

Debitek Copier Controller System Installation Manual

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General Description

The Debitek Copier Controller System is a card access vend controller for copiers, computer printers, microfiche reader/printers, and fax machines. Depending on the type of card reader, the controller can accept most types of cards as a payment method for copier operation, including magnetic stripe and "smart cards."

When a user inserts or swipes a valid card, the available balance is displayed, the copier is enabled and normal operation is allowed. As copies are made, the cost is deducted from the working balance. When the session is complete, the new balance is either written to the card or deducted from the user's account.

In addition to the convenience of card access, the system provides accurate sales audit trail information, security and low maintenance.

Specifications

Type	Card access vending control terminal
Compatibility	Interfaces available for most copiers, microfiche reader/printers and laser printers.
Dimensions	5"(w) x 5"(h) x 8"(d)
Weight	9 pounds
Power requirements	90-125 VAC 50/60 Hz @<1A
Mounting options	Table top, or directly to copier

Mounting the Copier Debit Card Terminal

Mounting Options

Freestanding - No mounting hardware is required if placed on a level surface.

Standard Mounting Brackets - Brackets designed to securely attach the Copier Debit Card Terminal to a horizontal surface (such as a table or a shelf). Standard Mounting Brackets are sold separately.

Standard Mounting Brackets Installation

Items required for this option:

- Standard Mounting Brackets ("L" brackets)
- Copier Debit Card Terminal
- Adequate hardware for attaching brackets to mounting surface
- #10 Torx driver
- Select a convenient location where the copier debit card terminal can be easily accessed (e.g., a table top or shelf next to the machine).

- Remove the four (4) screws attaching the cover of the copier debit card terminal to the baseplate (two on each side of the copier debit card terminal, **not** the ones on the rear).
- Attach one mounting bracket to each side of the copier debit card terminal, using the screws removed in Step 2.
- Mount the copier debit card terminal to the desired surface using adequate hardware.
- Connect the power cord to the copier debit card terminal.

NOTE: See next section for interface cable installation.

Copier Interface Cable Installation

Items required:

- Copier Debit Card Terminal (with power cord)
- Copier Interface Cable

CAUTION! Procedures related to installation of the Copier Interface Cable are intended solely for those persons technically qualified on the copier to which this device is being attached. Refer to the appropriate copier technical documentation for any additional information.

- Turn off and unplug the copier.
- Locate the "key counter" plug on the copier.
- Remove the jumper plug (if installed).
- Connect the appropriate Copier Interface Cable plug(s) to the key counter plug(s) on the copier.
- Carefully route and fasten the cable using the hardware included.
- Connect and secure the 25 pin Copier Interface Cable plug to the 25 pin receptacle on the copier debit card terminal (if not previously connected).
- Connect the power cord to the copier debit card terminal (if not previously connected).

Configuration and Programming

Configuration Steps

Items required:

- Debittek Users Manual
- Debittek Data Collector
- Debittek Cash Value Card

Notes:

- Complete configuration steps first, then programming steps.
- Remember to download any reports stored in the system before you begin.
- Only mandatory steps are included below. See Debittek Users Manual for additional information.
- Plug copier debit card terminal into an AC outlet.
- Connect Data Collector to the 9-pin plug on the rear of the copier debit card terminal.
- Press [ON/CLEAR]; wait for main menu to appear.
- Press [C]; wait for configuration menu to appear.
- Press [U]; 'UNIT FAMILY:' will appear.
- Select 'COPIER MACHINE', USE [/ \ \ /].
- Press [EXE]; 'UNIT TYPE:' will appear.
- Select 'COPIER 1', use [/ \ \ /].
- Press [EXE]; 'EXIT DELAY' will appear.
- Type in the exit delay. The exit delay determines the time that the controller counts copy pulses after the return button is pressed, and is variable from 0 - 9.9 seconds. This is intended to account for copies in transit after the copier is disabled. The delay should be long enough to prevent free copies but not to the point of inconveniencing the user.
- Press [EXE]; 'CARD MAXIMUM' will appear.
- Type in the maximum card value accepted at this terminal.
- Press [EXE]; the configuration menu will appear.
- Press [S]; 'NUMBER OF SITES:' will appear.
- Type in the number of different sitecodes accepted by this terminal.
- Press [EXE]; 'SITECODE xx:' will appear.
- Type in the sitecode.
- Press [EXE]; 'DISCOUNT LEVEL xx:' will appear.
- Type in the discount level for the sitecode entered in Step 17.
- Press [EXE].
- Repeat Steps 16-20 for all the sitecodes.
- Press [ON/CLEAR]; the configuration menu will appear.
- Press [ON/CLEAR]; 'SEND NEW DATA?' will appear.
- Press [Y].

Programming Steps

NOTE: If Configuration Steps (previous section) were just completed, go to Step 4.

- Plug copier debit card terminal into an AC outlet.
- Connect the data collector to the 9-pin plug on the rear of the copier debit card terminal.
- Press [ON/CLEAR]; wait for the main menu to appear.
- Press [P]; wait for the programming menu to appear.
- Press [P]; 'PRICE 1:' will appear.
- Type in the copy price.
- Press [EXE].
- Press [ON/CLEAR]; the programming menu will appear.
- Press [ON/CLEAR]; 'SEND NEW DATA?' will appear.
- Press [Y]; wait for main menu to appear.
- Press [O].
- Disconnect the data collector.

Checking System Operation

- Plug in and turn on the copier. The copier should be disabled; if not, verify copier interface cable connections.
- Insert (swipe) a valid card. The copier should be enabled and the card (users) balance should appear on the copier debit card terminal display. If not, see the Debittek Users Manual.
- Operate the copier normally and verify that the card value displayed is reduced by the programmed price after each copy. If not, verify copier interface cable connections.
- Press the RETURN button on the copier debit card terminal to retrieve the card.

CAUTION: Do not remove power from the copier debit card terminal while the card is in the card transport. Doing so will invalidate the card. Revalidation will then be required in order to use the card again.