

# Sonneteer

Sedley

Instruction Manual

## Introduction

Thank you for purchasing the new Sonneteer Sedley MM/MC phono stage. For your safety and proper operation, please take time reading this manual fully before installing and operating the phono stage.

### **Safety notice:**

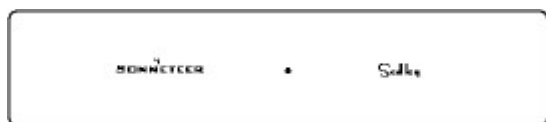
- **DANGER! HIGH VOLTAGE! RISK OF ELECTRIC SHOCK!**
- Lethal voltages are present inside the unit. Always unplug the amplifier completely from mains outlet before connecting or disconnecting anything.
- No user-serviceable parts inside. Please refer all servicing to qualified service agents.
- Never expose the unit to water, moisture, extreme cold or direct sunlight.
- It is advisable to unplug the unit from the mains when a thunderstorm is expected.

### **Cleaning your Sedley:**

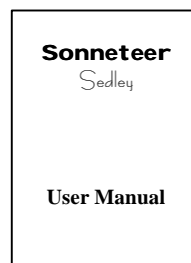
- Always unplug the unit from mains before cleaning the unit.
- Do not use solvents of any kind to clean the unit, only use a soft-dry cloth.

**Sonneteer** reserves the right to change specifications without prior notice.

### **This box contains the following:**

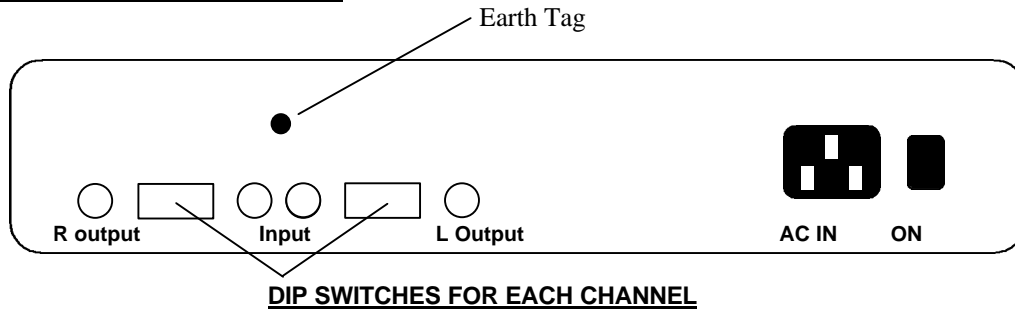


Sedley phono stage  
(with mains cable)



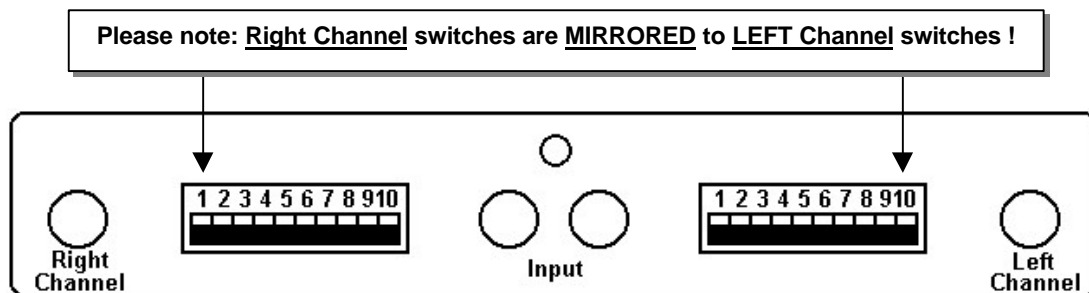
Instruction  
Manual

## Rear Panel connections:



- AC IN:** Connect to mains outlet.  
(Do this after all connections to the amplifier and the turn-table have been made and checked)
- ON:** Mains ON/OFF switch (To avoid “pop” noises, the Sedley should be switched FIRST ON, LAST OFF in your system, or make sure that your amplifier volume is turned down when switching your Sedley ON or OFF, or when adjusting the DIP switches.
- Input:** Connect the outputs from your turntable to these 2 connectors.
- L/R Output:** Connect this out to an input of your amplifier (not PHONO).
- Earth Tag:** Most turntables have an earth connection to connect here for possible “hum” reduction. We recommend you to try this connection for “hum” reduction.
- DIP switches:** Use these switches to set up correct matching for your cartridge, please see the next section.

## DIP SWITCHES:



Switches shown in UP position!

Please note: The two banks of DIP switches mirror one another ( i.e. Left 1 = Right 10 and Left 10 = Right 1 ).

### To adjust your DIP switch settings:

- Please refer to your cartridge specifications for setup information.
- Please switch off your amplifier and the Sedley before commencing with the setup.
- We recommend the use of a small flat blade screwdriver for setting up the DIP switches (please do not use a pen or sharp knife as this will damage the switches).
- We also recommend that you adjust your DIP switches on one channel first before adjusting the other channel.

