



UFO ***TUBE PREAMP***

Class A Discrete Mic preamp

Harness the distinct tonal character of 'old school' tube technology with all the advantages of modern design with the **UFO Class A Discrete Mic preamp** - with a choice of 4 tonally distinct tubes.

Vocalists, instrumentalists, engineers and producers will greatly appreciate its clarity and harmonic richness. With its easily replaceable tube, vintage-style VU meter, impressive dynamic range (131dB) and 68dB maximum gain there's a lot to love with the UFO!



Safety Precautions

Carefully read these Usage and Safety Precautions before use to ensure proper handling of the product. This document uses symbols to highlight important precautions aimed at preventing harm or damage to users or others due to improper use. Below are the symbols and their meanings:

WARNING

Indicates actions that may result in severe injury or death.

CAUTION


Indicates actions that may lead to injury or equipment damage.

Other symbols used


 Indicates a prohibited action.


 Indicates an action that is mandatory.


WARNING:




 **Power** (Refer to the manual for detailed information on applicable power sources).

 Always use the UFO power supply as detailed in the 'Power' section of this manual.

 Never exceed the ratings of outlets and other electrical wiring equipment. **Ensure the CORRECT VOLTAGE IS SELECTED as detailed in the 'Power' section of this manual**

 Prior to using equipment in a foreign country or region with a different electrical voltage, always consult with your local iCON distributor/retailer that carries iCON Pro Audio products or iCON Pro Audio support. Always use the approved, appropriate adapter as specified by iCON Pro Audio.

 Carefully study the warning indications regarding the power supply before use, as detailed in this manual, in and on the packaging.

 CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN RISQUE DE CHOC ELECTRIQUE NE PAS OUVRIR CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK) NO USER-SERVICEABLE PARTS INSIDE REFER SERVICING TO QUALIFIED PERSONNEL ATTENTION: POUR EVITER LES RISQUES DE CHOC ELECTRIQUE: NE PAS ENLEVER LE COUVERCLE. AUCUN ENTRETIEN DE PIECES INTERIEURES PAR L'USAGER. CONFIER L'ENTRETIEN AU PERSONNEL QUALIFIE. AVIS: POUR EVITER LES RISQUES D'INCENDIE OU D'ELECTROCUTION, N'EXPOSEZ PAS CET ARTICLE A LA PLUIE OU A L'HUMIDITE	  <p>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 electric shock to persons. Le symbole clair avec point de foudre à l'intérieur d'un triangle équilatéral est utilisé pour alerter l'utilisateur de la présence à l'intérieur du coffret de voltage dangereux non isolé d'ampleur suffisante.</p> <p>exclamation point within an equilateral triangle is intended to alert the user of the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance. Le point d'exclamation à l'intérieur d'un triangle équilatéral est employé pour alerter les utilisateurs de la présence d'instructions importantes pour le fonctionnement et l'entretien (service) dans le livre d'instruction accompagnant l'appareil.</p>
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WARNING: To reduce the risk of fire or electric shock, do not expose this unit to rain or moisture

■ Repairs and Alterations

- ❗ Do **not** open the case or make a repair to the device yourself. **Always** refer repairs or required alteration to iCON Pro Audio tech support and an authorized iCON Pro Audio service center.

⚠ CAUTION:

■ How to Handle the Product

- ❗ Handle the product carefully to prevent drops, bumps, or applying excessive force to the unit.
- ❗ Avoid allowing liquids or foreign objects to enter the unit.

■ Operational environment

- ⊘ Do not use in extremely high or low temperatures.
- ⊘ Do not use near heaters, stoves and other heat sources.
- ⊘ Avoid high humidity or areas prone to water splashes.
- ⊘ Avoid areas with excessive vibration, dust, or sand.

■ Connecting cables and devices

- ❗ Ensure all equipment is **powered off** before connecting any cables or external devices.
- ❗ Disconnect all cables and accessories before moving the device to avoid damage.

■ Microphones

- ❗ Turn off the power before connecting any microphones.
- ❗ Handle microphone plugs gently to prevent damage.

■ Volume

- ❗ Avoid prolonged use at high volume levels to protect your hearing.

