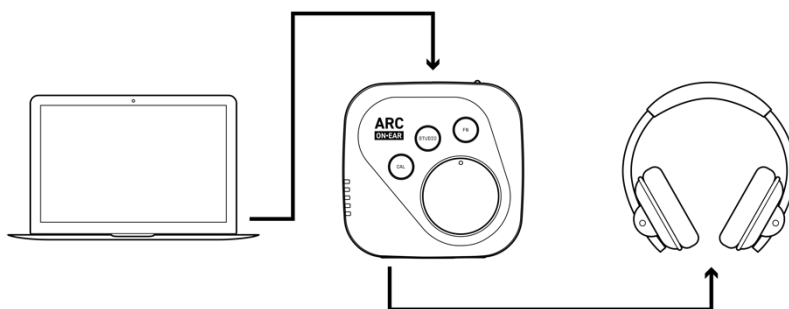
The bottom half of the interface shows the software information and legal statements.

2.3 - Connection

ARC ON·EAR features both digital audio input via USB and analog audio input through a 3.5 mm TRS jack. This allows the unit to be easily integrated into any audio setup.

The following are two examples.

2.3.1 - Connection example - Digital Audio Input

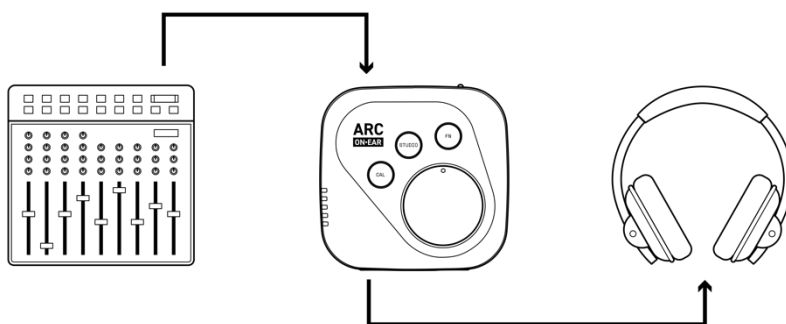


ARC ON·EAR is connected to a compatible host (PC, Mac, Smartphone) via USB cable.

The device appears as an audio interface on the host.

Supported sample rates range from 44.1 kHz to 192 kHz.

2.3.2 - Connection example - Analog Audio Input



ARC ON·EAR is connected to the headphone output of any device, typically mixing desks, audio interfaces or smartphones.

The audio cable included with ARC ON·EAR allows connection to both 6.3 mm and 3.5 mm output jacks.

A USB connection is not required in this setup as the internal battery supplies the power

3 - Features and insights

3.1 - Input/Output Meters

At the center of the interface, the left and right sides show the input and output meters, respectively.

The input meter displays the active audio input level — either digital or analog, depending on the current connection — in real-time.

The output meter displays the device's processed output level in real-time, reflecting both the applied signal processing and the position of the volume knob.

3.2 - Space/Freq Response views

In the top left corner of the software interface, there is a SPACE/FREQ RESPONSE switch.



This switch selects which view is shown in the top half of the interface:

Space

This view displays the virtual environment and the selected virtual monitors. It provides visual feedback while keeping the UI simple.

Frequency Response

This view shows a frequency response graph and the various curves.

3.3 - Preset Change

With the device turned on, press and hold the FN button, then press the CAL button to enter preset selection mode. One of the preset LEDs will begin blinking.

While still holding the FN button, press the CAL button repeatedly until the LED of the selected preset begins blinking.

Release the FN button and wait for the LED to stop blinking. This indicates that the preset has been successfully loaded.

3.4 - Battery Level Indication

When the unit is turned ON, the 5 preset LEDs display the current charge status of the battery for one second.

The battery status goes from ALL LEDs OFF (battery empty) to ALL LEDs ON (battery > 80%).

If, when powering on, the unit does not start and the lowest preset LED begins flashing, the battery is fully discharged. Recharge the device or use it while connected via USB-C.

3.5 - Firmware Recovery / DFU mode

Firmware updates for your ARC ON•EAR are managed through the ARC ON•EAR application. In the unlikely event of an unsuccessful update — for example, due to a power loss — the unit may fail to start correctly.

