Dynavector
AMPLIFIERS

Dynavector P75 mk4

phono preamplifier and
phono enhancer

quick start guide

IMPORTANT INFORMATION

This is a short "Quick Start Guide". For more details an Owner's Manual is available for download at www.dynavector.com.au. This document applies to P75 mk4 pcb revision r3v5

P75 mk4 Power Supply Requirements

AC to DC power adaptor 12VDC +/-15% 350mA (min)
2-pin connector centre positive
Outer Diameter 5.5mm
Inner Diameter 2.1mm
(supplied by dealer)

P75 mk4 Power Supply and Grounding Notes

The P75 mk4 introduces a new ultra-low noise power supply that is electrically isolated from the input power.

The P75 does not have any mains frequency or other low frequency components in the power supply and so hum problems that plague conventional phono amplifiers are eliminated.

While the P75 itself does not generate any hum, the tonearm and interconnect cables may act as antennae and pick up hum. To remove hum, connect an earth wire from the turntable/tonearm to a suitable ground point, usually the preamp/integrated amp ground.
The P75 Ground Terminal should be connected to the same ground point.

Specification summary

The P75 mk4 is a stand-alone phono to line level amplifier. It operates with almost any cartridge as follows:

Cartridge type	Input sensitivity	Gain	Loading Ω (ohms)
Low output MC	0.2mV (200µV)	60 & 63dB	30, 60, 100, 220, 470*
Medium output	1.0mV	56dB	470 Ω
High output MC/MM	2.0mV	40 & 44dB	47k (47,000) Ω
Shunt capacitance	100, 200, 300* (pF)	*User can fit any custom R or C loading value.	

Low Output MC Phono Enhancer (PE)
PE is a special Patented Mode of operation for Low Output MC cartridges. See Owner's Manual for full details.

P75 mk4 Jumper Location and Settings

The P75 can be adjusted to suit any cartridge on the market. Adjustment is simple. No soldering or extra parts needed.
Different settings are made by changing the position of jumpers on the Jumper Blocks. The layout of the jumpers is shown below.

Standard / Factory Default Setting

The P75 is shipped from the factory as follows:
Low output moving coil 100 ohm loading 63dB gain. Shown below.
This setting is perfect for over 95% of low output moving coil cartridges.

In appreciation

We wish to express our great appreciation to the late Mr John Bevan Ford of New Zealand-Aotearoa, contemporary Maori artist and music devotee, for his generous assistance with the appearance and functional design of our Dynavector products. While his insight is sorely missed, we shall continue to follow his clear guiding principles.

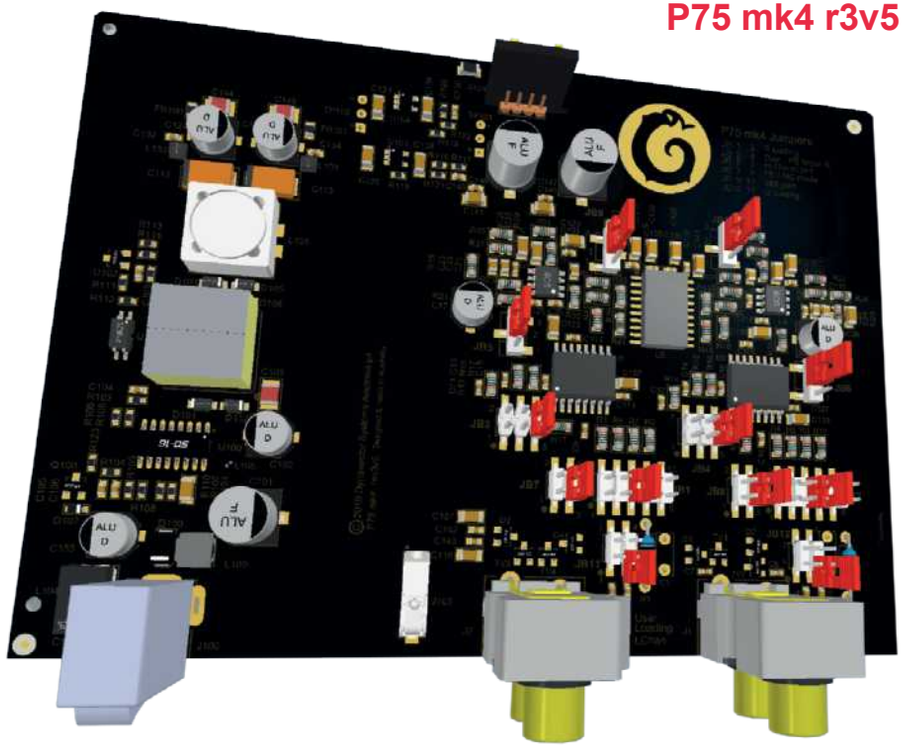
Haere ra John.

www.dynavector.com.au

Designed and manufactured in Australia by
Dynavector Amplifiers Australia.

