

## Using a CD Player with the 33 Control Unit

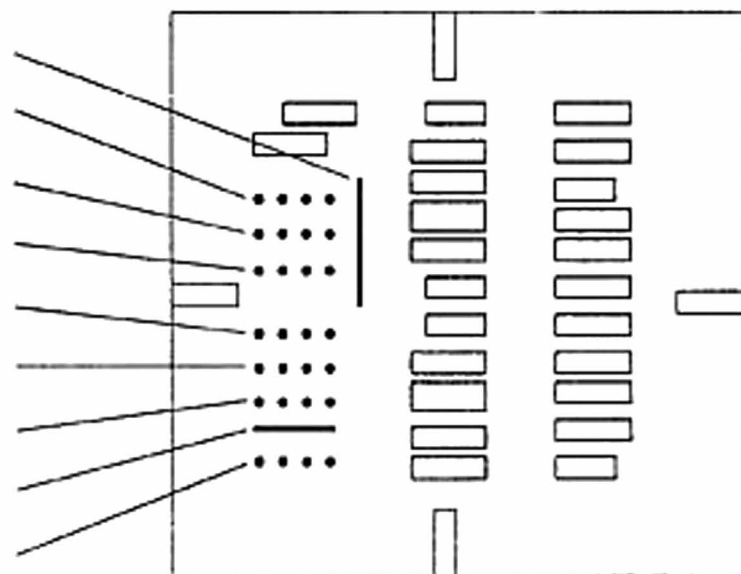
Although the 33 control unit does not have a dedicated CD input connecting a CD player is quite simple. The 33 uses DIN connectors for all inputs therefore a DIN to Phono adaptor is required. Most CD player specifications give an output level of 2V but in practise this corresponds to 300 mV rms from an average disc (10 dB attenuation necessary). Three methods are possible and these are listed below in order of preference.

- Radio 2 Input:** Use Quad Din to Phono adaptor/attenuator type PCD316M (length 15 cm), with 10 dB attenuation. The standard Phono lead supplied with the CD player is still required.
- Tape input:** Set the replay screws, on the tape adaptor board, to their middle position. This provides an input sensitivity of 400 mV which is a suitable match to the 300 mV nominal requirement.  
*(Not possible if either tape socket is already in use)*
- Disc input:** Use the S1 (special) position of the disc adaptor board and fit the components for a line input of 300 mV sensitivity, as shown below (input impedance 10 k $\Omega$ ).  
*(Not possible if the vinyl disc input is being used)*

Position	300 mV	400 mV	500 mV	750 mV	1000 mV
S1A	3k3 $\Omega$	3k3 $\Omega$	3k3 $\Omega$	3k3 $\Omega$	3k3 $\Omega$
S1B	s/c	s/c	s/c	s/c	s/c
S1C	o/c	o/c	o/c	o/c	o/c
S1D	6k8 $\Omega$	8k2 $\Omega$	8k2 $\Omega$	8k2 $\Omega$	13k $\Omega$
S1E	3k3 $\Omega$	2k7 $\Omega$	2k2 $\Omega$	1k8 $\Omega$	1k8 $\Omega$
S1F	o/c	o/c	o/c	o/c	o/c
S1G	3k3 $\Omega$	2k7 $\Omega$	2k2 $\Omega$	1k8 $\Omega$	1k8 $\Omega$
S1H	6k8 $\Omega$	8k2 $\Omega$	8k2 $\Omega$	8k2 $\Omega$	13k $\Omega$
S1J	s/c	s/c	s/c	s/c	s/c

### Details for 300 mV sensitivity

S1J - s/c  
 S1H - 6k8 $\Omega$   
 S1G - 3k3 $\Omega$   
 S1F - o/c  
 S1E - 3k3 $\Omega$   
 S1D - 6k8 $\Omega$   
 S1C - o/c  
 S1B - s/c  
 S1A - 3k3 $\Omega$



33 Disc Adaptor Board