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INLINE, QUARTZ, SEQUEL 1, SPA etc.
FITTING OF SUBSTITUTE "OMEG" REPLACEMENT POTS.

The potentiometers used in these consoles will from time to time require replacement in the course of normal maintainance. Some of the original types have 15mm square bodies and are manufactured by "Ruwido" or "Preh". They come in 1,2,3 and 4 gang and have single or dual concentric shafts.

We are now offering a pot. with a circular body made by "Omeg" as existing stocks of the square body type finish.

The Pots. in question are P/N POT 0090 - POT 0101.

This circular pot. requires slightly modified mounting arrangements if used alongside existing square pots on the same mixer. If ALL the pots on a mixer are already circular, NO changes need be made, (also square pots cannot be used as replacements in this instance).

When fitting new circular pots alongside square pots there are 2 changes required:

1: Use a spacer washer between the pot. and the panel. This is required in ALL cases. The use of a shakeproof or serrated locking washer (as opposed to a flat washer) will space the pot. away from the panel to ensure the top of the knob matches existing pots/knobs. Single shaft use P/N HW-M7-CRINKLEW and dual concentrics use P/N M10-SHAKPRO or similar washers.

2: Bending of some pins to align with the PCB holes is required. On multi-gang pots. (not single) some rows of pins will need to be bent to fit into the correct holes in the PCB.

The first gang (nearest the panel) should not need to be bent as this should always be in the correct position. Which remaining rows will require bending and by how much depends on the number of gangs and where the dual concentric spacing (if any) occurs.

Some PCB's are laid out with extra holes to accommodate different styles of pots. So refitting the "Omeg" pots will not always use the same holes as the original pot. but should still fit properly. If in doubt, always check the PCB and new pot. back in the panel before soldering the new pot. in. The important dimension is the TOP of the shaft as this determines the knob height which must match the existing knobs.

Part Numbers for Substitute Pots for Soundtracs Mixers

The square style of pot fitted to some mixers are now being substituted by an older style of circular pot which are still available.

Most mixers up to and including PC Midi, FM series all use circular pots in any case. However some mixers, e.g. IL, Quartz etc. were built using both types, early examples using round and later production using square. In these cases the PCB are laid out to accept both types.

Refer to above regarding mixing of the 2 styles of pots in 1 mixer.

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Square style	Circular style (original)	Circular style (latest)
POT000090	POT-ACD-10KA	POT-CD-10KA
POT000091	POT-AL-10KB	POT-10KB
POT000092	POT-ACD-4K7A/A	POT-CD-4K7A/A
POT000093	POT-ACD-10KA/A	POT-CD-10KA/A
POT000094	POT-22KC-10KA	
POT000095	POT-AL-100KB/B	POT-100KB/B
POT000096	POT-100KC/C	
POT000097	POT-10KB/B	
POT000098	POT-10KB-10KB	
POT000099	POT-10KAA-10KB	
POT000100	POT-100KCC10KA	
POT000101	POT-100KCX4	