INSTRUCTIONS FOR FITTING THE TAPE CARD TP00 TO A MERIDIAN 861

1.0, 13/11/97

INTRODUCTION

The tape card TP00 allows the connection of two tape outputs and a headphone output.

This sheet is intended as an installation guide for the fitting of the tape card TP00 to a Meridian 861.

WARNINGS

1. The power cord must be disconnected when any casing is removed.
2. Static sensitive parts are revealed when fitting these modules.

TOOLS REQUIRED

No. 0 pozidrive screwdriver
3/16 inch flat blade screwdriver

SOFTWARE

This card requires the installation of 861 software version 1.40 or higher in order to operate. Before beginning installation of the new hardware, check the software version of the 861 is equal to or higher than the version number supplied with the module. This number is clearly marked on the 3.5inch floppy disc label.
The 861's software version number can be found by holding down the **display key** which is located under the flap on the front panel, whilst the unit is in standby. The unit will display **Meridian 861 x.xx** were x.xx is the version number.
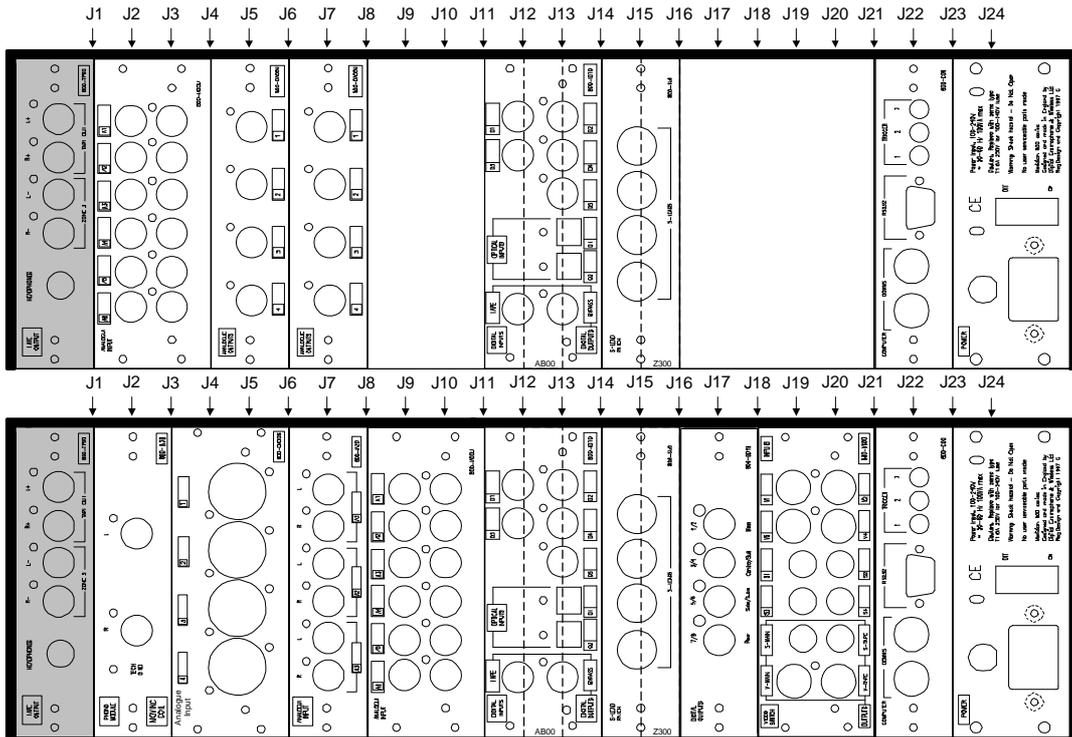If the software requires upgrading, proceed with this **first**, following the instructions found in the Meridian 861 supplement.

SITING

The diagrams overleaf show two typical 861 installations.
The tape card must **always** be sited in the left most section of the rear panel.

