

GTH ELECTRONICS

ACE Convertor Special Versions L, S, T & Y

These versions are designed for those people who need to have the ACE Converter come up in a specific mode whenever the power is turned on to allow unattended use.

Option "L": Colour Standard Lock - Normally ON.

This solves the rather rare inaccurate colour standard detection which can occur when handling some difficult faulty PAL tapes, giving rise to vertical colour bands. This function locks out the automatic colour standard selection on the ACE Converter, so in this mode it will only accept PAL/50/4.43 or NTSC/60/3.58. This function should only be needed when copying from old or damaged tapes, or where there are momentary breaks in the colour which can sometimes fool the automatic standard detection and result in false locking of the Philips video decoder chip. This function also ensures fastest possible recovery of the ACE Converter from colour breaks.

Option "L" forces the Colour Standard Lock to be normally ON by default at power-up.

This can be disabled using the normal method for enabling as described in the manual.

Option "S": Auto Input Switching - Normally ON.

For those wishing to use the Automatic Input Switching of the ACE Converter in a Home Cinema application for example it is obviously desirable that this feature is on by default.

Option "S" meets this requirement by normally providing Automatic Input Switching at power-up. This feature can be disabled when required by the normal procedure for enabling. In other words this option simply reverses the enabling logic.

Option "T": Timebase Correction Disable - Normally ON.

The automatic Timebase Correction is not always needed with stable video sources when converting between colour standards if both are 50Hz or 60Hz. However, normally if either or both of the PAL and/or NTSC buttons are depressed timebase correction is automatically applied. The standard Timebase Correction Disable setting will disable timebase correction whenever possible, giving a fixed time delay & highest possible quality but is no use with VCRs.

Option "T" is provided for cases where regular use in this mode makes it desirable that this feature is on by default so Timebase Correction is normally disabled whenever possible.

Option "Y": YUV Output on SCART - Normally ON.

For those wishing to use the SCART output setup with YUV to feed projectors or professional equipment it is advantageous to have this type of output on the SCART by default at power-up.

Option "Y" has YUV on the SCART by default instead of RGB. Otherwise the Output Type button works as normal:

Pressing this button allows you to cycle through 4 output combinations on the "S" Video Output & SCART Connectors:

The "S" Output Connector alternates between "S" and Dual Composite.

The SCART Connector RGB Pins cycle through YUV/YUV/RGB/RGB.

Overall order is: "S"+YUV / 2Comp+YUV / "S"+RGB / 2Comp+RGB.