Operator's Manual
(Excerpt)

COLORTRONIX LLC

ADELPHI Key-Link System

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Where to Get Help

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Introduction

Before You Begin

Please take a few minutes to read through this manual to get a better understanding of the Adelphi Key-Link system. Complete installation and demonstration of the system will be performed by a Colortronix engineer.

Purpose of this Manual

The purpose of this manual is to provide step-by-step instructions to help you:

- View files and press operations
- Set up the press and file format
- Adjust the fountains
- Adjust the curves
- Display a file
- Send and save a file to the press

User interface screens are provided to illustrate how to perform these basic tasks.

Product Overview

Networking: The Adelphi Key-Link system makes it possible to network most offset printing presses (old, new, web, or sheetfed) directly to any Computer-To-Plate system (CTP). By implementing networking capabilities, Adelphi's specially designed Key-Link software is able to present your fountains with the actual ink key data from the plates generated by your CTP system.

Color Rotation: Whether you use a standard color rotation or change the color order for every job, you enjoy the freedom to alter the settings easily — anytime — to provide the exact rotation order the press run requires. Each press stores its own default color order, which can be changed easily, while still keeping its default color order in system memory.

Database: The Adelphi Key-Link system automatically creates and maintains a database of all job files, replacing them with **Color OK** data whenever necessary. This database can be viewed and individual jobs selected at any time.

Press Consoles

Custom designed Adelphi network modules work with most major manufacturers' presses. Some of the consoles we have networked include:

Mitsubishi	Planeta	GMI-Micro color
KBA	Shinohara	EPG
Komori	Heidelberg	Eltromat
Harris	Zircon	Inkflow
Akiyama	Perretta Graphics	

Our Key-Link software package does electronic "fingerprinting" of each press for high-quality, high-resolution, consistent presets every time a job is run.

Getting Started

How It Works   The Adelphi Key-Link System consists of the following components, as highlighted in **Figure 1** below.

- Computer with Key-Link software
- Adelphi Network Module

The **Adelphi Network Module** is a custom designed "black box" that enables most presses to be networked directly to the **Computer-to-Plate system** (CTP). The black box contains an eStrip, eTape, eCard, or eFloppy conversion media. The type of conversion media depends on the type of press you operate. The Key-Link software converts CIP or PPF files into press-format files and automatically presets the ink fountains with the plates' ink coverage data. This saves substantially on paper, ink, and press time.
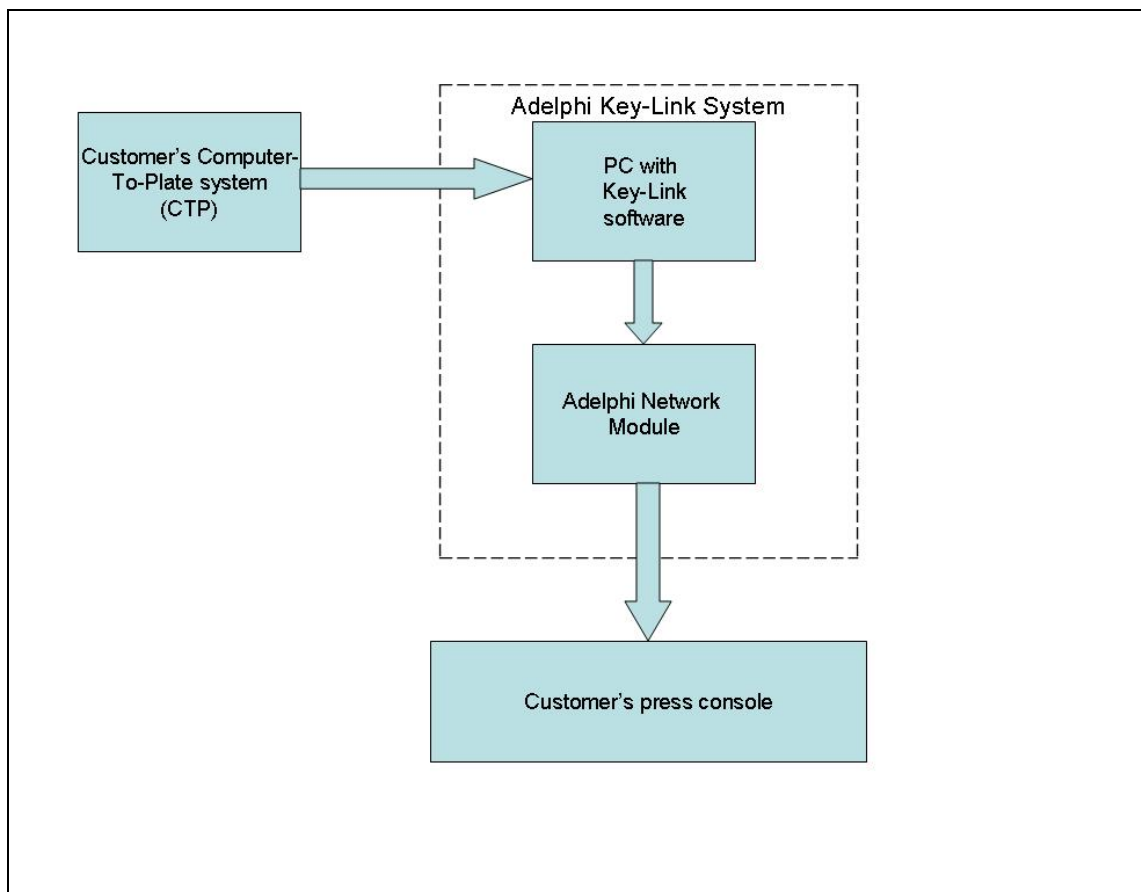
Key-Link System Flowchart

