



YCP-100 Y/C ADAPTOR

By the addition of the YCP-100 to one of the Amiga Computer's Zorro (Expansion) Slots, the Video Toaster and Flyer system is now converted to true Y/C (S-Video) in and out. The (4) four inputs are parallel with the Video Toaster Inputs. The YCP-100 offers (2) two program Y/C outputs. The preview out remains the composite video output from the Toaster.

Can composite video still be used as a input? Sure!! We have designed the YCP-100 so both can be used. The YCP-100 is configured from the factory for Y/C Inputs. To change, simply remove the computer jumper on the YCP-100 (JP1-4) before you install the card. The composite video signal is routed through the Toaster.

The YCP-100 is installed in the Amiga 2000/4000 series computers for a reason: a better picture performance! We are in complete synchronization with the Video Toaster via connecting ribbon cables.

What happens to the composite inputs to the Video Toaster? When Y/C is inputted, the corresponding composite input is now a preview composite output. This is a great addition for Toaster users who are doing A/B Roll editing or Live Switching!

Can the YCP-100 be used with the Flyer? Of course! The YCP-100 is the best picture enhancement product available. First, JP3 and JP4 must be removed from the YCP-100 because the Flyer is using number 3 and number 4 input of the Video Toaster. Please note: 2000 series computers will need a new rear connecting cable (YCP-FLYER). 4000 computer do not. The Flyer connects to a new back plate supplied by NewTek.

All this combines the system for a neat and uncomplicated workstation.

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EXCLUSIVE FAROUDJA TECHNOLOGY

◆ The **YCP-100** is the only Y/C Adaptor that utilizes the **Faroudja Laboratories** pictures improving technology!! The reason? To produce the best picture quality available. The Faroudja *Two Dimensional Digital Adaptor Comb Filter* compares **PIXEL BY PIXEL** not **LINE BY LINE** like other generic comb filters fro a sharper and more defined picture!

◆ **Dot Crawl is reduced to an absolute minimum.** After th evideo is processed through the Two Dimensional Digital Adaptor Comb Filter, it is encoded into Y/C! The video image is processed to reduce video artifacts and when it is encoded the results are the best available.

◆ **Colors are more vivid and saturated.** The YCP-100 with Faroudja's help, also improves the black levels of the Video Toaster. Better blacks offer superior color contrast and deeper colors. The Faroudja process also eliminates the busyness in the color detail. Characters generators are cleaner and more professional looking. Lightwave images are crisper and sharper!

◆ **Cross Color is improved.** Cross Color is when video artifacting of the NTSC video system creates a rainbow pattern in high detailed objects. This is seen in striped shirts or jackets.

◆ **Herringbone and wavy lines are reduced.** As non parallel converge they produce frequencies approaching the color subcarrier frequency. As this happens the color decoder splits some of the luminance information into the color information and produces a beat pattern or wavy line.