










c. fitting of the silver anodised front panel	
Fit the front panel the correct way round. It is held in place by 4 screws that pass through holes in the main chassis front panel and screw into threaded inserts on the silver anodised front panel.	 pick list silver anodised front panel x 1 M4 x 6 black pozi-drive screws x 4
	 tools 1. short phillips screw driver
d. fitting of the selector and stepped attenuator	
You will see that both devices have locator projections so when fitting they will only go in one position. The Elma goes in the selector position. If you intend on burning in your Dale Vishay the do not tighten the fixing nut totally.	 pick list Elma switch x 1 Dale Vishay stepped attenuator x 1
e. To achieve unity gain & burning in the stepped attenuator	
It is common for stepped attenuators to be around 4dB off unity gain (full volume) this is due to the argument that it is rarely required so make better use of the steps by having it a few dB off. However for those who want unity gain, the attenuator can be modified - see page 9. It is a good idea to run in your stepped atteuator, the resistors tend to need about a hundred hours to burn in. The best way to do this is shown on page 8. Once done you can fit the knobs using the 2 grub screws provided and a M3 hex key.	 pick list knobs x 2 M3 x 6mm grub screw x 2
 page 9	 tools M3 hex key x 1
f. fitting of feet	
The self adhesive feet provided should be positoned in the four corners avoid the recessed part of the underside as the chassis lid slides through here.	 pick list self adhesive feet x 4

CHAPTER 5 - WIRING UP & TESTING

a. wiring of the Glasshouse Passive Pre-amplifier No. 1	
To assist in this part of the construction please refer to page 9. The sequence is thus: 1. bottom line of solder tags to earth post solder tag. 2. top line of solder tags to earth post solder tag. 3. selector to record output and selector to attenuator. 4. attenuator to ouput. 5. attenuator to earth post solder tag. 6. input 6 to selector. 7. input 1, 2, 3, 4, 5 to selector.	 pick list HGC 0.5mm wire x 3m
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