Figure 1: Components of the Adelphi Key-Link System

Viewing Files & Press Operations, Sheetfed Press

Main Screen, Sheetfed Press

The main screen (**Fig. 2**) provides information about file paths and press monitoring. At this screen you can also set up press and file formats, adjust fountains, adjust curves, display a file, send a file to the press, and save a file.
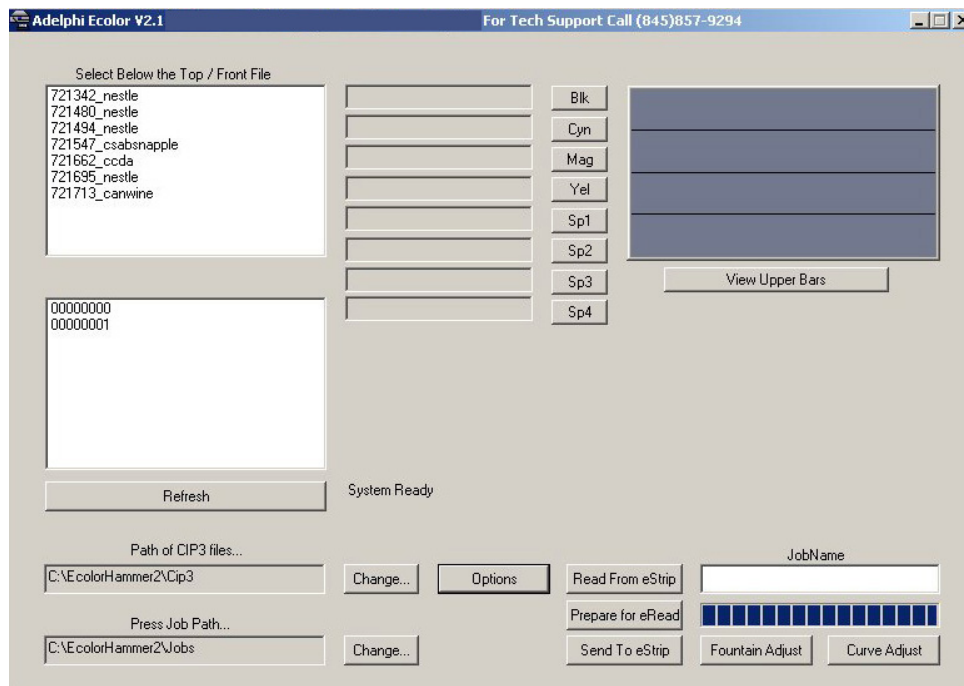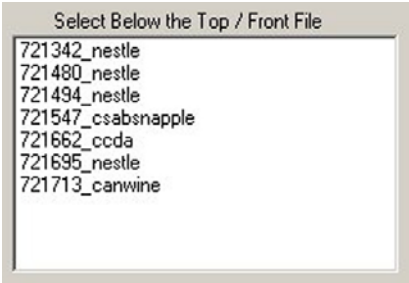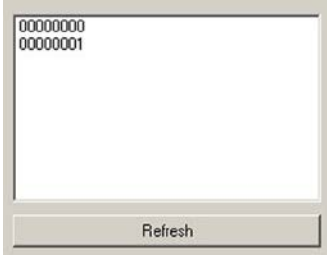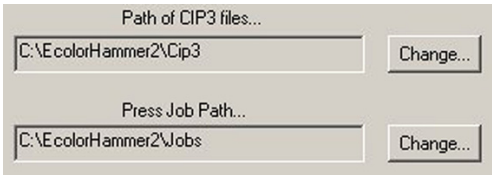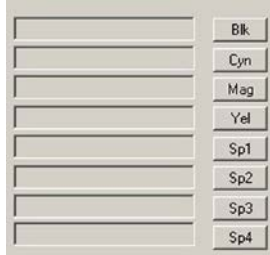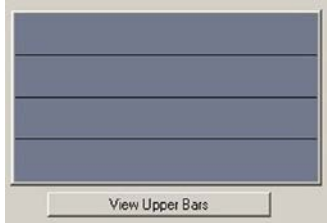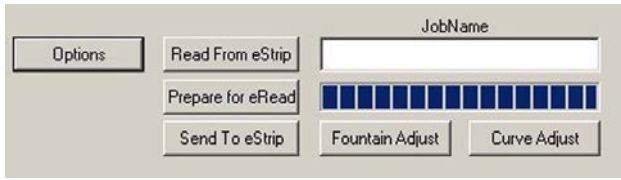