Note: The digital input card, the computer card and the DSP cards should **not** be removed and re-sited.

J1 J2 J3 J4 J5 J6 J7 J8 J9 J10 J11 J12 J13 J14 J15 J16 J17 J18 J19 J20 J21 J22 J23 J24

J1 J2 J3 J4 J5 J6 J7 J8 J9 J10 J11 J12 J13 J14 J15 J16 J17 J18 J19 J20 J21 J22 J23 J24

INSTALLATION PROCEDURE

Note: Observe static precautions throughout the installation period.

1. Switch off the unit and remove the power cord.
2. Remove blanking panels as required using a No. 0 pozidrive screwdriver. Retain panel and fixings.
3. Move **analogue** cards to the right if required, to allow room for the new card.
4. Slide the new card into the guide rails, (see diagram above). Ensure correct card orientation (component side of TP00 leftmost when viewed from the rear).
5. Check the card is aligned correctly and slides freely down the card guides. Do **not** push the card home at this stage.
6. Loosen all **analogue** input card fixings.
7. Slide all analogue input cards out together, so as not to disturb the ribbon connections between them, until approximately only a third is held in the card guides.
8. Look at the component side of the card immediately to the left of the tape card. Identify the red connector located, towards the top of this card and approximately halfway down its length. It is similar in appearance to fig 3 below.
9. Similarly access the connector on the **solder** side of the tape card (this is the **only** component on this side of the PCB).
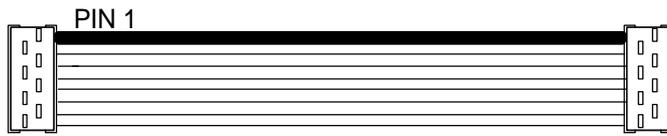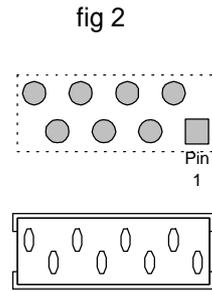
fig 2

fig 1

fig 3

Identify the card type to the left of the tape card. If this card is IA00 the six input analogue card then proceed as follows:-

Connect the jumper supplied, (see figure 1 above) to the component side of IA00 with the red stripe towards the motherboard. Connect the other end of the jumper to the connector on the solder side of the tape card, with the red stripe towards its rear panel. **Note:** This will require the jumper to be twisted 180 degrees between cards. If the ribbon is fitted reversed i.e. pin one to pin eight, the system will still function but left and right channels will be reversed.

If the card type, to the left of the tape card, is any other analogue input card other than IA00 then, connect the jumper supplied between the two cards with the red stripe towards the mother board. i.e. without the 180 degree twist.

10. Loop the jumper cable downwards between the cards so as to avoid the cable fouling on the card guides.
11. Push all the cards in gently, and together, to avoid straining the ribbon jumpers, until the rear panels are flush to the case. If the cards are aligned correctly in the card guides then only slight force will be required to mate the connectors.
12. Gently tighten the rear fixings using the flat blade screwdriver. **Do not over tighten.**
13. Connect to the tape outputs and headphone socket as required.
14. Re-connect the power cord and switch on.

SETTING UP THE TAPE CARD

The Tape Card always follows the source currently selected with the **Copy** key of the 861. Each output of the 3 Outputs on the Tape Card can be independently set to one of five possible settings.

- Fixed 2V output (Default setting for TAPE OUT and ZONE 2)
- Fixed 1.4V
- Fixed 1V
- Fixed 0.7V
- Variable (Default setting for the Headphone socket). The volume is controlled by the Headphone Volume control, see the *861 User Guide*.

The three outputs can be configured from the Meridian setup program. **Open** a file in the program, then go to **861 Surround Controller,** then **Current Settings,** then **Setup**. The 'Tape output 1' setting corresponds to the TAPE OUT on the rear panel and the 'Tape output 2' setting corresponds to the ZONE 2 output on the rear panel.