

Scheda Phono NORMA PH1-REVO IPA-70B

1 – SETTING AND USER NOTES

The NORMA phono board PH1 REVO-IPA 70B allows for a series of fine settings and options, in order have the best connection with turntables and vinyl supports.

1.1) INPUT IMPEDANCE

Settings are obtained via micro-switches 1-4 on the PCBs SW-1R and SW-1L, respectively for right and left channel, as shown in photographs on page two.

To activate the desired impedance value, put the correspondent micro-switch in the ON position, leaving all other switches (1-4) in the OFF position.

If no switches are turned on, the default settings are used, 47Kohm e +34dB.

NOTE :

- The default impedance value is 47 kohm, with no switch turned on.
- The SPARE position is meant for customization. If you need a specific resistance value, please contact the manufacturer.

SW 1L - Input impedance			SW 1R - Input impedance		
Position	Value	Unit	Position	Value	Unit
1	100	Ohm	1	100	Ohm
2	510	Ohm	2	510	Ohm
3	1.000	Ohm	3	1.000	Ohm
4	Spare	//	4	Spare	//
All OFF	47.000	Ohm	All OFF	47.000	Ohm

1.2) GAIN

Settings are obtained via micro-switches 5-8 on the PCBs SW-1R and SW-1L, respectively for right and left channel, as shown in photographs on page two.

To activate the desired gain value, put the correspondent micro-switches in the ON position, as shown in table.

If no switches are turned on, the default settings are used, 47Kohm e +34dB.

NOTE :

- The default gain value is +34 dB, with no switch turned on.
- The SPARE position is meant for customization. If you need a specific gain value, please contact the manufacturer.

SW 1L - Gain			SW 1R - Gain		
Position	Value	Unit	Position	Value	Unit
5	Spare	dB	5	Spare	dB
8+7+6	+52	dB	8+7+6	+52	dB
6	+50	dB	6	+50	dB
8+7	+46	dB	8+7	+46	dB
7	+42	dB	7	+42	dB
8	+38	dB	8	+38	dB
All OFF	+34	dB	All OFF	+34	dB

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2) NOTES

1 – To achieve a custom value for impedance and gain, a custom resistance has to be inserted in SPARE positions (1 and 5). To know what resistance value needs to be used, please contact the manufacturer.

2 – In case you use a MC pickup with low output and low load impedance, it could be useful, to obtain better performances in terms of noise, to exchange one of the 2 Integrated Circuits (ICs) used for every channel.

The default setting (which is ready to work with MM pickups) uses an OPA134 for both the first gain stage and the second gain stage.

Since those ICs are mounted on a base, they can be easily swapped.

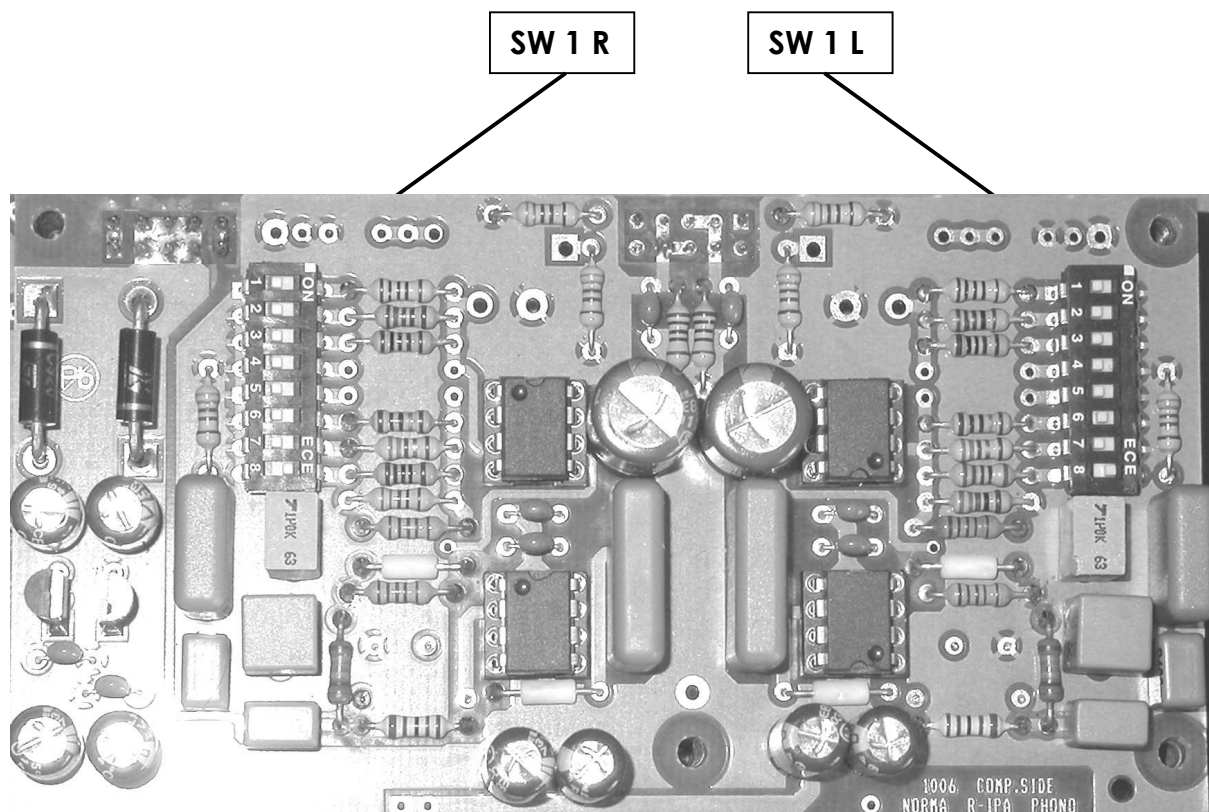
To set the board for MC operation, you can remove the first gain stage IPA134 (the one closer to the micro-switches) and install an LT1115 (as provided in the spare fuses packages in the user manual).

Please note that polarity must be respected.

(As you can see on the photograph, an indentation can be seen on both sockets. It needs to be left in the same position as you find it).

For any further information, please contact the manufacturer.

3 – To connect the turntable to ground, an M3 screw is placed on the back of the device.



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