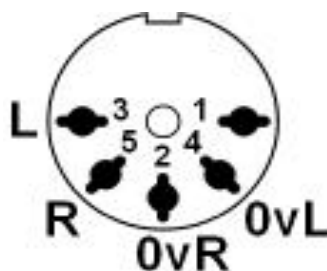


Best operating practice with the DNM 3D Pre-Amplifier.

Experience gained from two years use of the DNM 3D pre-amplifier has enabled us to compile some notes to help customers set the pre-amplifier and its connections to give the best results.

- 1) **A very important point is to ensure that all connecting cables plugged into the DNM 3D are connected as described below:-**



Background info

With the traditional Din connection both channels share pin 2 for the signal ground return. All DNM pre-amplifiers with Din connections (Series 3 through to Series 3C) always used separate ground connections for each channel in the Din connector, so pin 4 was used as well as pin 2 to allow separation of the left/right grounds.

Up to the DNM 3C the pre-amps were unaffected by the way in which the left/right channel ground connections were made because the left and right ground connections were brought together on the star ground.

This is not the same for the DNM 3D. It is therefore very important to ensure that the left/right ground connections are made as shown in the diagram above-- for all pre-amp inputs and outputs. If you check the cable and find that the ground connections have been made the wrong way round then you should reverse them otherwise you will not be getting the full performance from your DNM 3D. Cables modified for use with the DNM 3D can also be used with earlier DNM pre-amps.

- 2) **The toggle switches on the front of the pre-amplifier should be used to maximise the pre-amp performance.** When a signal source is not used move the toggle switch that selects that source to the centre-off position. For example if the CD player is being used then ensure that the disc input toggle switch (left hand end of the front panel) is set to the centre-off position. Similarly if the tape output is not in use ensure that the tape output toggle switch (right hand end of the front panel) is set to the centre-off position. These seemingly small actions will improve the DNM 3D's performance in a noticeable way.
- 3) **Headphone performance is noticeably affected by the internal lights and by the unused connection to the power amplifier.** The headphone output socket is directly driven by the DNM 3D's line amplifiers. For serious headphone listening turn off and disconnect the power amplifier cable from the output socket of the pre-amp. In this mode the headphones can be used with the pre-amp de-muted so that the internal LED's are switched off and the headphone performance is greatly improved.