

**NAD****S100****RIAA Phono Module**

### **Installation and set-up instructions**

The NAD S100 RIAA Phono Module is a custom designed optional phono stage for the NAD S100 pre-amplifier.

The module offers several settings for Moving Magnet (MM) and Moving Coil (MC) to accommodate a wide range of cartridges. The module is factory-set at MC; 35dB gain; 47kohm. This setting will suit most high output Moving Coil (MC) cartridges.

#### **NOTE:**

Installation and set-up of the NAD S100 RIAA Phono Module must be left to your official NAD dealer or qualified technicians. Do not attempt to install and/or change the settings of the module yourself.

**GB****Owner's Manual**

#### **IMPORTANT NOTICE:**

NAD can not accept any responsibility or held liable for the consequences of incorrect installation of the S100 RIAA phono module. Incorrect installation may void warranty on both the S100 RIAA phono module and the S100 pre-amplifier.

## **Installation and set-up instructions for the NAD S100 RIAA Phono Module**

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### **NOTE:**

Installation and set-up of the NAD S100 RIAA Phono Module must be left to your official NAD dealer or qualified technicians. Do not attempt to install or change the settings of the module yourself.

### **Installation of the S100 RIAA Phono Module into the NAD S100 pre-amplifier.**

Before installation, make sure the correct settings for the cartridge have been selected. The module is factory-set at MM; 35dB gain; 47kohm, which will suit most Moving Magnet (MM) cartridges. Refer to chapter "Changing settings of S100 RIAA Phono Module" if you need to change the internal settings of the module. To install the module:

- Switch power off to the entire system.
- Disconnect the mains from the NAD S100 pre-amplifier.
- Using the correct size Allen key (3mm), remove the top 3 Allen/Hex bolts at the S100 back panel. Keep the bolts in a safe place.
- Gently remove the S100 top-cover panel by first sliding the panel slightly backwards and then lifting upwards.
- With the controls (volume, input buttons, etc) facing towards yourself, you will notice the space reserved for the NAD S100 RIAA Phono Module in the top right-hand corner. The 3 holes in the Printed Circuit Board (PCB) correspond with the 3 legs on the module.
- Being careful to orientate the Module's legs into the 3 corresponding holes in the PCB, insert the module into the space reserved. Push the module gently home. Note that this requires little force.
- Once the Module is in place, replace top cover panel.
- Remount Allen bolts.
- Connect the turntable's plugs to Phono inputs.
- Connect S100 pre-amplifier to mains again.

### **Changing settings of S100 RIAA Phono Module**

The module is factory-set at MM; 35dB gain; 47kohm. This setting will suit most Moving Magnet (MM) cartridges. The module can be set at different values to cope with virtually all different kind of cartridges available.

To change the setting of the S 100 RIAA Phono Module:

- Before removing the Module from the NAD S100 pre-amplifier be sure to have switched the entire system off and the mains to the pre-amp disconnected.
- Remove the four Phillips screws on the long sides of the module.
- Check the cartridge's specifications to find the correct setting.
- Take the aluminium cover off the module.

Once the lid is removed, two rows of connectors (2 x 8 pins each) can be seen. By placing jumpers over the various pairs of connectors different settings can be selected. The table below shows which settings are available. Place the jumpers as indicated in the corresponding figure. Figure 1 shows the factory default setting, figures 2 to 12 show only the settings for the left row of connectors, the other row must be the exact mirror-image.

**NOTE:**

The position of the jumpers should always be identical for both rows of connectors. Do not use any other settings than those indicated in the table below.

**NOTE:**

Never operate the S100 RIAA Module without its top cover installed!

- By using a pair of small pliers or tweezers remove and place the jumpers for both rows in the desired position. Unused jumpers may be put over just one pin for safekeeping.
- After the jumpers have been put in the correct setting, replace the aluminium cover.
- Install the module as indicated in chapter: "Installation of the S100 RIAA Phono Module into the NAD S100 pre-amplifier."

fig.	MM/MC	Impedance	Sensitivity
1*	MM	47 kohm	35 dB
2	MM	47 kohm	45 dB
3	MM	47 kohm	55 dB
4	MM	47 kohm	65 dB
5	MC	22 ohm	35 dB
6	MC	22 ohm	45 dB
7	MC	22 ohm	55 dB
8	MC	22 ohm	65 dB
9	MC	100 ohm	35 dB
10	MC	100 ohm	45 dB
11	MC	100 ohm	55 dB
12	MC	100 ohm	65 dB

\*= Factory default setting.

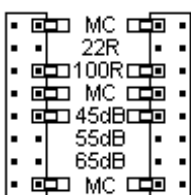


Fig. 1

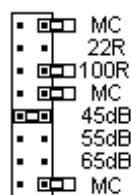


Fig. 2

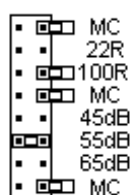


Fig. 3

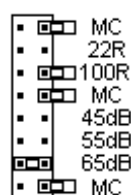


Fig. 4

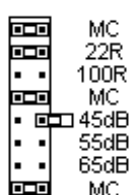


Fig. 5

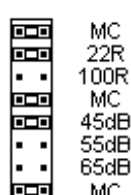


Fig. 6

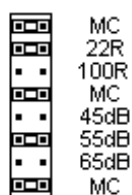


Fig. 7

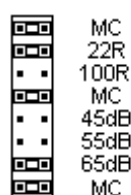


Fig. 8

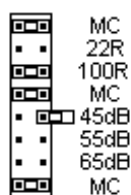


Fig. 9

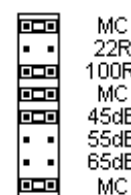


Fig. 10



Fig. 11

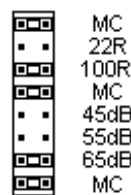


Fig. 12



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