Starting ARC ON•EAR in DFU mode allows the software to perform a firmware recovery and restore proper operation.

To start ARC ON•EAR in DFU mode:

1. Hold the FN button and power on the unit.
2. Keep the FN button pressed for at least 2 seconds, then release it.
3. The FN LED will turn on, indicating that DFU mode is active.

Once in DFU mode, launch the firmware recovery procedure from the Settings menu in the ARC ON•EAR application. The app will guide you step-by-step through the recovery process.

After the procedure is complete, turn the unit off and wait until the FN LED turns off.

Power the unit back on, it should now start normally.

3.6 - Clipping Indication

The unit automatically detects digital clipping on both the analog input and the digital-to-analog conversion output. If clipping is detected, all LEDs blink rapidly. Lower the output volume or the analog input level, depending on your scenario.

4 - Technical Specifications

Audio

- Supported sample rates: 44.1, 48, 88.2, 96, 176.4, 192kHz
- Frequency Response: 10Hz - 80kHz (-1dB)
- Maximum output level +19dBu
- Maximum input level (analog): +10dBu
- High damping factor output stage design
- Dynamic Range (32Ω, 1kHz): 107.9dB
- Dynamic Range (150Ω, 1kHz): 112.7dB
- Dynamic Range (300Ω, 1kHz): 116.9dB

Latency

- Latency (Phase Align OFF): 1.35ms
- Latency (Phase Align ON): ~ 21.0ms (depends on the selected headphone model)

Power

- Integrated lithium rechargeable battery (up to 4 hours of use) / USB

Connections

- Analog input on 3.5 mm jack
- Headphone out on 6.3 mm jack
- Digital audio input on USB-C

Power

- Size: 7.9 cm / 3.11" x 7.7 cm / 3.03" x 3.5 cm / 1.38"
- Weight: 170 g / 5.99 oz

System requirements

System requirements

To review system requirements, refer to our website.

ARC ON-EAR for Mac/PC:

<https://www.ikmultimedia.com/products/arconear/>

Support

For any questions you may have, refer to the FAQ webpage at [ikmultimedia.com/faq](https://www.ikmultimedia.com/faq)

Here, you will find answers to the most asked questions.

To submit a Technical Support Form, go to: [ikmultimedia.com/support](https://www.ikmultimedia.com/support)

For other requests, such as Product, Sales, or Web info, go to: [ikmultimedia.com/contact-us](https://www.ikmultimedia.com/contact-us)

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- Register hardware and software in one location.
- Download, install, and authorize software.
- Simplified sounds download with pause/resume.
- Authorize and de-authorize computers.
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License Agreement

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USE OF THE SOFTWARE, IS CONDITIONED ON THE USER'S ACCEPTANCE OF THE TERMS AND CONDITIONS, WITHOUT EXCEPTION, OF THIS EULA.

THE SOFTWARE INSTALLATION PROGRAM REQUIRES IN ADVANCE THE USER'S ACCEPTANCE OF THE TERMS AND CONDITIONS OF THIS EULA BY SELECTING THE "I ACCEPT THE AGREEMENT" OPTION.

BY INSTALLING AND OTHERWISE USING THE SOFTWARE, YOU ACCEPT THESE LICENCE TERMS AND CONDITIONS AND HEREBY DECLARE THAT YOU WILL ABIDE BY THE CONDITIONS, OBLIGATIONS, LIMITATIONS, ALSO RELATING TO THIRD PARTIES, NONE EXCLUDED, CONTAINED IN THIS EULA.

IF YOU DO NOT ACCEPT THE TERMS AND CONDITIONS OF THIS EULA BY SELECTING THE "I DO NOT ACCEPT THE AGREEMENT" OPTION, YOU MAY NOT USE THE SOFTWARE.

NON-ACCEPTANCE IS EQUIVALENT TO EXERCISING THE RIGHT OF WITHDRAWAL UNDER THE TERMS OF THIS CONTRACT.

