

HOW TO INSTALL A TERBONET NETWORK CARD ON A SERIES 1 UK TIVO



THE TERBONET CARD.

1. To open the case, you will need a T10 Torx screwdriver. Remove the three screws at the rear of the machine.

The cover is very tight, and you will need a broad flat bladed screwdriver to help lever the cover straight back, before lifting it straight up.

Please be aware that the Power Supply is unguarded!! NEVER operate the unit with the cover off and beware even when you have removed the power, because there will be enough residual charge in the switch mode power supply to give you a potentially fatal shock (unlikely, but you don't want to take that chance!).

When you have removed the power, let it lie for a while till the charge has dissipated, and even then, don't trust it. Keep your hands clear of the PSU area - or cover it with an insulating material and some tape.

2. Look for the expansion connector at the front right side of the case (viewing the case from the rear and above)



There is a rubber foot immediately under the expansion connector, and unfortunately, it projects into the Tivo and fouls cards sliding onto it.

Before we can install the Terbo card, we need to deal with the foot....

3. Turn the Tivo upside down so you can access the foot.



There is a plastic pin which goes down through the rubber foot into the Tivo. Using a small flat bladed screwdriver, lever the plastic pin up, then grab it and pull it all the way out. You will then be able to pull the rubber foot off the Tivo.



Using a sharp knife, cut off the protruding pieces of rubber from the foot so that the rubber foot base is flush. You will be attaching the foot back onto the flat area and you can do this in several ways. Double sided carpet tape would be ideal, superglue, or a hot glue gun.

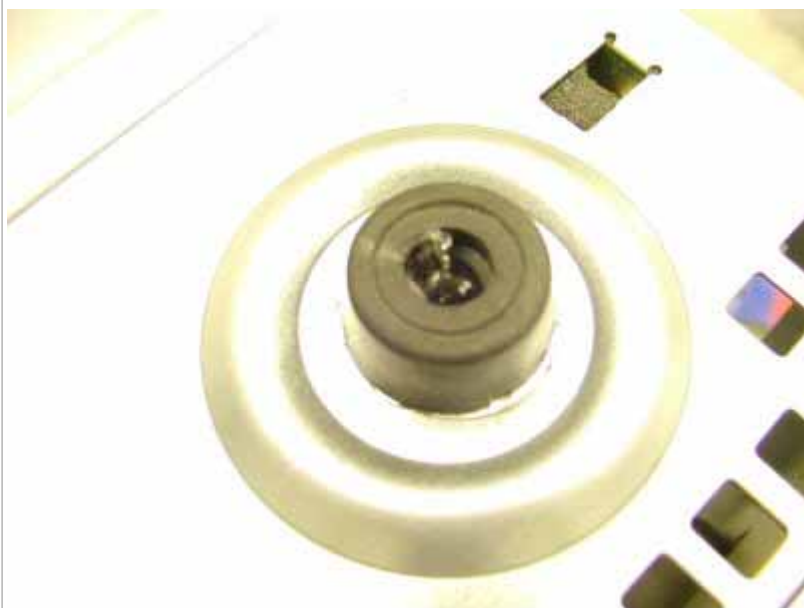
I only had a hot glue gun handy, so that's what I used.



To stop hot glue dripping through the hole (and possibly falling onto the expansion connector), I put a small piece of masking tape over the hole.



Apply the glue....



Then quickly push the foot down onto the base.

EDIT: Apparently it's not strictly necessary to do the above. You can trim the length of the plastic pin and re-install the foot (carefully) *after* you have installed your Terbonet card.

4. Turn the Tivo up the right way again and gently push the Terbonet onto the expansion connector. Be gentle and apply pressure to alternate ends to rock the connector onto the expansion fingers. Support the rear behind the connector while you do this. The connector will slide all the way in.



5. You can now connect your network cable to the Terbonet card and lead the cable out to the outside world. You might want to make a neat job and install a bulkhead network connector on the rear panel. Here is one I did



These connectors are available with krone terminations at the rear, or an RJ45 passthrough. They cost around 5ukp and are available from RS, Farnell, and Canford Audio. The metal versions require a 24mm hole, and the plastic versions require a 22.5mm hole. (The one shown above is a plastic krone version). Use a hole punch to get the desired size of hole.



The krone block at the rear has a very useful colour coded chart in the middle for the wires - use the 'B' version colour code.

If you don't want to go to the effort of drilling /punching a hole in your Tivo, then just lead the cable out through a convenient hole, add an RJ45, then use a female - female RJ45 coupler to hook up the Tivo to your network.

6. The Finished Installation



Where to get one...