

# Quick start guide

## Congratulations!

You have just purchased the most convenient USB condenser microphone named 'UFO'. It is designed for easy and efficient recording by JamMate – a brand of professional USB audio devices.

UFO stands for "USB Fantom On-air." As its name, you can use this microphone with USB port on PC or Mac.

As power supplied by computer through USB cable, there is no need to connect with mixer or any other external phantom power supplies.

Therefore UFO is suitable for portable laptop audio recording.

Just plug UFO to USB port and connect monitoring headphone. You already get ready for recording sound that you need.

## Features

- Pre-powered phantom USB microphone
- Plug into any computer's USB port
- 3.5mm TRS (stereo) mini phone jack for both Headphone and Line out
- Cardioids polar pattern
- Smooth, flat frequency response
- WDM, MME, ASIO, DirectSound and Core Audio support
- Pouch, microphone mount, A/B type USB cable, Quick Startup Guide and Installation CD included
- Shock mount (optional accessory)

## Minimum system requirement

<PC>

Intel Pentium 4 or equivalent and compatible CPU  
Motherboard with chipset supporting the Intel Pentium 4  
256MB of RAM

One available USB port  
Microsoft Windows® XP or later  
<Mac>

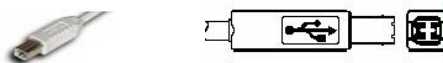
Macintosh with G4 or better processor  
256MB of RAM  
One available USB port  
Mac OS 10.3 or later

## How to hook up UFO and your computer

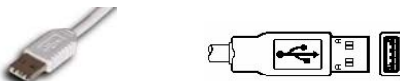
**Connections:** Simply you can hook up UFO and your computer using the included USB cable. (If you have a motherboard with a new chipset, please install the recent patches provided by your motherboard or chipset manufacturers.)



Find the USB port on the bottom of UFO. Connect provided USB cable (Series B plug type) to UFO as in the picture below.

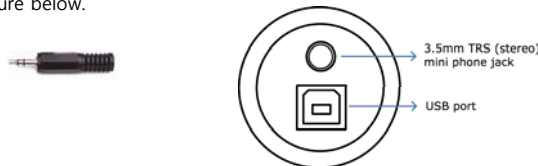


Find the USB port on your computer. Plug the UFO's USB cable (Series A plug type) into the USB port of your computer.




Next, connect your headphone into the jack of UFO.

Connect provided 3.5mm TRS (stereo) mini phone jack to UFO as in the picture below.



**<Caution:** On the PC system, please don't connect your headphone or monitor speakers to your sound card. UFO is not related with your computer's sound card. You must connect your headphone on it.>

After connecting UFO, install exclusive UFO driver. Insert the provided CD-R in your CD Rom drive. Open driver folder and copy it to your computer. Then, just click setup file. After that, if you see a message, simply click "Yes."

After the installation has finished, please confirm if the  icon is visible in the system tray of the task bar.

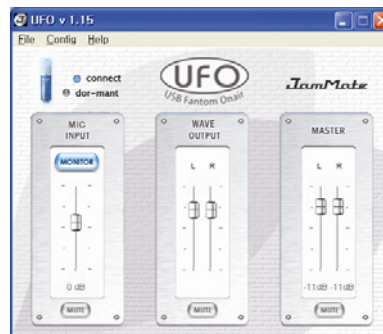
## Install the UFO driver on your PC

### Pull down menu

**(1) File – Exit:** This will close the UFO Control Panel window.

**(2) Config – Mouse wheel:** Controls the increment at which the volume is adjusted when using a mouse wheel. The adjustment step is from 1 to 8.

**(3) Config – Latency:** Here you can choose between different buffer sizes when you use it with ASIO2 driver. For a typical faster Pentium 4 system, 2 ~4 ms are good values. The factory default is 10ms to provide a basic level of compatibility to different systems.