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- Non-transferable (even in part or by sublicensing it free of charge, subject to the provisions of Article 9 below);
- Non-marketable (does not grant the user rights of economic exploitation);
- Without Territorial Restriction (Worldwide)

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2. The User is informed and agrees that some content included in the Product may belong to third parties and may be protected by copyright or other intellectual property rights of third parties.

Art. 2 - How to acquire the installation program

1. In order to be able to use the Product, the User must run an installation program on his or her Devices that copies the application and, in general, the audio content.

2. The User may acquire the installer using one of the following methods, as example but not limited to:

- a) by purchasing the Product online on the IK Multimedia website (<https://www.ikmultimedia.com/products>) or from third-party as resellers authorized by the Licensor;
- b) by purchasing a physical medium from an authorized retailer in the shop (by delivery of universal serial bus support in the form of USB);
- c) as part of a third-party Software that also includes the Product by virtue of a commercial agreement between Licensor and the company holding the copyright;
- d) downloading it free of charge from the Licensor's user area (<https://www.ikmultimedia.com/userarea>), either because it is included as a free gift with the purchase of an IK Multimedia hardware product, or because it is made available free of charge by the Licensor to partners or artists: in this case, these are NFR (Not for resale) licenses that, although they have all the features of ordinary user licenses, do not allow the accumulation of loyalty points and do not give the User discounts for the purchase of new versions (upgrades or crossgrades);
- e) made available by the Licensor (or authorized third parties) for promotional or demonstration purposes, aimed at enabling the potential purchaser/User to try out the Product: these are in this case licenses not intended for sale and not transferable DEMO (demonstration use license) for a limited period (see Art. 3 Duration).

3. Irrespective of the manner of acquisition of the installation program and type of license for use, the User accepts these EULA as a binding agreement between the parties.

4. The Licensor, for the entire duration of the license grant, reserves the right to modify, update, replace this EULA or any part thereof, without exception.

5. The User shall be obliged to verify and accept (or not accept) the new terms and conditions, considering that only the acceptance of this EULA permits the use of the Product.

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Any further temporal extension of the utilization license shall in any case be expressly agreed upon with the licensor.

b) Periodic Subscription License: through the purchase of the periodic subscription license the User, with deferred or lump sum payment, is entitled to use the Product pursuant to Article 1, as written above, for the limited period of time as specifically selected in the subscription profile purchased by the User, which, depending on the case, may be of monthly or annual duration (or in any case referring to the different period specifically provided for in the periodic subscription plans that will be eventually updated by the Licensor).

Use of the Product with a periodic subscription license requires the computer on which it is authorized to be connected to the Internet and able to communicate with the IK Multimedia servers, in order to perform an authorization check to confirm that the subscription is still active. User may use the Product offline for up to 3 days before another authorization check is required. If the Product is unable to communicate with IK Multimedia servers for a period of more than 3 days, the functionality of the Product will be revoked or limited until communication with the server is re-established.

c) Demo License: granted free of charge for a limited trial period of ten (10) days for demonstration and promotional purposes only. After this period, the Licensor reserves the right to limit and/or revoke all or part of the use and functionality of the Product.

2. The rights of use of the license shall start on the day following the day on which the purchase is completed or the Product is made available to the User, this being understood it means the day on which Licensor or its authorized distributors have made the installation program available to the User in the manner and on the terms set out in Art. 2, regardless of the actual installation of the Software by the User (hereinafter the Effective Date).

Art. 4 - User profile registration and authorization

1. Regardless of the type of license purchased or granted, with the exception of the "DEMO License", the User is informed and accepts that the operation of the Product is conditional on the completion of the registration and authorization procedure by the Licensor (or its authorized distributors and vendors).

2. The registration and authorization procedure must be carried out by the User by accessing the Licensor's website (<https://www.ikmultimedia.com/userarea/>) and is described in the Software within the documentation under User Manual.

3. The User, under his or her own civil and criminal legal responsibility, certifies that the data entered when registering the user profile (digital identity) are consistent with the User's data (real identity).

4. The User's identification data collected by the Licensor shall be used for the purpose of executing the agreement and shall be processed for the purposes and in the manner described in detail in the section "Information on the processing of personal data" available on the Licensor's website (<https://www.ikmultimedia.com/legal/index.php?R=privacy&PSEL=privacy>).