Figure 2: Main Screen, Sheetfed Press

Parts of the Main Screen, Sheetfed Press

EXAMPLE	TASK / DESCRIPTION
Pre-Press Files	**Viewing CIP or PPF Files** ▪ Network path to pre-press files set by a Colortronix engineer or your company's IT personnel. **List of pre-press files — CIP or PPF** ▪ A scroll bar appears on the right side of the window if the list of files is larger than the screen.

►

Viewing Files & Press Operations, Sheetfed Press *(continued)*

Parts of the Main Screen, Sheetfed Press (cont.)

EXAMPLE	TASK / DESCRIPTION
Repeated Files 00000000 00000001 Refresh	**Viewing Saved Files** ▪ List of repeated jobs — the standard local hard drive jobs folder. ▪ Click **Refresh** to update the files in the listing. *Note:* The system does not automatically update the files when the program is running. A scroll bar appears on the right side of the window if the list of files is larger than the screen.
File Paths Path of CIP3 files... C:\EcolorHammer2\Cip3 Change... Press Job Path... C:\EcolorHammer2\Jobs Change...	**Viewing File Paths** ▪ Displays the path to CIP or PPF files. ▪ Displays the path to Saved Jobs on your press. ▪ Click **Change** to change file path.
Ink Color and Rotation Blk Cyn Mag Yel Sp1 Sp2 Sp3 Sp4	**Viewing the Ink Color and Rotation Window** ▪ Adjust the fountain data of the four process colors (Black, Cyan, Magenta, Yellow) and one special color. ▪ Refer to the "Fountain Adjust" section and the "Displaying a File" section for detailed information.
Ink Distribution View Upper Bars	**Viewing the Ink Distribution in the Press** ▪ Click **View Upper Bars** to alternate the color views. ▪ Refer to the "Displaying a File" section for detailed information.
Press Operations Options Read From eStrip JobName Prepare for eRead Send To eStrip Fountain Adjust Curve Adjust	**Adjusting the Press** ▪ Click **Options** to set up press and file format. ▪ Click **Fountain Adjust** to set fountain levels. ▪ Click **Curve Adjust** to adjust curves. ▪ Refer to the "Setting Up Press and File Format" section and the "Adjusting the Fountains and Curves" section for detailed information. **Sending and Saving a File** ▪ Click **Read From** or **Send To** to send and save files to the press and saved file location. ▪ Refer to the "Saving a File" section for detailed information.