

JetSort[®] interface

Model 1606 to JetScan[®] or JetCount[®]

Operating instructions



Introduction

The JetSort® model 1606 can be interfaced with a JetScan® Single-Pocket and Dual-Pocket currency scanner or a JetCount® currency counter. The JetSort acts as the host to the JetScan or JetCount and can display and print machine totals, depending on how these functions are programmed through setup.

This document explains the interface between the JetSort and the JetScan and JetCount as well as basic functions when these machines operate together. For complete information about JetSort, JetScan or JetCount operations, see the following documents.

Machine Type and Model	Operating Instructions	Operating Instructions Part Number
JetSort , Model 1606	JetSort 1000 Series Coin Sorter	022-7240-00
JetScan Single-Pocket Models 4062 and higher	JetScan Single Pocket Currency Scanner	022-7120-00
JetScan Two-Pocket Models	JetScan Two-Pocket Currency Scanner	022-7221-00
JetCount Models 4020 and higher	JetCount Currency Counter	022-7200-00



JetSort (center) interfaced with a JetScan (left) and printer

Setup

Setup Mode Function Keys



Key functions change when in *Setup Mode*. Note the following key functions while navigating through the setup screens.

JetSort Function Keys

Key Names	Function Description
Start S/Bat	Scroll Forward: With cursor on top line, scrolls forward through menu screens. With cursor on bottom line, scrolls forward through selection options.
Start Batch	Scroll Backward: With cursor on top line, scrolls backward through menu screens. With cursor on bottom line, scrolls backward through selection options.
Print	Next Line – moves cursor from top to bottom menu line and vice versa.
Totals	Option Forward Key – scrolls through menu options so user can make or change a selection
Denom	Option Backward Key – scrolls through menu options so user can make or change a selection
Clear	Exit <i>Setup Mode</i> .

JetScan and JetCount Function Keys

Key Names	Function Description
Key 15	Press and hold (three to five seconds) for <i>SETUP</i> menu.
Key 5	Scroll Forward – Scrolls forward through menu screens.
Key 4	Scroll Backward – Scrolls backward through menu screens.
Key 3	Enter <i>OPTIONS</i> menu for specific option selections.
Key 13	Option Backward Key – scrolls through menu options so user can make or change a selection
Key 14	Option Forward Key – scrolls through menu options so user can make or change a selection
Key 6	Exit <i>OPTIONS</i> menu.
Key 7	Exit <i>Setup Mode</i> .

Connecting Your JetSort



Install Software Kit 2 and Kit 4 before connecting the JetScan (model 4062 and higher) or JetCount (model 4020 or higher).

JetScan and JetCount **Bilcnt** must be set to **AUTO** or **DEMND**.

Program JetSort to Operate with JetScan or JetCount

To set bill count and print features:

1. From the **SETUP** menu, advance to the **BILCNT** menu.
2. Press **PRINT** to move the cursor to the bottom menu line.
3. Press **TOTALS** or **DENOM** to scroll to the desired setting:

Auto – Note totals appear after each sub-batch is ended.

Dmnd – Note totals appear only when **MEDIA** is pressed.

→ Bilcnt	Prnt:
Auto	All

4. Press **START S/BAT** to move the cursor to the **Prnt** option.
5. Press **TOTALS** or **DENOM** to scroll to the desired setting:
6. **All** – prints totals by denomination of processed currency.
7. **Total** – prints total of processed currency.
8. Press **CLEAR** to exit or continue to the next menu option by pressing **PRINT**, then **START S/BAT**.
9. Press **PRINT** to exit **OPTIONS** menu.
10. Press **START S/BAT** to scroll to the **PORT 1** menu.

Set Peripheral Device, Baud Rate, Stop Bits and Parity

JetSort has four communication ports. In order to connect a JetScan or JetCount, baud rate, stop bits and parity must be set. The exact settings for baud rate, stop bits and parity are irrelevant as long as the JetSort settings match the JetScan or JetCount settings.

Peripheral Device	Device Options	Baud Rate Options	Stop Bits/Parity Options
JetScan	JtS	600 1200	7, NP 7, Evn
JetCount	JtC	2400 4800	7, Odd 8, NP
JetSort	JETSORT	9600	8, Evn 8, Odd

Set JetSort Communication Ports

1. Press **PRINT** to move the cursor to the bottom menu line.
2. Press **TOTALS** to scroll to peripheral type: JtS (JetScan) or JtC (JetCount). For more information about other peripheral types, see the [JetSort 1000 Series Coin Sorter Operating Instructions](#).
3. Press **START S/BAT** to advance to Baud Rate options.
4. Press **TOTALS** to scroll to correct Baud Rate (see table above).
5. Press **START S/BAT** to advance to Stop Bits and Parity options.
6. Press **TOTALS** to scroll to correct Stop Bits and Parity (see table above).
7. Press **CLEAR** to exit.
8. Connect cable to the programmed port.

→ PORT 1	SETUP:
JtC	2400, 7, NP

Set JetScan or JetCount Communication Ports

To set port to match JetSort baud rate, stop bits and parity.