5. IK Multimedia Production S.r.l. reserves the right, at its sole discretion, to deny the activation of the user profile in the following non-exhaustive cases:

- incomplete or conflicting personal information;
- insertion of manifestly inconsistent data;
- suspicion concerning the minor age of the User;
- violations by the User, including past violations, of the Licensor's EULA.

Art. 5 - Installation limits

1. The granting of a license for use of the Product confers an individual right of use associated with the registered user profile, for the general rule can be summarized as follows: "Each User corresponds to one license for use", which corresponds to a personal serial number of the User.

2. The Product, as well as its previous versions for the same operating system, may be installed on a maximum number of three (3) Devices provided that

- the Devices are owned by or otherwise in the material and legal possession of the Licensee;
- the Product is not used simultaneously on more than one Device by different end users;
- the User, before assigning or otherwise transferring to third parties rights, for any reason whatsoever, to the Devices in which the Product is installed, must ensure that he/she has uninstalled each of its components, in order not to unlawfully assign to third parties the resulting rights of use.

3. The User is entitled to store or install a copy of the Product in a storage device such as a network server, which is only used to install and/or to activate the Product in further Devices on an internal network, however, in such cases, the User is obliged to purchase a multiple license for each end user of the Product by the shared storage device.

4. Violation of the aforementioned limitations implemented in any manner entitles the Licensor to terminate the user license agreement and, in any case, to demand payment of the amount corresponding to the effective number of end-user according to the "one User one license" rule.

Art. 6 - Special conditions of the periodical subscription

1. If the User has opted for the purchase of the license through a periodic subscription, for a limited period, the duration of which depends on the choice made by the User at the time of purchase, the User's rights to the license for use of the Product shall cease immediately and without deferment on the expiry date of the subscription period.

2. The User is specifically informed that upon expiration of the subscription period, the User does not retain any right to use the Software, including the latest version released prior to expiration and that the Licensor does not make any archiving of the content developed by the User through its use, so the User is solely responsible for saving and archiving the content on its Devices prior to the date of termination of the subscription period.

3. The periodic subscription shall be for the duration specified in the subscription profile and shall be automatically renewed on expiry of the subscription for an equal period.

4. The periodic subscription renews on the same day as the calendar date of the original purchase. If the subscription begins on a date that is not within the renewal month, the period ends on the last day of the following month, and restores the original date the next time that date occurs. For example, if a monthly subscription starts on January 30, the next renewal date will be February 28 (or February 29 on a leap year), then March 30.

5. If the User does not wish to renew the subscription, the User shall have the burden of giving express notice of termination to the Licensor through an ad hoc procedure entirely online available at the following address: <https://www.ikmultimedia.com/userarea>, respecting the notice period of 24 hours prior to the periodic renewal, depending on the duration of the subscription.

6. The User, when purchasing the periodical subscription, may choose between several secure payment methods: e.g. bank account (direct debit); credit/debit card or through dedicated third-party services.

7. Where the payment method chosen by the User provides for service and/or management and/or intermediation by third parties, the User shall abide by the terms and conditions set forth therein, excluding any liability on the part of the Licensor in concluding and managing the contractual relationship with the third parties.

8. Payment of the periodic fee will be charged to the User by the due date of the invoice issued, in the manner chosen by the User at the time of purchasing the subscription license.

9. The User undertakes, without delay, to amend and update in his User area on the Licensor's website any changes made, without exception, that alter the data and payment method declared at the time of purchase.

10. Should the User fail to pay the periodical fees on time, the Licensor shall be entitled to suspend the User's profile as a precautionary measure.

11. After three (3) days have elapsed without the User having regularized his debt position, the Licensor shall be unilaterally entitled to terminate the license agreement without further notice, without prejudice to the compulsory recovery of the debt.

