

5) INSTALLATION OF THE STAND-ALONE DECODER.

The decoder may be placed anywhere within reaching distance of its supplied phono interconnect. A 2A mains fuse is fitted in the mains plug provided, and this value should not be exceeded should the mains fuse blow. A 63 m/a anti-surge fuse on the rear of the decoder protects the primary of the mains transformer, the secondary of which has automatic shutdown protection. A single phono-to-phono lead is provided. This should be connected between the tuner's 'multiplex out' socket and the 'IN' socket on the back of the decoder. Additionally a twin phono-to-phono interconnect will be required to go between the decoders 'OUT' sockets and a suitable input on your amplifier / control unit. (With the exception of PHONO INPUT, most inputs should be suitable. The input should have an impedance of 47K or higher, and a sensitivity not less than 100mV).

6) PHONO INTERCONNECT.

As with any quality audio product, the MPX 1's low impedance output stage will greatly benefit from the use of a good quality twin PHONO OUT lead. As this is invariably a matter of affordability, system dependency and personal preference, this accessory has NOT been included in the MPX 1's costing. IF IN DOUBT, PLEASE REFER TO YOUR SUPPLIER FOR GUIDANCE OR RECOMMENDATIONS.

7) OPERATING THE DECODER.

The decoder has no ON/OFF switch, and will be activated or closed down simply by switching the tuner feeding it on or off.

The left rotary control selects 3 positions: MONO, STEREO or BLEND.

MONO: This position may be useful when trying to pull in distant stations where the background noise is excessive.

STEREO: This will give maximum stereo separation and audio quality on full-strength transmissions.

BLEND: This operates in conjunction with the right-hand rotary control. With BLEND selected, this control will narrow separation and reduce background noise on distant transmissions. With the control turned fully clockwise, noise will be at its minimum for stereo and separation will be a mere 6db. Note: if noise at maximum setting is still excessive, the station will have to be listened to in MONO.

8) DECODER BOARD ONLY FOR MOUNTING IN TUNER CASE.

A ready-assembled decoder board, complete with power supply, can be supplied with installation instructions for engineers or competent DIY enthusiasts. Note: it may be necessary to forego the 'blend' facility when the decoder is fitted internally to a tuner. Ideally the blend control would be fitted to the tuner's front panel, but this may not be practical for obvious reasons. However, the relevant connecting posts remain on the p/c board (see illustration) and may be utilised by any enterprising DIYer if the tuner's ergonomics permit.