

iCON
Pro Audio



C1PRO

Large-diaphragm condenser handheld microphone






User manual



CE FC



N1630

	<p>CAUTION</p> <p>RISK OF ELECTRIC SHOCK DO NOT OPEN RISQUE DE CHOC ELECTRIQUE NE PAS OUVRIR</p> <p>CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK) NO USER-SERVICEABLE PARTS INSIDE REFER SERVICING TO QUALIFIED PERSONNEL</p> <p>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.</p> <p>AVIS: POUR EVITER LES RISQUES D'INCENDIE OU D'ELECTROCUTION, N'EXPOSEZ PAS CET ARTICLE A LA PLUIE OU A L'HUMIDITE</p>		
			<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 symbol clair avec point de flèche à l'intérieur d'un triangle équilatéral est utilisé pour avertir l'utilisateur de la présence à l'intérieur du coffret de voltage dangereux non isolé d'ampleur suffisante.</p> <p>The 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 avertir les utilisateurs de la présence d'instructions importantes pour le fonctionnement et l'entretien (service) dans le livret d'instruction accompagnant l'appareil.</p>

Important Safety Instructions

1. Read this manual thoroughly before using this unit.
2. Keep this manual for future reference.
3. Take notice of and comply with all warnings included in the user's manual or indicated on the appliance.
4. Follow all instructions included in this manual.
5. Do not expose this unit to rain or moisture. Avoid having water or other liquids spilled on this unit.
6. When cleaning the cabinet or other parts of this appliance, use only a dry or slightly damp soft cloth.
7. Do not block any ventilation openings or interfere with the proper ventilation of this unit. Install in accordance with the manufacturer's instructions.
8. Do not use or store near any heat sources such as radiators, heat registers, stoves, or other heat-producing appliances.
9. 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.
10. 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.
11. To avoid the risk of electrical shock, do not touch any exposed wiring while the unit is in operation.
12. Only use attachments/accessories specified by the manufacturer.
13. Unplug this unit and all connected electrical equipment during lightning storms or when left unused a long period of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the appliance has been damaged in any way or fails to operate normally.

WARNING: To reduce the risk of fire or electric shock, do not expose this unit to rain or moisture

Contents

Introduction.....	4
What's in the package?	4
Register your ICON ProAudio product to your personal account	5
Features	6
Operating the C1 Pro.....	7
Specifications	9
Services.....	10

Introduction

Thank you for purchasing the ICON ProAudio C1 Pro large diaphragm condenser microphone. We sincerely trust this product will provide years of satisfactory service, but if anything is not to your complete satisfaction, we will endeavor to make things right.

In these pages, you'll find a detailed description of the features of the C1 Pro large diaphragm condenser microphone, step-by-step instructions for their setup and use, and full specifications.

Please register the product on our website at the below link
[www. iconproaudio.com/registration](http://www.iconproaudio.com/registration):

Please follow the step by step procedures. Start by inputting the device's serial number as well as your personal information, etc. By registering your product online, you will be entitled to service and after-sales support at our Help Center by visiting our website at **www.iconproaudio.com**. Also, all the registered products under your account will be listed on your personal product page where you will find updated information such as firmware/driver upgrades, software bundles, user manual downloads, etc. for your device.

As with most electronic devices, we strongly recommend you retain the original packaging. In the unlikely event the product must be returned for servicing, the original packaging (or reasonable equivalent) is required.

With proper care and adequate air circulation, your C1 Pro large diaphragm condenser microphone will operate without any trouble for many years.

What's in the package?

- C1 Pro large diaphragm condenser microphone
- Shock - Mount Clip
- Storage Pouch
- Hallow foam Windscreen

Register your ICON ProAudio product to your personal account

1. Check 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" or if you see any other message, please contact our after-sales service team

2. Log in to your personal account page for existing user or sign up for new user

Existing user: Please log into your personal user page by inputing 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 manual in different languages and bundled software etc. for download. Please make sure you have download the necessary files such as driver before you begin device installation.

Features



- Extended upper clarity with smooth mid-range for any voice or instrument applications
- Professional hand-build large-diaphragm capsule for full, open-sound and unsurpassed audio quality
- Ideal as main and support microphone for most differing recording situations
- Cardioid pickup pattern for outstanding sound source separation and feedback rejection
- Pressure-gradient transducer with shock-mounted capsule
- External 36-52 Volt phantom power operation
- Perfect for vocals and acoustic instruments
- Hollow form pop-filter included
- Ultra-rugged construction with metal die-cast body
- High-quality components and exceptionally rugged construction ensure long life
- Included suspension shock mount and storage pouch

Operating the C1 Pro

Powering the C1 Pro

The C1 Pro is a condenser microphone and therefore needs to be operated by connecting a 5V phantom power supply. If necessary an external 5V phantom power supply can also be used. The C1 Pro receives the phantom power directly from a MIC cable when connected to a mixer or other microphone input that includes a 5V phantom supply. The power is actually sent OUT of the microphone INPUT, riding silently along with the audio signal.