Art. 7 - Music Content Library (Sound Library) Special License Conditions

1. The Product may contain a 'library of musical content', sounds or audio samples (sounds and samples) that are created by musicians and experts, or sound professionals.
2. Licensor makes the "music content library" available to the User for commercial and non-commercial purposes for music audio production, public performances, broadcasting and similar uses, as a component of the Product, by virtue of a lawful and binding agreement with the copyright holders.
3. The User is hereby informed and agrees that the redistribution of the Product and, in particular, the "music content library" and its derivatives, is strictly prohibited in any form whatsoever, including but not limited to: resampling, mixing, filtering, processing, isolating or incorporating it into any software or hardware.
4. The sounds/audio samples contained in the Product, may not be modified and resold as new audio samples within new sound libraries or "on a standalone basis" meaning "single sample not included in a library" of any kind or nature.
5. The User is informed and accepts, that the particular license conditions of the "music content library" expressed herein constitute an integral and substantial part of this EULA.

Art. 8 - Express prohibitions of use addressed to the User

1. The User is not authorized, directly or indirectly, to:
 - a) sell, rent, lease, license or sublicense, distribute, market, otherwise exploit the Product or any of its components, for commercial purposes or free of charge;
 - b) redesign, decompile, disassemble, adapt, reproduce the Product, in whole or in part;
 - c) create, use, and/or distribute computer programs such as "crack," "keygen," or other "cheat" or "hack" programs or Software applications for this Product;
 - d) remove, alter, disable or circumvent any copyright or trademark indications or other commercial information about the origin of the Product;
 - e) transfer to third parties and/or export the license for any reason whatsoever (without prejudice to Section 9 below);
 - f) use the program in violation of copyrights and/or intellectual property rights reserved by national and international laws and regulations for third parties;
 - g) use the Program in violation of civil, criminal and administrative rules and regulations, including those of the User's place of business or residence;
 - h) use the Program causing contractual or non-contractual damage to third parties;
 - i) violate the license conditions of the "music content library" referred to in Article 7 above.
2. Any breach of the aforementioned prohibitions committed by the User shall entitle the Licensor to terminate the user license agreement immediately and without delay for breach, without any obligation to refund the consideration.
3. In any case the User shall be held liable and shall indemnify the Licensor against all claims, proceedings and disputes for which the Licensor is held liable as a result of negligence, omissions, violations, offences howsoever committed, which are caused by the User's willful and/or culpable act in using the Product.

Art. 9 - License of use allowing transfer to third parties

1. Given the general prohibition against transferring the license of use to third parties either for consideration or free of charge, Licensor by virtue of an express purchase option may grant Licensee the purchase of a "transferable license of use" by accessing Licensor's website directly:
<https://www.ikmultimedia.com/products/index.php?R=SHOPSEARCH&Q=Credit>.
2. Each "transferable use license" purchased can be used to transfer the license of only one Product and only once.
3. In such a case, the User shall only transfer and/or make the Product available to third parties under the following conditions:
 - a) the Product shall be transferred as original with all media and licenses and everything thereon;
 - b) the User who transfers the license of use to another User shall not retain any copy of the Product;
 - c) if the Product is part of a software set (bundle), it may not be transferred separately and/or altered in any way;
 - d) if the Product is part of an IK Multimedia software and hardware package, only the hardware may be transferred and the license to use it may be termed NFR under the agreement.
4. The Licensor reserves the right, at its sole discretion, to:
 - a) delete or erase the user serial number required for registration if the same has been fraudulently or illegally acquired;
 - b) prohibit the transfer of the serial number required for registration before the expiry of ninety (90) days from the purchase order for the serial number referring to the "transferable user license".

Art. 10 - User devices and generated content

1. The Product is installed on Devices owned or otherwise in the availability of the User, who is the solely responsible for the functionality, update, security protection and functionality of the Devices.
2. The Product may only be installed on the operating systems for which it was designed and described in the Software within the documentation under the heading User Manual.
3. The User is solely responsible for the use, storage, preservation of content generated by him/her, particularly where the generation of content causes harm or infringes on the rights of third parties.
4. In any case, the User shall be held liable and shall hold Licensor harmless from any claim, petition, litigation for which Licensor is held liable as a result of negligence, omissions, violations, offenses however configured that are determined by the willful and/or negligent act of the User in the generation of content.