**(4) Config – Factory Default:** Returns all UFO Control Panel configuration settings to the factory default.

**(5) Config - Always On Top:** Enables display of the UFO Control Panel always over other windows.

**(6) Help – About:** Check current driver information.

**(7) Connect/dor-mant:** If the UFO is connected to your computer, the connect lamp is turned. And if the UFO is disconnected from your computer, the UFO control panel will be display as dormant status.

**(8) MIC INPUT:** This is where you can monitor or adjust the input level of microphone input.

If you click 'Monitor', you can directly monitor the input source.

You can also select mute button to mute input source.

**(9) Wave Output:** This is where you can adjust the output level of your WDM Audio applications.

You can change levels for output channels by clicking and dragging the fader bars. You can also select mute button to mute output.

**(10) Master:** You can adjust wave output in here.

You can adjust input / output by clicking and dragging the Master fader. You can also select mute button to mute all channels.

## Install UFO on your MAC

UFO works with 10.3 (Panther) later versions of OSX.

you have earlier versions of Mac please upgrade OS 10.3 before using the UFO.

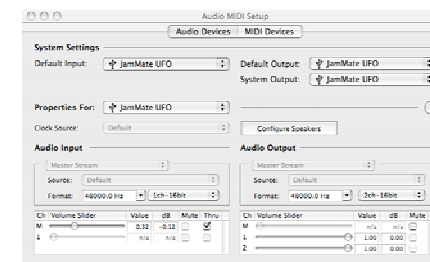
installation is

very simple.

After connecting UFO, your Macintosh computer will automatically detect the UFO.

After that, configure UFO as shown below. Audio MIDI Setup can be found in Applications>Utilities folder.

UFO fully works with Mac OSX's Core Audio driver.



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## How to set up Pre-amp gain

If you're recording extremely loud sounds, you can adjusting 'Pre-amp Gain' to eliminate clipping. 'Pre-amp Gain' is located inside UFO.

To adjust the input level, disassemble UFO as follows.

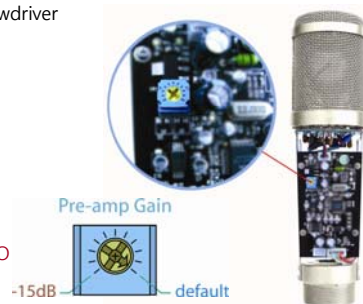


Then you can see 'Pre-amp gain 'in the left side of the board. The range of pre-amp gain is -15dB to 0dB. (The factory default setting is 0dB) You can adjust it with a cross screwdriver to fit input level you need.

<Caution: Be careful to harm any components of the circuit.>

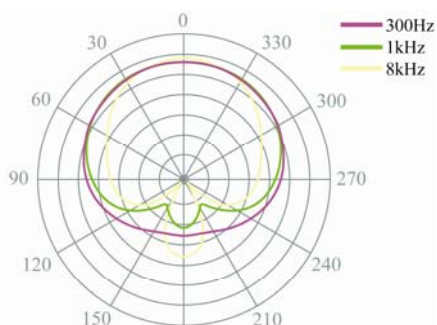
<Caution: You should assemble the all parts in reverse order, and be careful of the right direction of parts.>