## **RIGHT CHANNEL DIP SWITCHES:**

<u>Switch</u>	<u>Function</u>	<u>Switch position</u>
1	RIAA/IEC	Up = IEC Warp Filter selected, Down = RIAA selected
2	MM/MC	Up = MC (High Gain), Down = MM (Low Gain)
3	220pF	Capacitance loading, Down = selected
4	100pF	Capacitance loading, Down = selected
5	10pF	Capacitance loading, Down = selected
6	47pF	Capacitance loading, Down = selected
7	220Ω	Resistive loading, Down = selected
8	100Ω	Resistive loading, Down = selected
9	47Ω	Resistive loading, Down = selected
10	1kΩ	Resistive loading, Down = selected

## **LEFT CHANNEL DIP SWITCHES:**

<u>Switch</u>	<u>Function</u>	<u>Switch position</u>
1	1kΩ	Resistive loading, Down = selected
2	47Ω	Resistive loading, Down = selected
3	100Ω	Resistive loading, Down = selected
4	220Ω	Resistive loading, Down = selected
5	47pF	Capacitance loading, Down = selected
6	10pF	Capacitance loading, Down = selected
7	100pF	Capacitance loading, Down = selected
8	220pF	Capacitance loading, Down = selected
9	MM/MC	Up = MC (High Gain), Down = MM (Low Gain)
10	RIAA/IEC	Up = IEC Warp Filter selected, Down = RIAA selected

### **FOR MM Cartridge setup:**

For all MM cartridges, 47kΩ resistive loading is required, in this case leave all resistive loading switches in the UP position (47kΩ resistive loading is then automatically selected).

### **FOR MC Cartridge setup:**

For all MC cartridges, we recommend that for resistive loading you begin with 1kΩ loading selected only (or consult with your cartridge manufacturer).

### **Setting your Capacitive Loading:**

For Capacitive setup, start with the recommended setting from your cartridge manufacturer, if the sound is too soft or warm, try reducing the capacitive loading. Conversely, if the sound is too hard or bright, you may try to increase the capacitive loading (we recommend that you don't set this value at zero capacitance).

### **Setting your RIAA/IEC setting:**

For best performance, the RIAA switch should be left in the DOWN position, unless you are experiencing too much "cone flap" due to warped records.

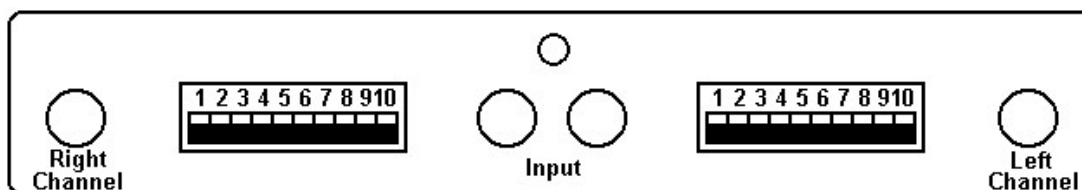
### **Note on the MM/MC Gain setting:**

The MM/MC is purely a GAIN setting, MC is High Gain and MM is Low Gain. If you have a low output MM cartridge, you can increase the phono GAIN by setting the MM/MC switch to the UP position for more volume output.

### **Setting the other channel:**

***Please check the Left Channel setting is a MIRROR copy of the Right Channel!***

## Setup examples:



## View of back panel from rear:

Below we have provided some standard DIP switch default settings for your reference.

### **For MM (Moving Magnet) cartridges:**

#### Setting 1:

RIGHT Channel : Switch 1 and 6 **DOWN**, remaining switches UP.

LEFT Channel : Switch 5 and 10 **DOWN**, remaining switches UP.

#### Setting 2:

RIGHT Channel : Switch 1 and 3 **DOWN**, remaining switches UP.

LEFT Channel : Switch 8 and 10 **DOWN**, remaining switches UP.

**Note:** If the sound volume is too high, the please set the GAIN setting to MM to give a lower output (**Right switch 2 and Left switch 9 DOWN**).

### **For MC (Moving Coil) cartridges:**

#### Setting 1:

RIGHT Channel : Switch 1, 6, 10 **DOWN**, remaining switches UP.

LEFT Channel : Switch 1, 5, 10 **DOWN**, remaining switches UP.

#### Setting 2:

RIGHT Channel : Switch 1, 4, 10 **DOWN**, remaining switches UP.

LEFT Channel : Switch 1, 7, 10 **DOWN**, remaining switches UP.

#### Please note:

These are only some standard examples, we recommend that you try these to start you off first. Please remember the First ON – LAST OFF rule when switching the phono stage OFF or ON to avoid “PoP” noises.

After switching on the phono stage, we recommend that you allow the unit to have approximately 1 minute to settle down.

**Technical specifications:**

Nominal Input impedance	<i>47kW</i>
Selectable input impedance	<i>1kW, 47W, 100W, 220W or parallel combinations of</i>
Selectable input capacitance	<i>10pF, 47pF, 100pF, 220pF or parallel combinations of</i>
Input sensitivity	<i>0.5mV MC, 5mV MM</i>
Size (mm)	<i>434 x 64 x 280</i>
Fuse Values:	
UK/Europe/Australasia:	230V/240V; T 1.6 Amp
US/Canada	110/120V; T 2.0 Amp

***Sonneteer reserves the right to change specifications without prior notice.***

**If a fault occurs, please refer to your dealer. Do not attempt to repair the unit yourself!**

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**Sonneteer**

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