■ Replacing the tubes

Ensure instructions are followed in the 'Replacing the Tubes' section. Ensure that the tube is firmly gripped, but not too much pressure is exerted. The user **MUST** ensure at least 10-15 minutes have elapsed before last use, the device is completely disconnected from the power source and that the connected tube is cool before attempting to replace it. Users are advised, that after disconnecting from the power source, the device (whilst disconnected) is turned on at the rear to discharge any residual energy and then turned off again before attempting to replace the tube. A gentle twisting motion is required to disengage the plastic casing and a gentle, but firm motion is required to dislodge the tube. Do NOT grip the glass portion of the tube.

Precautions for Operational Use

■ Interference

This product is designed to limit electromagnetic emissions and resist external interference. However, placing it near devices that are highly sensitive to interference or emit strong electromagnetic waves may cause disruptions. If interference occurs, increase the distance between this product and the other equipment. Try reorienting the devices, changing frequency/channel (if appropriate).

Electromagnetic interference can affect any electronic device, potentially causing malfunctions, data corruption, or other issues. Exercise caution when using this product in proximity to other electronic devices.

■ Cleaning

To clean the exterior, use a soft, dry cloth. If required, very slightly dampen a suitable cloth. For rubber or silicone components, gently clean with a damp, lint-free cloth. Avoid abrasive cleaners, waxes, or solvents such as alcohol, benzene, or paint thinners.

■ Malfunction

In the event that the device malfunctions or is damaged, immediately turn it off, disconnect the power source, remove batteries, and unplug all cables and connected devices. Contact iCON Pro Audio technical support.

In addition, please....

1. Do not block any ventilation openings or interfere with the proper ventilation of this unit. Install in accordance with the manufacturer's instructions.
2. Do not interfere with the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. These are designated for your safety. If the provided plug does not fit into your outlet, consult an electrician.
3. Protect the power cord from being walked on or otherwise damaged by items placed on or against them. Particular attention should be given to the plugs, receptacles, and the point where the cord exits the appliance.
4. To avoid the risk of electrical shock, do not touch any exposed wiring while the unit is in operation.
5. Only use attachments/accessories specified by iCON.

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Introduction

Firstly, congratulations on your purchase of the ICON Pro Audio UFO Class A Discrete Mic preamp. In these pages, you'll find a detailed description of the features of the UFO Class A Discrete Mic preamp and a full list of specifications.

Please register the product on our website at the link below

www.iconproaudio.com/registration

As with most electronic devices, we strongly recommend you retain the original packaging. In the unlikely event that the product is returned for servicing, the original packaging (or reasonable equivalent) is required. With proper care and adequate air circulation, your UFO Class A Discrete Mic preamp will operate flawlessly for many years to come.

We trust that this product will provide years of excellent service and in the unlikely event that your product does not perform to the highest standard, every effort will be made to address the issue.



Caution!

It is always tempting to switch on your new equipment before fully reading the manual.

*However, **PLEASE ENSURE YOU READ THE MANUAL BEFORE SWITCHING YOUR DEVICE ON!***

*Specifically - please read the **POWER** section on page 13 in order to fully understand the implications of selecting the correct voltage on the power pack.*



What's in the package?

- UFO Class A Discrete Mic preamp with Electro-Harmonix 6922EH electronic tube (pre-installed)
- Power supply unit
- Power lead (for the power supply unit)
- Cable with 5 pin mini-XLR connector (attached to power supply unit)
- Tube Pack featuring
 - 1x Electro-Harmonix 12AT7EH electron tube
 - 1x Sovtek 12AX7LPS electron tube
 - 1x Sovtek 12AX7WA electron tube



Register your ICON Pro Audio product to your User Center

1. Check the serial number of your device

Please go to [http:// iconproaudio.com/registration](http://iconproaudio.com/registration) or scan the QR code below.



Input your device's serial number and the other information on the screen. Click "Submit".

A message will pop up showing your device information such as model name and its serial number. Click "Register this device to my account". If you see any other message, please contact our after-sales service team

2. Log in to your personal User Center for existing users or sign up as a new user

Existing user:
inputting

Please log into your personal User Center by
your user name and password.