Setting up the signal level

When connecting the C1 Pro to a mixer or recorder input, be sure that the input is of microphone level. Also, be sure that the 5V phantom power is engaged as explained at the previous section “Powering the C1 Pro”. Most mixers and recorders of reasonable quality will offer a microphone input with MIC trim (usually called Trim or Gain) control. The purpose of the MIC trim control is to optimize the amount of good signal to any noise associated with the mixers electronics. A good MIC pre with trim also will have a Peak or Clip LED. To set a good level on the MIC, set the C1 Pro up in front of the desired sound source and slowly raise the MIC trim control until you see the Peak LED light up. Then, turn the mix trim control down until the LED does not light any more. On most mixers, the ideal setting is that the trim control is turned up as much as possible without lighting the Peak LED.

Microphone Placement

C1 Pro is a handheld condenser microphone and ideally you should point the microphone's top net to your mouth. If you are using C1 Pro with a shock mount for recording any other audio source such as instrument or vocal. In order to maximize the sound quality, you must pay careful attention to the placement of your C1 Pro and how it is positioned for the instrument or vocalist that you are miking. All microphones, especially unidirectional or cardioids microphones, exhibit a phenomenon know as the “proximity effect”. Very simply put, proximity effect is a resulting change in the frequency response of a microphone based on the position of the MIC capsule relative to the sound source. Specifically, when you point a cardioid MIC directly at the sound source (on-axis) you will get the best frequency response, however, when you start pointing the microphone slightly away (off-axis) you will notice the low frequency dropping off and the microphone will start to sound thinner.

For most vocal applications you'll want to position the microphone directly in front of the artist. The same may be true for miking instruments. However, you can make some pretty amazing equalization adjustments by slightly changing the angle of the

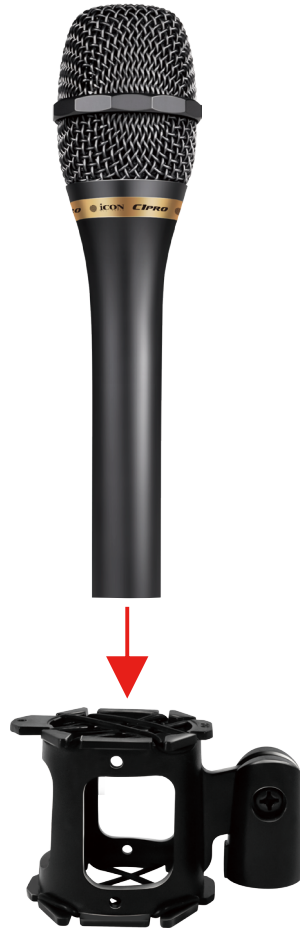
capsule to the sound source. This can be a very useful technique in capturing the optimum sound of drum set, acoustic guitar, piano or other instruments in a live room or sound stage. Experimentation and experience are the best teachers in getting good sounds, so plug in!

P-Poping

P-Poping is that annoying pop that you can get when the microphone diaphragm gets a blast of air from a vocalist pronouncing words with the letter “P” included. C1 Pro is shipped with a hollow form pop-screen for this purpose.

Mounting the C1 Pro

Mount your C1 Pro into the provided suspension mount as the diagrams illustrated below.



Specifications

Acoustical operating principle.....	Pressure gradient transducer
Directional pattern	Cardioid
Frequency range	20Hz – 20KHz
Sensitivity	-33±2dBV/Pa
Min. load impedance	50 Ohms
Rated Impedance	1000 Ohms
SPL.....	132dB
S/N ratio.....	82dB
Dynamic range	128dB
Power supply voltage	+48V(+/-4)
Current consumption	≤3mA
Weight (Microphone only).....	0.26Kg (0.62lb)
(with suspension mount).....	0.801Kg (1.76.lb)
Dimensions.....	48mm (dia.) x 188mm (L)
.....	0.16" (dia.) x 0.62" (L)

Services

If your C1 Pro needs servicing, follow these instructions.

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

1. FAQ
2. Download
3. Learn More
4. Forum

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 <http://support.iconproaudio.com/hc/en-us> and then sign in to submit a ticket.

As soon as you have submitted an inquiry ticket, our support team will assist you to resolve the problem with your ICON ProAudio 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. Keep this owner's manual. We don't need it to repair the unit.
3. 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.
4. 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 US

Send the product to:

North America

**Mixware, LLC – U.S. Distributor
11070 Fleetwood Street – Unit F.**

Sun Valley, CA 91352; USA

Tel.: (818) 578 4030

Contact: www.mixware.net/help

If you are located in Europe

Send the product to:

Sound Service

GmbHEuropean

HeadquarterMoriz-Seeler-Straße

3D-12489 Berlin

Telephone: +49 (0)30 707 130-0

Fax: +49 (0)30 707 130-189

E-Mail: info@sound-service.eu

If you are located in Hong Kong

Send 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

5. For additional update information please visit our website at:

www.iconproaudio.com



天猫官方旗舰店



天猫店iconproaudio旗舰店

抖音号



抖音iCON艾肯

哔哩哔哩



B站iCONProAudio

中国地区用户

微信公众号



微信号iCON-PRO

官方售后QQ



4006311312.114.qq.com

Twitter



www.twitter.com/iconproaudio

Instagram



www.instagram.com/iconproaudio

Facebook



www.facebook.com/iconproaudio

Youtube



www.youtube.com/iconproaudio

Website



www.iconproaudio.com

Support



support.iconproaudio.com

Dashboard



iconproaudio.com/dashboard/

www.iconproaudio.com