



## USB Recording Phonograph Amplifier

AC-1593

## INCLUDED

- USB Pre-Amp Main Unit
- USB A to Mini 5 Cable
- 3.5mm to 3.5mm Audio Cable (Optional)

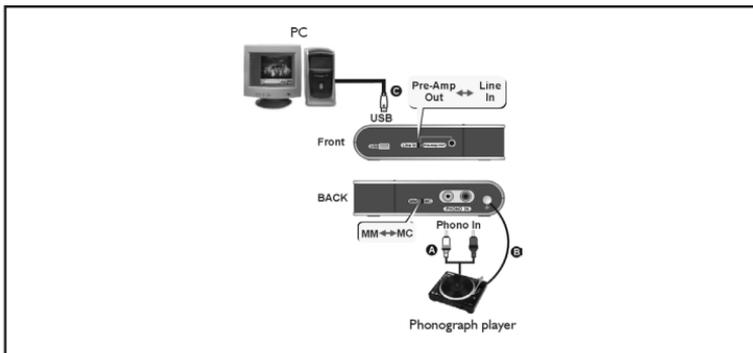
## FEATURES

- RIAA pre-amplifier circuit for PHONO IN
- Line in / Pre-Amp out switch
- MM/MC Selection for different phonograph cartridge
- Compatible with WinOS™ or MacOS™ default drivers
- USB Powering
- Audio sampling rates can be set up to 48KHz for 2 channel recording
- Supports Win2000™/WinXP™/Vista™ and Mac OSX™ without additional driver

## SYSTEM REQUIREMENTS

- Turntable Player
- Phonograph Disk
- Computer with USB ports @500 mA powering capacity

## APPLICATION



Convert your analogue music from a phonographic device into digital format.

Follow the directions below to record music from your phonograph device.

- A) Connect an audio cable (optional) with a phonograph turntable player & the AC1593 USB preamplifier.
- B) To prevent any noise or humming that can be caused by mismatching the turntable and USB preamplifier. It is recommended that you should connect the grounding point between these two devices.
- C) Connect the USB cable with a PC (or notebook) and the AC1593 USB Pre-Amp as shown in the image above.
- D) When the USB connection is functioning. The PC will auto-detect this unit "USB PREAMP". Then you can start to use this device on your computer.

### Operation:

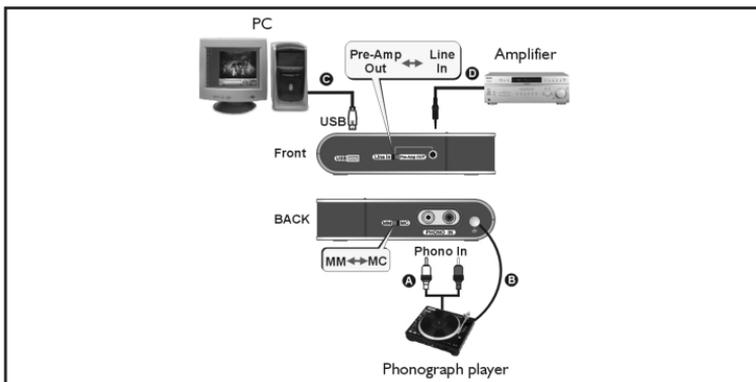
Connect your phonograph turntable with the USB preamplifier

B) Play the phonograph

C) Select the MM/MC position for different type of pickup head of your turntable

D) Now you can start working with your audio recording program on your PC/notebook

## PHONO PREAMPLIFIER (STAND ALONE OR OPERATED WITH PC)

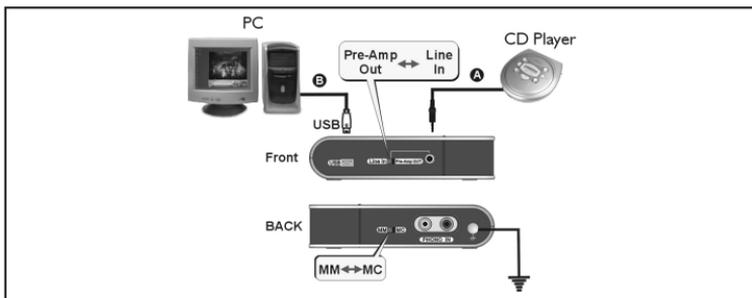


- A) Connect audio cable R,L to R,L (optional) to turntable player and USB Pre-Amp.
- B) To prevent any noise or humming that is caused by mismatching the turntable and USB preamplifier. We recommend user to wire the ground for these 2 devices.
- C) Use a USB to mini USB cable (optional), and then connect to your PC and the AC1593 USB Pre-Amp. Please make sure this connection is well secure because the USB preamplifier is powered via the USB port.
- D) Connect a 3.5mm to Audio R, L cable (optional), and then connect the "Line In/Pre-Amp Out" port and the Audio RL end to your stereo amplifier.
- E) Set the slide on the USB preamplifier to "Pre-Amp Out" position

### Operation:

- A) Connect the phonograph turntable with USB preamplifier
- B) Play the phonograph
- C) Select the MM/MC position for different type of pickup head of turntable
- D) Adjust the volume of your stereo amplifier and enjoy!

## LINE-IN GRABBING



Using this USB preamplifier to record a Line in signal from audio devices such as a CD player.

- A) Connect an audio cable (R L to 3.5mm: optional) to your CD player and the AC1593 USB preamplifier as per the illustration below.
- B) Take the USB cable (USB A to mini 5 cable: optional). Connect your PC or notebook, with the AC1593 USB preamplifier as per the illustration below

### **IF YOUR AUDIO DEVICE ONLY SUPPORTS A 3.5MM STEREO OUTPUT, PLEASE FOLLOW THE BELOW**

- A. Find a 3.5mm to 3.5 mm cable (not included), connect one end to “Line In/Pre-Amp Out” port on the USB preamplifier and the other to the 3.5mm output of your audio device.
- B. Set the slide position on the USB preamplifier to “Line In”

### **Operation:**

- A. Power on & play your audio device
- B. You can now start operating the audio recording program on your PC or notebook

## TROUBLE-SHOOTING

### **1) If the computer does not recognize the USB preamplifier**

- A) Please make sure the connection is correct.
- B) Please re-connect the USB preamplifier to your USB port, and then check the auto-detection function. (When the unit is detected, the LED should be lighted on)

### **2) What is the minimum requirement of PC?**

A computer with USB port and with 500mA powering capacity is enough.

### **3) Why is the Pre-Amp OUT not working?**

- a) Please make sure the connection is correct.
- b) Please make sure the slide position is set at "Pre-Amp OUT".

### **4) What kind of recording program is being used?**

Please use the existing recording program in your OS or try to download free audio programs from Internet.

## WARNING

- **FOR INDOOR USE ONLY**
- **DO NOT OPEN THE HOUSING, THERE ARE NO SERVICEABLE PARTS INSIDE**
- **KEEP AWAY FORM WATER AND HIGH HUMIDITY**

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320 Victoria Rd, Rydalmere  
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Ph: 1300 738 555  
Int'l: +61 2 8832 3200  
Fax: 1300 738 500  
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