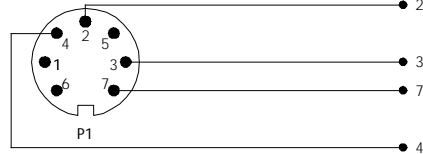
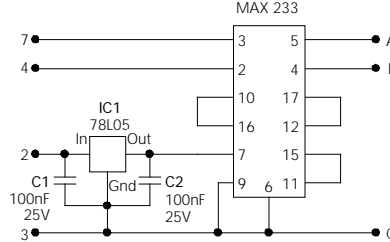


### mc 3030

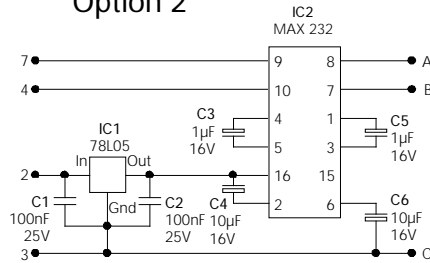
7 Way 270° DIN Plug (male)



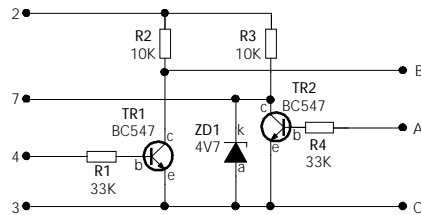
### Option 1



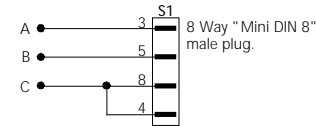
### Option 2



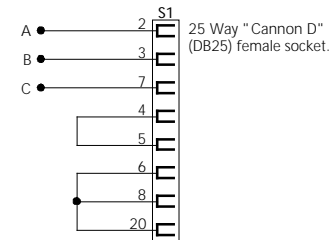
### Option 3



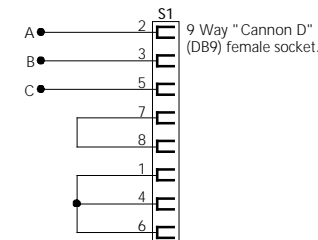
### Macintosh



### PC 25W



### PC 9W



#### Instructions

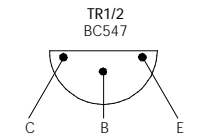
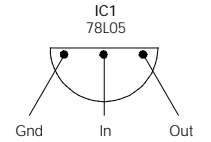
- All components should be widely available at your favourite electronics store.
- Choose output connector option for your Mac or PC (right column)  
(Note: I strongly suggest using a pre-wired Mini DIN 8 plug for the Mac)
- Choose circuit preference (centre column) - Option 1, 2 or 3  
(note: All 3 are OK on PC, opt 2 has been tested on Mac - opt 1 should also be OK)
- You have no option on the mc 3030 DIN connector !
- Build circuit on perf/strip board, or make a PCB if you like. If using a 25W DB connector, then you may be able to keep the components inside the connector shell. Otherwise, build it in a small plastic box. For security and signal quality, keep the lead length between circuit and the mc 3030 as short as possible (about 2 metres - 6 feet).
- When wiring up the DIN plug, match the pin numbers to the circuit. Similarly, match the output pin letters to the output connector.
- Double, then triple check your wiring - but then you would have anyway - wouldn't you ?

*While every care has been taken in the design and drawing of this schematic, mistakes DO and CAN happen - the onus is on YOU to ensure all is well.*

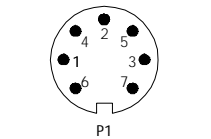
#### FYI - Pin assignments on mc 3030

- 1 Charger Input (+)
- 2 Voltage from Power Switch (+)
- 3 Ground (-)
- 4 I/O - Trainer Signal - Tacho Input
- 5 Trainer (RF disable) - strap to Gnd (3) to enable trainer on 4, and switch off RF module.
- 6 N/A
- 7 Tacho enable - strap to Gnd (3) to enable tacho signal on 4.

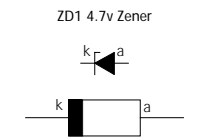
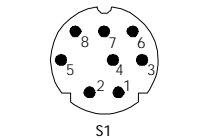
#### Device Pinouts (viewed from underside)



#### 7 Way 270° DIN Plug (male)



#### Mini DIN 8 Plug (male)



DATE  
2 June 2000 v1.1

DRAWN BY  
Neil D Gillies

TITLE  
SMPX Cable

#### SeaGull Technologies

11 River View  
DALGETY BAY  
Fife  
Scotland  
KY11 9YE

Tel: +44 (0)1383-823489  
FAX: +44 (0)870-0543622  
Email: neil@sea-gull.demon.co.uk  
WEB: www.sea-gull.demon.co.uk

Acknowledgement is given to Geoff Sokoll and others for the information in this diagram.