Art. 11 - Warranties and limitation of the Licensor's liability

1. Licensor warrants to the User that the digital or physical media on which the Product is recorded contain the copy of the Software purchased or made available to the User with all its components, accessories and documentation as described in the user manual as well as being free of defects and, in any case, suitable for the intended use.
2. The Licensor shall, within a period of ninety (90) days from the Effective Date as defined in Article 3.2 above, warrant the conformity of the Product with the following exclusions in the words "does not warrant":
 - a) that the operations of the Program can be carried out without interruption or that any defects can be corrected;
 - b) that the Product is considered by the User to be unsuitable for the User's personal needs in view of the fact that the Software is not developed "tailor-made" but is intended for mass use;
 - c) any defects and faults resulting from improper or deviating from normal use attributable to the User or the User's Device;
 - d) any damages resulting from the loss of content developed by the User, the storage of which the Product does not guarantee in any way;
 - e) that the Product functions on the User's Device(s) or that the functionality of the Product remains unaffected by updates made by the User to its hardware, operating system or third-party software in use by the User.

In any case, the user manual is the only legally binding document for the Licensor and, consequently, any verbal agreements, presentations, advertising material, e-mail exchanges, etc. between the User and distributors, salesmen, agents, and any other personnel who have intermediated the purchase of the Product shall be irrelevant.

3. Any verification of the efficiency of the Product shall be carried out using exclusively the control procedures prepared by the Licensor.
4. In order to make a warranty claim under the terms described above, the User is responsible for contacting IK Multimedia via the appropriate section of the website "contact us" <https://www.ikmultimedia.com/contact-us/>.
5. The Licensor and its distributors and partners within a reasonable period of time, in any case not exceeding fifteen (15) days, shall follow up the warranty claim by repairing or replacing the Product or refunding the purchase price, if incurred by the User, within a reasonable period of time based on the complexity and/or onerousness of the warranty claim.
6. With the exception of the above clauses, the Licensor assumes no other obligation and makes no other warranties beyond those set forth herein and shall in no event be liable for any damages whatsoever related to or resulting from any defects in quality, suitability, use, failure to use or usability of the Product.
7. The User shall forfeit any and all warranties if the User modifies, integrates or otherwise intervenes in the Software, or uses the Product in a manner not in accordance with the instructions or on processors other than those permitted or otherwise violates the User's obligations under this EULA.
8. The Licensor shall not be liable for any damages, direct and/or indirect, contractual or non-contractual, which may occur as a result of the use of the Product or which may be connected to it, such as, but not limited to, any loss of profit, loss, interruption of business, loss of information and/or data, any defects and/or damages in the processor and/or the Devices on which the Product is installed and/or in the contents processed by the User, and/or defects and/or damages resulting from the use of such Devices which remain at the exclusive risk of the User.
9. In any case, any claims for damages by the User shall in no event exceed the amount of the purchase price of the license fee, insofar as incurred by the User.

Art. 12 - User Support Service updates and new versions

1. For the entire duration as defined in Article 3 above, the User may obtain technical assistance from Licensor by accessing the section of the website <https://www.ikmultimedia.com/contact-us/>.

2. The Product is provided “as it is” and “as available” on the Effective Date, without Licensor being obliged to provide “updates” and/or “new versions of the Software”.
3. The User agrees to independently download such “updates” from his/her user area - if available - always using the latest version of the IK Multimedia Product.
4. The Licensor may modify the Product at its sole discretion for any reason and at any time, in particular it may add, subtract, replace functionalities, update, correct the Product either for technical reasons or to perform maintenance and/or configuration operations in order to improve and/or optimize the Product.
5. The Licensor may at its discretion release a new version of the Program “upgrade” or “crossgrade”, so marked or otherwise identified by IK Multimedia (new version of the Product made available to the User at a discounted price). Such version can be used by the User only and exclusively if the User is a legitimate licensee of a previous version of the Product, except for NFR versions as indicated in the article. 2.2.
6. The Product marked or otherwise identified by Licensor as an “upgrade” or “crossgrade” replaces, swaps, increases the Product purchased or made available on the Effective Date.
7. The User may only use the Product resulting from the update and/or new versions (upgrade or crossgrade) in accordance with the terms of this EULA.
8. If the Product is an upgrade or crossgrade of a component of a software program package (bundle), it may only be used and transferred as part of the package and may not be separated by use on more than one device.