New user:

Please click "Sign Up" and fill in all the information.

3. Download all useful materials

All your registered devices under your account will show on the page. Each product will be listed along with all its available files such as drivers, firmware, user manuals in different languages and bundled software etc. for download.

Features - Pt.1

The first thing that strikes you about the UFO Class A Discrete Mic preamp is how retro design can seamlessly co-exist with a futuristic aesthetic. The warm glow of its analog vintage-style VU meter with its illuminated, high quality Electro-Harmonix 6922EH tube (protected by its casing), stand out as distinct features on an otherwise intergalactic inspired, minimalist unit.

The UFO offers a pleasing warmth and smoothness for any signal that is passed through it. By pushing the gain, the Electro-Harmonix 6922EH tube creates subtle harmonic distortion, adding character to the sound, imparting color and richness.

With a smooth, enhanced top end and thickened bass response, the UFO offers an appealing sonic signature - perfect for vocals. The 6922EH tube's dual-triode design ensures low noise, balanced performance, and a touch of vintage allure - a definite plus for vocalists.

Recorded instruments such as guitar require less corrective EQ and processing at the mixing stage than might ordinarily be the case, due to the UFO's warm and full tonal palette, clarity and signal integrity.

High quality separated internal electronic components with corresponding fast speeds are used from input stage to output stage. In addition, the UFO's balanced transistor step amplification output, (where amplification is achieved in discrete steps using complimentary transistors) is without crosstalk noise, (i.e. unwanted signal interference).

The transparent outer cover supported by metal springs is detachable, and electronic tubes can be replaced without the need to disassemble the machine.

The UFO boasts maximum gain of 68dB, an impressive dynamic range (131dB) and a frequency response range of 10Hz to a remarkable 100KHz. It is capable of adapting to almost any microphone in the recording studio in terms of performance and, as one could only conclude from the above specifications, hugely adaptable.

The UFO comes packaged with a Tube Pack featuring the Electro-Harmonix 12AT7EH, Sovtek 12AX7LPS and Sovtek 12AX7WA electron tubes to provide you with an expanded tonal palette.

And that's the UFO; a perfect marriage of classic tube elegance with all the convenience of advanced, contemporary engineering.

Features - Pt. 2



The main features include;

- Classic tube warmth
- Vintage-style VU meter & illuminated tube
- Striking blend of vintage + contemporary design
- Low noise
- High specification internal components & design
- Easily replaceable tube
- Separate power supply unit with switchable voltages 115V/230V
- Balanced XLR input
- Balanced XLR output
- Unbalanced 1/4" jack instrument input
- Unbalanced 1/4" jack output
- +48V phantom power
- Polarity reverse switch
- -20 dB pad switch
- Mic/Instr. switch
- Adaptable to most microphones
- Less need for corrective EQ/processing
- High quality Electro-Harmonix 6922EH electronic tube (pre-installed)
- Tube Pack featuring;
 - One (1) Electro-Harmonix 12AT7EH electron tube
 - One (1) Sovtek 12AX7LPS electron tube
 - One (1) Sovtek 12AX7WA electron tube
- External transformers reduce potential interference
- Impressive 68 dB maximum gain output
- Superb dynamic range (131 dB)
- Frequency response range of 10Hz to 100KHz

Front Panel



1. Mic inputs

Balanced XLR mic level input

The XLR input can receive condenser or dynamic mics via its XLR connection (make sure the '+48V' switch is turned **OFF** when connecting a dynamic mic via XLR).

+48V power should *only* be turned on for condenser mics requiring +48V power.

2. VU meter

Here, you are able to monitor your mic signal via this vintage style VU meter. In the 0-100% region of the VU meter you will get a cleaner sound. When the needle reaches the 'solid black' region of the meter, you will be able to hear smooth and pleasant harmonic distortion or 'warmth'.

3. INPUT volume knob

This knob controls the input level of the associated analog microphone or instrument.

4. Mic/Instrument input jack

This is an unbalanced, 1/4" jack instrument level input. Use this for instruments such as guitars, basses, keyboards, and other electronic instruments.

