

Instructional Manual Continuous Ink System for use in Epson R200/R210/R220/R300/R310/R320/R340/RX600 RX500/RX510/RX620

Before using this product, please read and follow the instructions. After opening your package, make sure to check that all the accessories shown in figures 1-1 through 1-3 below are enclosed.

Conduct Parts Check:

1. Accessories

- a. Continuous Ink System (1) b. Air breather plugs (6) c. T shape Adhesive Pad (1) d. Syringe (1)



Fig. 1-1



Fig. 1-2



Fig. 1-3

2. Set-Up Continuous Ink System (CIS)

- a. Before installation, lay out all your parts in front of your printer.
- b. Check your system for any leakage, and make sure your tubing system is tightly connected and straight.
- c. Place the CIS ink tank on the same horizontal level as printer, The ink tank has two chambers per color, the front chamber is to hold the ink and the rear chamber is to control the flowing pressure. **It is important that the rear chamber contains only a small amount of inks(as little as possible). The ink should reside in the front chamber.** Make sure the ink tank plugs are tightly closed, tilt the ink tank forward to make the majority of the ink flow into the front chamber if the rear chamber has some excess ink. (Fig. 2-1 through Fig. 2-3).
- d. Place the CIS on the right hand side of the printer as shown (Fig. 2-4) and keep it on the same level surface as the printer.
- e. Hold down the ink tank with one hand and remove the original shipping plugs as shown, make sure to save these for later use (Fig.2-5).
- f. Install the Air Breather widest end first, into the ink reservoir tank making a snug fit however make sure not to push them in to tight as it could crack the tank (Fig.2-6). Also make sure when removing the air breathers from the tank that this is also done carefully to avoid cracking the tank.

Caution: Make sure not to push the breathers too tight as it could crack the tank. Also when removing the air breathers from the tank use caution to avoid cracking.



Fig 2-1



Fig 2-2



Fig 2-3



Fig. 2-4



Fig. 2-5



Fig. 2-6

3. Cartridge Installation

- a. Turn on your printer and push the ink, cartridge replacement button on the front of the printer and the cartridge carrier should move into the replacement position. Once the carrier is in place unplug the printer from the wall. Gently move the cartridge carrier back and forth right to left in the printer assuring that it moves smoothly.
- b. Open the cartridge carrier cover ensuring that the colors correspond, push the cartridges all the way down in compartment just as you would be the original cartridges (Fig.3-1 & 3-2).



Fig. 3-1



Fig. 3-2

Installation for R340

- a. Turn on your printer and push the ink, cartridge replacement button on the front of the printer and the cartridge carrier should move into the replacement position. Once the carrier is in place unplug the printer from the wall. Gently move the cartridge carrier back and forth right to left in the printer assuring that it moves smoothly.
- b. Gently push the carriage all the way over to the left hand side of the printer. Holding the entire cartridges together insert them into the printer on the left side of the over bar and pull them out threw the right side of the bar (Fig. 3-2 & 3-3).
- c. While holding the cartridges on the right side of the bar, gently pull the cartridge carrier over to the right hand side in the cartridge installation location. Insert the cartridges into the carrier assuring that each is in the correct location and gently push them down until they snap into place (Fig. 3-3).
- d. When closing the cartridge cover, make sure the tubing isn't getting pinched or crimped.



Fig 3.1



Fig. 3.2



Fig 3.3

4. Tube Adjustment and Positioning

- a. Place the tubing line with 45° degree angle as shown (Fig. 4-1 & 4-2), and close the cartridge carrier cover.

b. Make sure the tubes are not twisted and are straight completely straight.

c. **For regular printer model :**

*** Adjust tubing between cartridge compartment and T shaped adhesive pad to correct the length; allowing enough room for the cartridge to move back and forth freely (Fig. 4-3).

*** Place the second adhesive pad on the right side of the printer and adjust the tubing line accordingly.



Fig. 4-1



Fig. 4-2



Fig. 4-3

All in one models :

*** The tubing line adjusts as shown (Fig. 4-4), allowing enough room for the cartridge to move back and forth freely.



Fig. 4-4

d. Close the cover and turn on the printer and make sure the system moves smoothly.

5. Refilling Ink

When the ink levels reach the indicator (sticker on the ink tank with red line Fig. 5-1) the ink tank has reached its low level line and needs to be refilled.

Follow these steps:

1. Gently remove the air breather plugs in order to have more filling room.
2. Remove the rubber plug from the filling hole and refill the proper color of ink into the corresponding ink tank (Fig 5-2).
3. Make sure you use the specially designed Low Foam inks for the CI System as they are specifically designed for optimal results.

NOTE: When removing the CI System, remove cartridges and put tape or a napkin over dispensing hole.

Printer and ink tank **MUST** remain at the same level (not higher and not lower).



Fig. 5-1



Fig. 5-2

Attention:

1. After installing the CI System, do not remove the cartridges unless it is necessary. If cartridges are removed, Immediately place cartridges upside down with ink exit holes facing in an upward position to avoid leaking. If cartridges are removed for more than an hour, please cover ink exit holes with tape.
2. When you are printing do not move the ink tank up or down. Keep it stable and at the same level as the printer.
3. Store at 15-35 degrees Celsius.
4. The ink and cartridge flow have been designed and tested to function as a system. We recommend you use the specially designed ink Low Foam Ink in the CIS for optimal results.

Caution:

1. Do not ingest ink and keep out of reach of children
2. Do not leave under sunlight or in extreme weather conditions
3. Do not drop ink tank or handle roughly

Thank you for purchasing the Continuous Ink System: We hope you found this manual useful.

Troubleshooting tips		
	Problem	Suggestion
1	If the ink tank is full of ink computer shows a message That the cartridges are empty. The printer keeps track of how much ink is being used and thinks that the cartridge should be empty as you will have to reset the cartridges chips.	Take out the cartridges. Turn off the printer and wait a couple of minutes. Put the cartridges back in, turn the printer on and continue printer.
2	Banding or white lines in my print outs.	There is air in the system or cartridges. Try running a couple of cleaning cycles. If white lines continue use the provided syringe to suck the air out of the bottom of the trouble cartridge and you can dump the ink that fills the syringe back into the top of the CI system.(Make sure to thoroughly rinse the syringe when completed.)
3	When I have completed a printing job the ink is siphoning down the tubing.	The shipping plugs need to be removed before installing and replaced with the air breathers to eliminate any pressure being built up in the system, along with protecting the ink from contamination. Also the ink tank should be sitting on the same level surface as the CI system. If the air breathers are covered with dried ink, you can rinse the air breather and dry thoroughly to regain use.
4	The tubing is getting caught inside the printer resulting in an error message "paper loading error" .	If the tubing not adjusted correctly, if it's to short or to long causing it to slap the inside of the printer, Please adjust.
5	After refilling the tanks the printer won't print	If the ink is dumped into the system to quickly then it allows air to enter the system. Use the provide syringe to extract ink and air from the bottom of the cartridges. The ink that fills the syringe can be slowly dumped back into the top of the ink tank.
6	After installing the CI system the printer isn't recognizing some of the cartridges.	Remove the cartridges, turn off the printer and reinstall the cartridges. Then you can continue printing.
	If you are still unable to fix the problem call your dealer for support.	