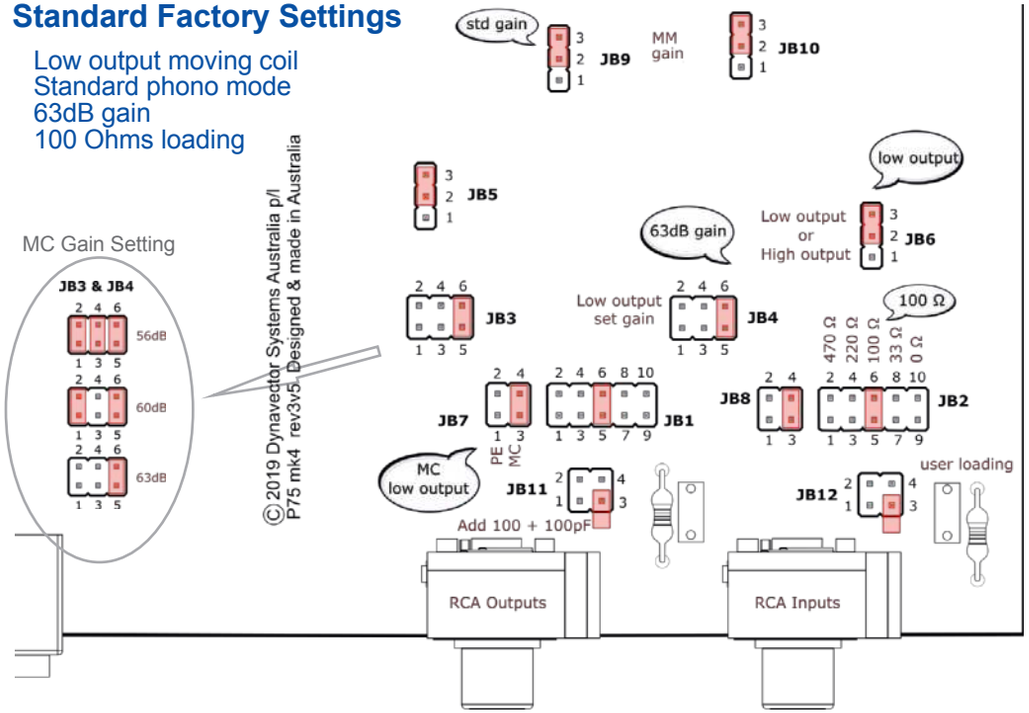
For support please contact your
local Hi-Fi dealer or Dynavector Distributor.

P75 mk4 r3v5



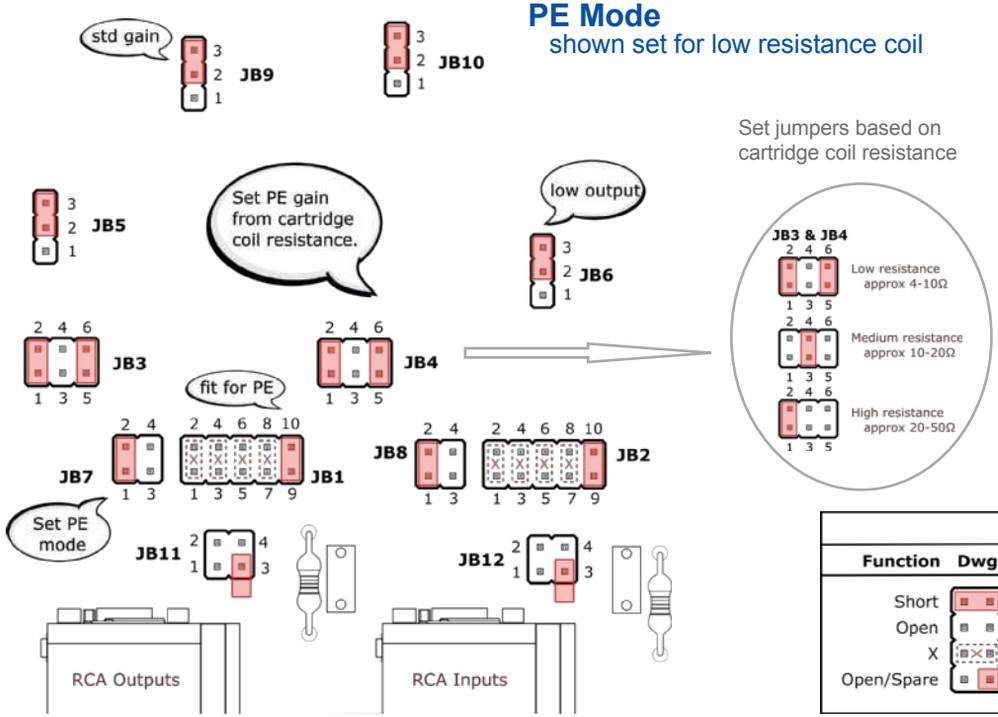
Standard Factory Settings

Low output moving coil
Standard phono mode
63dB gain
100 Ohms loading



PE Mode

shown set for low resistance coil



Set jumpers based on cartridge coil resistance

Key		
Function	Dwg	Jumper
Short		on
Open		off
X		on or off (don't care)
Open/Spare		half on - for unused jumpers

High Output MM and MC