5. The tube ("valve")

The 6922EH electronic tube, ('valve' in some countries), is pre-installed and protected by a transparent cover supported by metal springs. The metal spring also serves to shield the tube from interference.

Users are able to replace the tube easily with either a replacement 6922EH tube or one of the three alternative tubes provided in the accompanying 'tube pack' without disassembly of the unit itself. Simply unscrew the protective cover, then remove the tube. **Please see 'Replacing the Tube' on page 17, before attempting to do so.**

6. LED lights

These LED lights are arranged in a circle around the tube. This is for two reasons;

1. to indicate that the unit is powered on
2. to illuminate the glass tube.

Please note that the tube itself is not illuminated when powered on.

Rear Panel



1. Power switch

Use this to turn the unit on and off.

2. Power supply 5-pin mini XLR port

Port for the power supply unit cable connector.

3. Balanced line out (XLR)

A balanced analog output on a XLR connector.

4. 48V phantom power switch

Press to supply +48V phantom power via the XLR input. The phantom power circuit is suitable for most condenser microphones. It is important that phantom power is not supplied to microphones that do not require it. Please check with the microphone manufacturer's manual for details.

5. Mic/Instr. switch

Use this button to switch between input sources. In the out position the device is in 'Mic' mode. Press the button in to switch to 'instrument' mode.

6. -20dB pad switch

This attenuates the signal by 20dB, before it reaches the mic preamp circuitry inside the UFO. Press the button to activate the pad.

7. Polarity reverse switch

Depressing the switch reverses the phase/polarity of the output signal.

Note: The supplied external power adapter must be connected for the UFO to be operational.

UFO Tube Pack

The UFO Tube Pack includes four premium electron tubes, giving you a versatile toolkit to shape your tone and match your preamp to the needs of any session. Whether you're tracking vocals, guitar, bass, or acoustic instruments, each tube gives your signal a distinct voice:

CLEAN

- Tube: Electro-Harmonix 6922EH (pre-installed)
- Character: Neutral, transparent sound with extended highs
- Ideal For: Pristine vocals and acoustic recordings

MODERN

- Tube: Electro-Harmonix 12AT7EH
- Character: Articulate highs with tight low-end
- Ideal For: Clean guitar, bass, and ribbon mics

VINTAGE

- Tube: Sovtek 12AX7LPS
- Character: Warm midrange with deep saturation
- Ideal For: Vocals and harmonic coloration

WARM

- Tube: Sovtek 12AX7WA
- Character: Smooth warmth with vintage-style coloration
- Ideal For: Consistent, full-bodied tone across sources

Whether you wish to push the gain for smooth harmonic distortion with the 6922EH, explore rich saturation with the 12AX7LPS, or detailed, modern tones with the 12AT7EH - the UFO Tube Pack gives you plenty of options to explore.

Please note:

The Clean 6922EH and Modern 12AT7EH are both lower gain tubes. The Vintage 12AX7LPS and 12AX7WA are higher gain tubes.

Replacing the tubes may result in level differences. Please be mindful of possible noise when using lower-gain tubes, or increased distortion (saturation), when using higher-gain tubes.

Power



The UFO Class A Discrete Mic preamp comes equipped with its own external power supply unit with a built in transformer. It is equipped with a 1.5 meter cable with a 5-pin mini XLR connector and power lead.

Only use the power supply that is supplied with the UFO tube preamp.

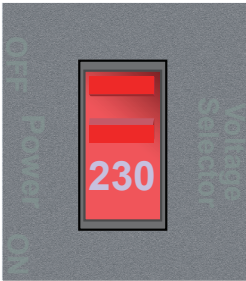
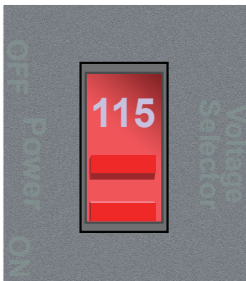
Operational Use

Before use:

Adjust the voltage selector according to the requirements in your country. It is **EXTREMELY IMPORTANT** to pay close attention to this requirement and to choose the closest approximation to your country's supply.