<Caution: All connections should be unplugged before you take UFO apart.>

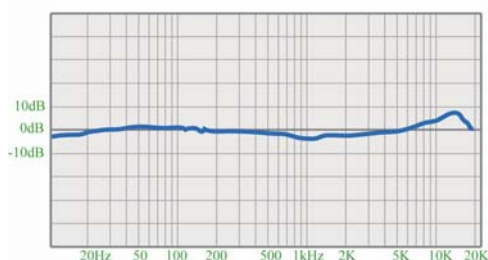


## Specifications

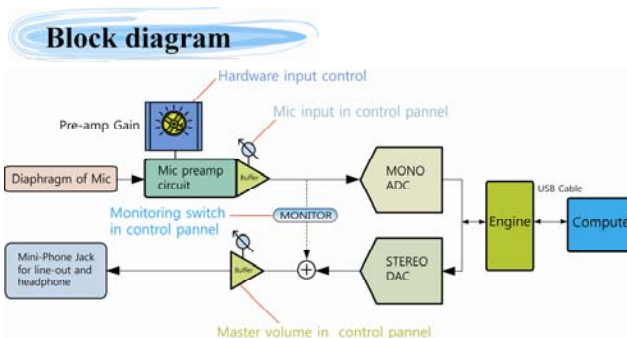
|                                |                              |
|--------------------------------|------------------------------|
| Polar pattern                  | Cardioids                    |
| Sensitivity of microphone      | (1kHz) 30mV / 1Pa (94dB) SPL |
| Noise level                    | 4uV                          |
| HP/Line amp output impedance   | < 2 ohm                      |
| Load impedance of headphone    | 30~300 ohm                   |
| Resolution of digital parts    | 24-bit                       |
| Sampling rate of digital parts | 44.1kHz and 48 kHz           |



Polar Response



Frequency Response



## END USER WARRANTY

### Trademarks

Windows is a trademark of Microsoft Corporation. Other product and brand names are trademarks or registered trademarks of their respective companies.

### End User Warranty

SIMS Corp. warrants this product, under normal use, to be free of defects in materials and workmanship for a period of One(1) year from date of purchase, so long as: the product is owned by the original purchaser, with proof of purchase from an authorized SIMS Corp. dealer. This warranty explicitly excludes power supplies and included cables which may become defective as a result of normal wear and tear.

In the event that SIMS Corp. receives, from an original purchaser and within the warranty coverage period, written notice of defects in materials or workmanship, SIMS Corp. will either replace the product, repair the product, or refund the purchase at its option. To obtain warranty service, the original purchaser or his authorized dealer must fill the support contact form at [www.usbband.com](http://www.usbband.com). In the event repair is required, shipment to and from SIMS Corp. and possible handling charges shall be borne by the purchaser. SIMS Corp. will not accept returns without prepaid shipments. In the event that repair is required, a Return Authorization Number must be obtained from SIMS Corp. After this number is obtained, the unit should be shipped back to SIMS Corp. in a protective package with a description of the problem and the Return Authorization Number clearly written on the package. All such returns must be shipped to SIMS Corp. headquarters in Seoul, Korea.

In the event that SIMS Corp. determines that the product requires repair because of user misuse or regular wear, it will assess a fair repair or replacement fee. The customer will have the option to pay this fee and have the unit repaired and returned, or not pay this fee and have the unit returned and un-repaired.

The remedy for breach of this warranty shall not include any other damages. SIMS Corp. will not be liable for consequential, special, indirect, or similar damages or claims including loss of profit or any other commercial damage,

even if its agents have been advised of the possibility of such damages, and in no event will SIMS Corp.' liability for any damages to the purchaser or any other person exceed the price paid for the product., regardless of any form of the claim. SIMS Corp. specifically disclaims all other warranties, expressed or implied. Specifically, SIMS Corp. makes no warranty that the product is fit for any particular purpose.

### The FCC and CE Regulation Warning

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. Caution: Any changes or modifications in construction of this device with are not expressly approved by the party responsible for compliance, could void the user's authority to operate equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense. If necessary, consult an experienced radio/television technician for additional suggestions.

### Correspondence

For technical support inquiries, contact your nearest dealer, local SIMS Corp. distributor or SIMS Corp. directly at:

#### SIMS Corp.

RAON Bldg. 9F, 92-8, Wonhyoro 2-ga, Yongsan-gu,  
Seoul, KOREA, 140-847

[www.usbband.com](http://www.usbband.com)

[www.simsaudio.com](http://www.simsaudio.com)

All features and specifications subject to change without notice. Parts of this manual are continually being updated. Please check our web site [www.usbband.com](http://www.usbband.com) occasionally for the most recent updated information.



JamMate