1. Press and hold key **15**.
2. Press key **3** for the **SETUP** menu.
3. Press key **5** until **PORT 1 STATUS** menu is reached.
4. Press key **3** to bring the arrow prompt to the setting filed.
5. Press key **13** to select the desired peripheral: JetSort.
6. Press **5** to move the arrow to the next field.
7. Repeat steps 5 and 6 to set **Baud Rate, Stop Bits and Parity** (see table on previous page).
8. After setting the desired modes, press key **6** to exit **OPTIONS** menu then key **7** to exit **SETUP** menu.
9. Connect Cables.

Denomination	Sub Batch	Strap Count
7) PORT 1 STATUS		
→ JETSORT	2400	7 NP
Mode	Batch	Strap Limit

How to Use

Batch Processing

Start Batch with JetSort and JetScan

1. Pour coins from lift tray into coin hopper.
2. On the JetSort, press **START BATCH**.
3. On the JetScan, select a currency Operating Mode (Count, Sort or Mixed).
4. Place currency in the JetScan hopper.
5. JetScan will automatically begin processing currency and will stop to display prompts, depending on which Operating Mode is chosen.
6. The JetSort displays **<ENTER>** and the amount of currency processed.

TOT	10.00
COMPLETE	<ENTER>

7. Press **ENTER** to accept the currency total and display the total amount of coins and currency processed.

R&C	\$	23.48
Batch Waiting		

8. Press **CONT** to continue processing coins/currency or press **END** to finish.

R&C	\$	23.48
Batch Ended		

Retrieve JetScan Information (Single Pocket)

JetSort displays running totals for all coins and currency while in the **Batch Waiting** condition. Press individual denomination keys from the JetSort Batch Waiting screen to view values for each denomination.

To display totals on the JetScan Single-Pocket, use the following steps:

1. Press **DENOM** on JetScan to display totals for individual denominations.
2. Press **UNIT** on JetScan to alternate between total bill counts, total dollar values, denomination counts and values, and strap limit counts and values.

Retrieve JetScan Information (Two Pocket)

To display totals on the JetScan Two-Pocket, use the following steps:

1. Press **MENU** on JetScan touch screen.
2. Press **BATCH** to display totals.

Strap Limits – JetScan

When JetScan operates in Stranger, Sort and Count Modes, JetSort displays Strap Limit messages when denomination counts exceed set limits for a denomination. Strap limits are programmed through the JetScan **SETUP** menu. For more information, see the [JetScan Single-Pocket Operating Instructions](#) or [JetScan Two-Pocket Operating Instructions](#).

Strap Limits – JetCount

JetSort contains the function to enter values for Programmable Strap Stops (PSS). When activated, the JetSort PSS function will override the JetCount strap settings.

To activate PSS settings on the JetSort:

1. Press **LIMITS**.
2. Press **DENOM** to select the desired denomination.
3. Using the numeric keypad, enter the strap-limit value.
4. Press **ENTER** to save the setting or **CLEAR** to re-enter the limit.
5. Press **LIMITS** twice to exit and return to a Batch Ended condition.

PSS	100
Strap For:	\$5



PSS limits are not saved in JetSort memory.

Manually Enter Currency/Data



To manually enter currency through the JetSort, enable “Currency” in the JetSort **SETUP** menu. For more information, see [JetSort 1000 Series Coin Sorter Operating Instructions](#).

1. Press **START BATCH**.
2. Enter the currency amount on the numeric keypad. Press **ENTER**. The currency amount is displayed on the JetSort screen.
3. Press **ENTER** a second time to save totals and return to the Batch Waiting condition.

Correcting Manually Entered Currency/Data

If an incorrect value is entered on the keypad, but **ENTER** has not yet been selected, press **CLEAR** and re-enter the correct value. If an incorrect value is entered and **ENTER** has been selected, an adjustment amount must be entered.

To make an adjustment to a media balance, enter on the numeric keypad the amount which must be adjusted (added or subtracted from the amount previously entered). To add the adjustment amount to the media total, press Enter. To subtract the adjustment amount from the media total, press “ - “.

Press Enter to record the media value and return to the **Batch Waiting** condition.

Add to JetScan Totals through JetSort

1. From the **Batch Waiting** condition, press **MEDIA**.
2. Press **DENOM** to select the desired denomination.
3. Enter the total units for the desired denomination on the numeric keypad. For example, seven \$10 notes are entered as 7.
4. Press **ENTER**.
5. Press **DENOM** to cycle through the denomination screens until the following screen appears:

TOT	70.00
COMPLETE	<ENTER>

6. To add notes to any entry, repeat steps two through seven.
7. Press **ENTER** to save new totals and return to **Batch Waiting** condition.

Subtract from JetScan Totals through JetSort

1. From the **Batch Waiting** condition, press **MEDIA**.
2. Press **DENOM** to select the desired denomination.
3. Press **CLEAR**. JetSort will clear counts of the selected denomination.
4. Press **DENOM** to cycle through the denomination screens until the following screen appears:

TOT	13.48
COMPLETE	<ENTER>

5. Press **ENTER** to save new totals and return to **Batch Waiting** condition.

Printing Reports

JetSort Batch Reports will display individual or combined currency counts and values based on **PRINT FORMAT (1)** and **PRINT FORMAT (2)** settings selected through JetSort setup. Additional reports through the JetScan or JetCount interface vary depending on the options selected through setup.

For more information, see machine operating instructions. Part numbers for operating instructions are listed on page 3 under [Introduction](#).



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