The voltage switch offers two options;

115V or 230V.



For example, since the UK and China use 240V for normal mains supply, the user would select 230V, which is compatible. Japan and the USA uses 100V and 110V respectively for normal mains supply, so would therefore use the 115V option, which is compatible and the nearest equivalent.

It is **extremely** important to ensure the appropriate voltage is chosen on the power supply unit for your country. Not to do so may damage or destroy the power supply unit and create a potential fire risk.

Once you have selected the correct voltage for your country on the power supply unit, **please double check it.**

Please read the following steps, *before* connecting your UFO Class A Preamp;

1. Connect the UFO to the power supply unit using the PSU's 5-pin mini XLR cable, ensuring the UFO preamp and power supply unit are both switched OFF and disconnected from the mains supply.
2. **Check the voltage selected on the UFO power supply unit is correct.** Connect the power lead to the UFO power supply unit and connect this to the mains supply.
3. Ensure volume/gain is extremely low or at zero, (i.e. the volume of the UFO preamp and any equipment the UFO is connected to).
4. **Re-check the voltage selection is correct** for your country, before switching on the power supply unit.
5. Turn on the power supply unit.
6. Turn on the UFO tube preamp.
7. Adjust volume/gain to taste.

Users should bear in mind that if connecting the UFO preamp to an audio interface via the audio interface's preamps, the signal will therefore be passing through two sets of preamps and that particular attention should be paid to gain staging and volume control.

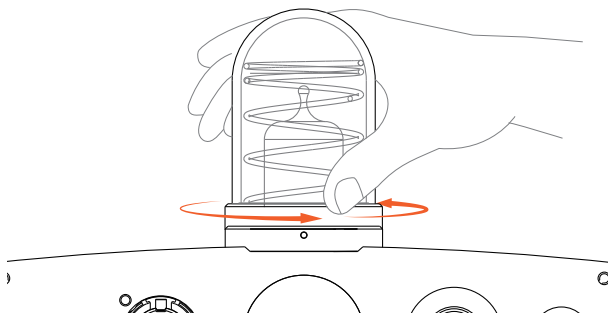
Replacing the tube

When the life cycle of the tube has expired, it is extremely easy to replace.

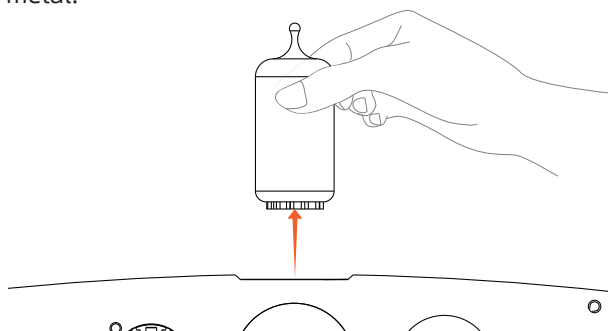
Ensure the device is unplugged and disconnected from the power supply unit.

Switch the UFO preamp on whilst unplugged to extinguish any residual energy, (on rare occasions electrical equipment can retain a small amount of charge after being disconnected from power sources). Switch the UFO device off after a few seconds. **NEVER** replace the tube whilst the device is on or connected to the power supply. Additionally, wait for a few minutes for the tube to sufficiently cool down after use, before attempting to replace it.

Step 1: Twist the transparent cover in an anti-clockwise direction;



Step 2: Now, unplug the Electro-Harmonix 6922EH (or other) tube. This is done by gripping and lifting the tube in an upwards motion. Do not touch the glass - only grip the metal.



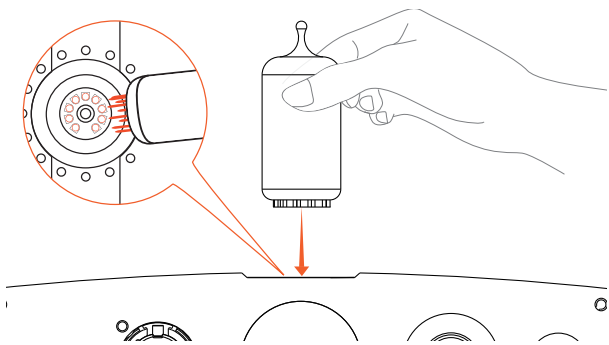
Caution!