Art. 13 - Unilateral withdrawal by the User

1. Non-acceptance of this EULA shall be tantamount to exercising the User’s unilateral right of withdrawal from the license agreement.
2. The User is also entitled to unilaterally terminate the license agreement if for technical reasons there are incompatibility problems with the Product, which do not permit its installation provided they
 - a) are not attributable to the User;
 - b) exist on the Effective Date;
 - c) cannot be resolved by the Licensor’s technical support.
3. The User undertakes without delay and in any event within a period of three (3) days from the Effective Date to return to the Licensor (or its distributors or otherwise authorized sellers from whom it purchased or otherwise obtained the license to use the Product) all physical media in its possession.
4. The Licensor or other authorized parties, having verified the integrity of the medium, shall cancel the user’s serial number and refund the full amount paid for the purchase directly to the user within a period of 30 days from the date of return.

Art. 14 - Intellectual Property of Software

1. The Software and all consequent rights are reserved by IK Multimedia Production S.r.l.
2. The Software and its use is subject to national and international laws protecting copyright and intellectual property.
3. The User does not acquire any ownership rights to the Software except for the limited rights of use as set out in this EULA.
4. IK Multimedia Production S.r.l. reserves all actions and claims for damages against the User or third parties who infringe the Licensor’s rights.

Art. 15 - Validity of the EULA - Severance

1. If a court of competent jurisdiction or a competent authority determines that any provision of this EULA is invalid, illegal, or unenforceable, such provision or part thereof shall be deemed unenforceable.
2. In such cases, all other provisions of this EULA or parts thereof not affected by invalidity shall nevertheless remain valid and enforceable between the Parties.

Art. 16 - Applicable law

1. Should the Product have been purchased in Italy, the interpretation, execution and settlement of disputes shall be governed by Italian law and jurisdiction shall be attributed exclusively to the Court of Modena, without prejudice to the jurisdiction of the Court of the Consumer, where the User is a natural person acting for purposes that are unrelated to the entrepreneurial, commercial, handicraft or professional activity carried out.
 2. If the Software was purchased in any other country, this agreement shall be governed by the laws in force in that country.
- Last updated on September 20, 2023.

Safety Instructions

Please read the following safety instructions before setting up your system. Keep the instructions for subsequent reference. Please heed the warnings and follow the instructions.



The lightning 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 to persons.



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.



Amplifiers and loudspeaker systems, and ear/headphones (if equipped) are capable of producing very high sound pressure levels which may cause temporary or permanent hearing damage. Use care when setting and adjusting volume levels during use.



This device is intended exclusively for professional use.



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 clothes



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. 
Only use attachments / accessories specified by the manufacturer.
10. 
Unplug this apparatus during lightning storms or when unused for long periods of time.
11. 
Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in anyway, 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.
12. 
WARNING - To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
13. 
WARNING — To maintain product safety, products with internal or external (battery pack) batteries: • Batteries and/or the product in which they are installed, shall not be subject to replacement of a battery with an incorrect type that can defeat a safeguard (for example, in the case of some lithium battery types).
14. 
WARNING — To maintain product safety, products with internal or external (battery pack) batteries: • Batteries and/or the product in which they are installed, shall not be subjected to disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.
15. 
WARNING — To maintain product safety, products with internal or external (battery pack) batteries: • Batteries and/or the product in which they are installed, shall not be subjected to leaving a battery in an extremely high-temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas.
16. 
WARNING — To maintain product safety, products with internal or external (battery pack) batteries: • Batteries and/or the product in which they are installed, shall not be subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.
17. 
Rated operating temperature: 0°C—45°C.

Regulatory

Model: ARC ON·EAR

Model Number: IK204



FCC Statement

This device complies with Part 15.107 and 15.109 Class B of the FCC Rules CFR47: October 2010.

Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference 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.



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