



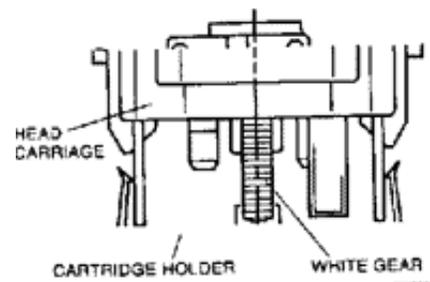
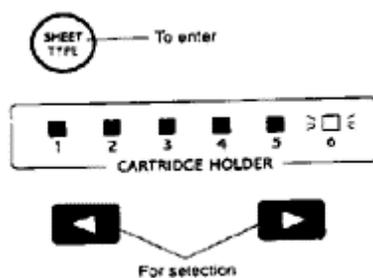
Tech Support Documents

Topic: ColorCAMM PRO PC-60

ST52500

Cartridge Position Adjustment -This is used when the print head will not pick up the cartridges correctly.

1. Remove the Top Rail Cover. (Total of 4 screws on this cover).
2. Open the Front Cover and insert a cartridge in holder #1 only.
3. Turn on the Main Power switch while pressing all three Sub-Power, Sheet Type and Base Point keys simultaneously (at this point the Piece LED will blink). This will place the machine in Factory Mode.
4. Use the Arrow Keys (<>) to select cartridge #6 on the panel display, then press the Sheet Type key to place the PC-60 in Cartridge Position Mode. *See Sample Below
5. Press the Sub-Power key (this will place the machine in Adjustment Mode). The Power LED will blink and both Piece and Roll LED's will be lit solid.
6. Close the Front Cover.
7. Move the Head Carriage with the Arrow Keys (<>) so the White gear on the head goes to the center of the Cartridge Holder and press the Sheet Type key to save the setting. The Cartridge Holder LED'S will blink from left to right.
8. Now, press the Sub Power key to return to Test Mode. During the Test Mode, Power LED will be ON and either Piece or Roll LED light will blink (depends on whether vinyl is loaded or not).
9. The machine will now perform the Cartridge Exchange Test by picking up each cartridge. Once it successfully completes the test, turn off the main power switch to end the process. If the adjustment does not work successfully, please call Roland Technical Support at 1-800-542-2307.



Cable Port Test is to verify that you have communication to your Roland hardware. If you have a vinyl sign making machine or a plotter please follow the instructions below for the cable/port test. If this test is successful your machine will plot a small circle.

1. Open a dos shell (either exit windows or click on the ms-dos prompt)
2. Get to a root directory (e.g. C:\)
3. Type "edit test"
4. You will have opened the ms-dos editor with a blank page.
5. Type the following: IN;
SP1;
PAPU5000,5000;
CI900; (If You have a plotter , Type PDCI900;)
PAPU0,0;
6. Hit your "alt key", then your "f" key, then "x" keys
7. "LOADED FILE IS NOT SAVED..." SELECT .
8. If you are testing the serial port, type: MODE COM*:96,N,8,1,P
* Denotes port number (com2 for example) if you are testing the parallel port skip to "NOTE:"
9. Make sure the roland device is on line, ready to plot
10. Then type the following: COPY TEST COM*
* Denotes port number (com2 for example)
11. The computer should respond with "1 file copied" and the roland device should be cutting/plotting a circle, thereby confirming communication.

NOTE: If you are going to copy this file to the parallel port, then the "mode" command is not necessary. you only need to input the proper lpt port that is attached to your roland device.

COPY TEST LPT1

if a failure occurs, then double check the syntax of the test file, make sure the roland device is on-line, then examine the attachments, and possibly test the cable on a different port or computer. the conflict can occur at many different points of communication.

Pre-Cleaning Vinyl for Optimum Print Quality

Using a clean cloth or lint-free dustcloth wipe isopropyl 90% rubbing alcohol or denatured alcohol on the surface of the vinyl. Allow alcohol to evaporate completely before printing.

Printing ColorCAMM PRO PC-60 System Report

- Turn on Sub-Power Switch on front panel while pressing the down arrow key.
- Load a black cartridge and close the cover. The ColorCAMM PRO will print the following. Example below:

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**** PC-60 System Report ****
      Version : Firmware= A230      Booter= B100
      Temperature : Head= 22cel      Env.= 23cel
      Record : Print= 62m           Cleaning= 0
**** Factory settings ****
      Offset : Head-X= 3step        Head-Y= 4step  Holder= -20step
      Tool Force UR : Max= 787      Min= 1
      Solenoid Current : Max= 35    Min= 350
      Grit Distance : +12
      Eccentricity : Amount= 0      Number= 0
      Head ID : C09-0021
      Density Adjust : +1 +1 +1 +1 +1 +1 +1 +1 +1 0 0 0 0 0
      : 0 0 0 -1 0 0 -1 -1 -1 -1 -1 -1 -2 -2 -2
      Stitch Adjust : Upper= +5     Lower= +5
      On Board Dip-SW : (1) XXX0 (4)
**** User settings ****
      User Dip-SW : (1) XXXXXXXXXX (10)
      Line Space : 0dct

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5. Cleaning (Print Head, Main Unit and Platen)

Cleaning the Print Head

Ordinary dust and dirt on the print head is cleaned automatically each time an ink cartridge is placed on the PC-60. If the print head needs to be more thoroughly cleaned, it can be done manually using a clean, dry cloth and the Pen Head Cleaner that is included with the unit. Follow the detailed instructions given below to clean the print head properly.

The Cleaning Pad

If the cleaning pad on the left edge of the unit's front surface is damaged, the print head may be destroyed. It may have been damaged by the blade or another method. Please contact your vendor or your nearest Roland DGA Corporation Service Center. (There is a charge for the pad replacement.)

Be sure to switch 'OFF' the PC-60 Main Power before attempting to clean the unit.

Never attempt to oil or lubricate the mechanism.

Use the Pen Head Cleaner on the head gear according to the diagram.

Cleaning the Main Unit

For routine cleaning, use a soft, dry piece of cloth and gently wipe across the bottom of the print head.

Cleaning the Platen

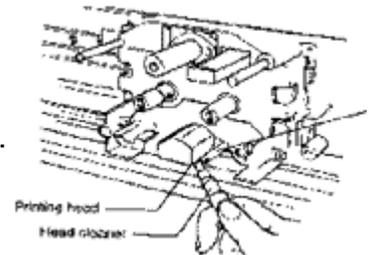
If the platen becomes soiled, wipe it clean with a dry soft cloth.

Do not use head cleaner, alcohol or any type of solvent. The

platen is the dark gray strip where the print head moves

across on top of. Use care when cleaning to avoid damaging

the surface of the platen. Printing quality may suffer if the surface of the platen is damaged.



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