If recently used, the tube may retain heat. Please exercise caution.

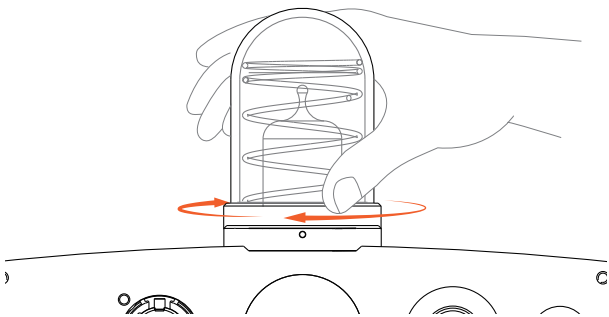
Additionally, do not grip the tube too hard or any part of the glass structure of the tube. Ensure all electrical supply has been disconnected.

A competent adult should perform this task. If in doubt, ask a qualified electrician.

Step 3: Plug the new tube into the UFO using the corresponding pins and sockets.



Step 4: Replace the cover, turning it in a clockwise direction, as shown below.



Specifications

Gain	0dB - MAX: 68dB
Frequency response	10Hz-100kHz
THD	< 0.005%
Equivalent input noise	-130dB (61dB gain,10Hz -20kHz,50Ω)
Dynamic range.....	131dB
Phase response.....	<5° (10Hz - 20kHz,+ 22dBu output)
Output level	+35dBu(20Hz - 40kHz,10kΩ
Mic Input Impedance	5kΩ 2x2.5kΩ
Mic output impedance	50Ω 2x25Ω
Phantom power	+48VDC
Power requirements	115/230 VAC, 50/60 Hz
Dimensions	193(L)x181(W)x 97(H) mm
.....	7.58(H)x 7.13(W)x 3.83(H) inch
Weight-UFO	1.348kg
Weight-Power	1.329kg

Services

If your UFO Class A Discrete Mic preamp needs servicing, follow these instructions.

Check our online Help Center at <http://support.iconproaudio.com>, for information, knowledge, and downloads such as:

1. FAQ
2. Download
3. Product Registration
4. Video Tutorials

Very often you will find solutions on these pages. If you don't find a solution, create a support ticket at our online Help Center at the link below, and our technical support team will assist you as soon as we can.

Navigate to <https://support.iconproaudio.com> and then sign in to submit a ticket.

Once you have submitted an inquiry ticket, our support team will assist you to resolve the problem with your ICON Pro Audio device as soon as possible.

To send defective products for service:

1. Ensure the problem is not related to operation error or external system devices.
2. Pack the unit in its original packaging including end card and box. This is very important. If you have lost the packaging, please make sure you have packed the unit properly. ICON is not responsible for any damage that occurs due to non-factory packing.
3. Ship to the ICON tech support center or the local return authorization. See our service centers and distributor service points at the link below:

If you are located in the **United States** please visit our help centre - <https://support.iconproaudio.com> and submit a ticket to the technical support team.

If you are located in **Europe**, please email the support team and wait for a response before sending the product to:

Sound Service GmbH
European Headquarters
Moriz-Seeler-Straße3 D-12489
Berlin
Telephone: +49 (0)30 707 130-0
Fax: +49 (0)30 707 130-189
E-Mail: service@sound-service.eu

If you are located in **Hong Kong** please email the support team and wait for a response before sending the product to:

ASIA OFFICE:
Unit F, 15/F., Fu Cheung Centre,
No. 5-7 Wong Chuk Yueng Street,
Fotan,
Sha Tin, N.T., Hong Kong.
Tel: (852) 2398 2286
Fax: (852) 2789 3947
Email: info.asia@icon-global.com

For additional update information please visit our website at:
www.iconproaudio.com



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抖音号



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Youtube



www.youtube.com/iconproaudio

Website



www.iconproaudio.com

Support



support.iconproaudio.com

Dashboard



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