



Accounting System Settings Guide

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Introduction

With the increasing popularity of office networks, it has become very common for multiple users to share a single printer or multi-function product. This has made it much easier for users to obtain printouts, but they then faced the problem of increasingly large amounts of printouts. To offset this situation, operation management tools known as accounting systems were created for such purposes as keeping track of total pages printed by each printer user, and settings upper limits on the printed page number totals.

An accounting system manages the number of printed pages separately for each printing account, thus allowing billing management and instructions on reducing the number of printed pages to be handled efficiently. As a result, user awareness of costs and the environment is improved, making it possible to reduce the amount of paper used.

The accounting system is managed using account codes that are set by the administrator for each account.

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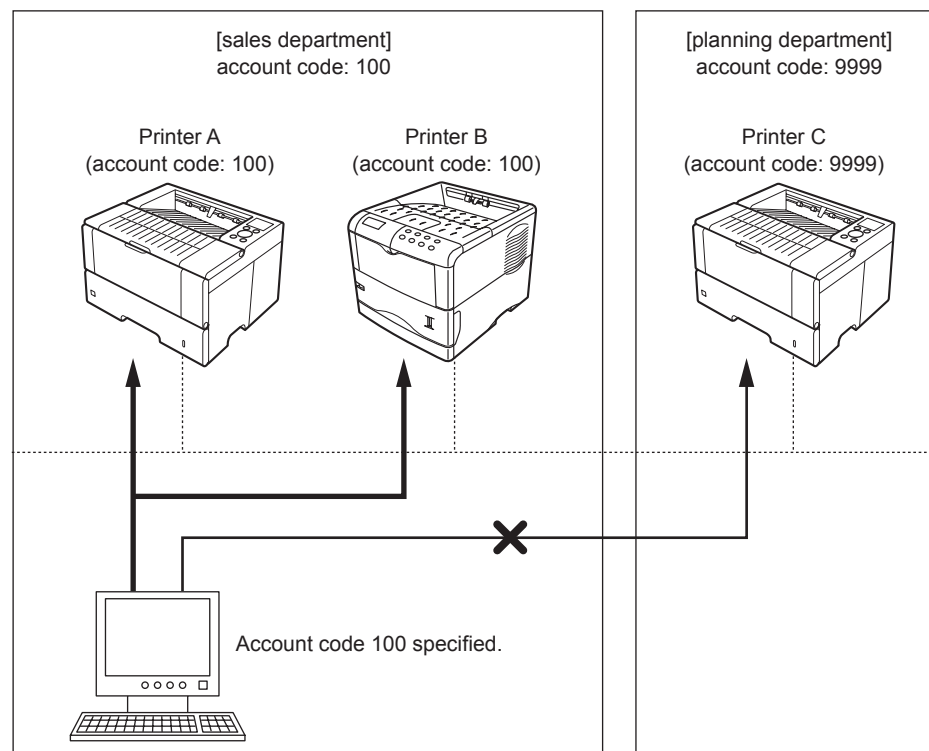
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Chapter 1 Overview of the Accounting System

Accounts or users that may use the printer can be limited by registering account codes in advance. The amount of paper used by each registered account code can be tracked, so it is easy to manage separately billing and the amount of paper used by each account.

An account code must first be registered to the printer in order to operate the system. In addition, an account code is selected to start printing so that the printer can separately store the number of printed pages used by each account.

A printer with a registered account code can only print data from PCs that specify the same account code. For example, as shown in the figure, printers A and B in the sales department are set to account code 100 and can only print data from computers in the sales department that specify account code 100. These computers cannot output data to printers in the planning department since their account code is set as 9999, even though they are connected to the same network. In addition, printers with a set account code cannot print data unless an account code is specified.



Chapter 2 Setting Up the Accounting System

This chapter describes the accounting system menus and how to set them up.

There are two ways to set up the accounting system.

- Enter settings through the printer operator panel
- Enter settings by inputting the PRESCRIBE commands



Note

Most functions and commands operate the same way on all models. However, some functions and commands are not relevant to certain specific models.

Administration IDs

An administration ID is required to control the accounting system.

An administration ID is a 15-digit number. The default setting is the printer model number followed by a string of zeros (e.g., 602000000000000 for the FS-6020). The administration ID can be changed to any number. (Refer to **Change Administration ID** on page 11.)

Write down the administration ID and keep it in a safe place so that you do not forget it.

2-1 Accounting System Menus

The accounting system has the following menus.

Account Management ON/OFF

Account Management must be set to On in order to use the accounting system.

Add Account

Adds a new account code that is permitted to use the printer.

Delete Account

Deletes a previously registered account code.

Change Admin. ID

Changes the administration ID.

Print Account Management List

Prints out accounting system settings (e.g., number of printed pages) for each registered account code.

Select Account

Selects an account code whose counter display and maximum number of copies are to be initialized.

Counter

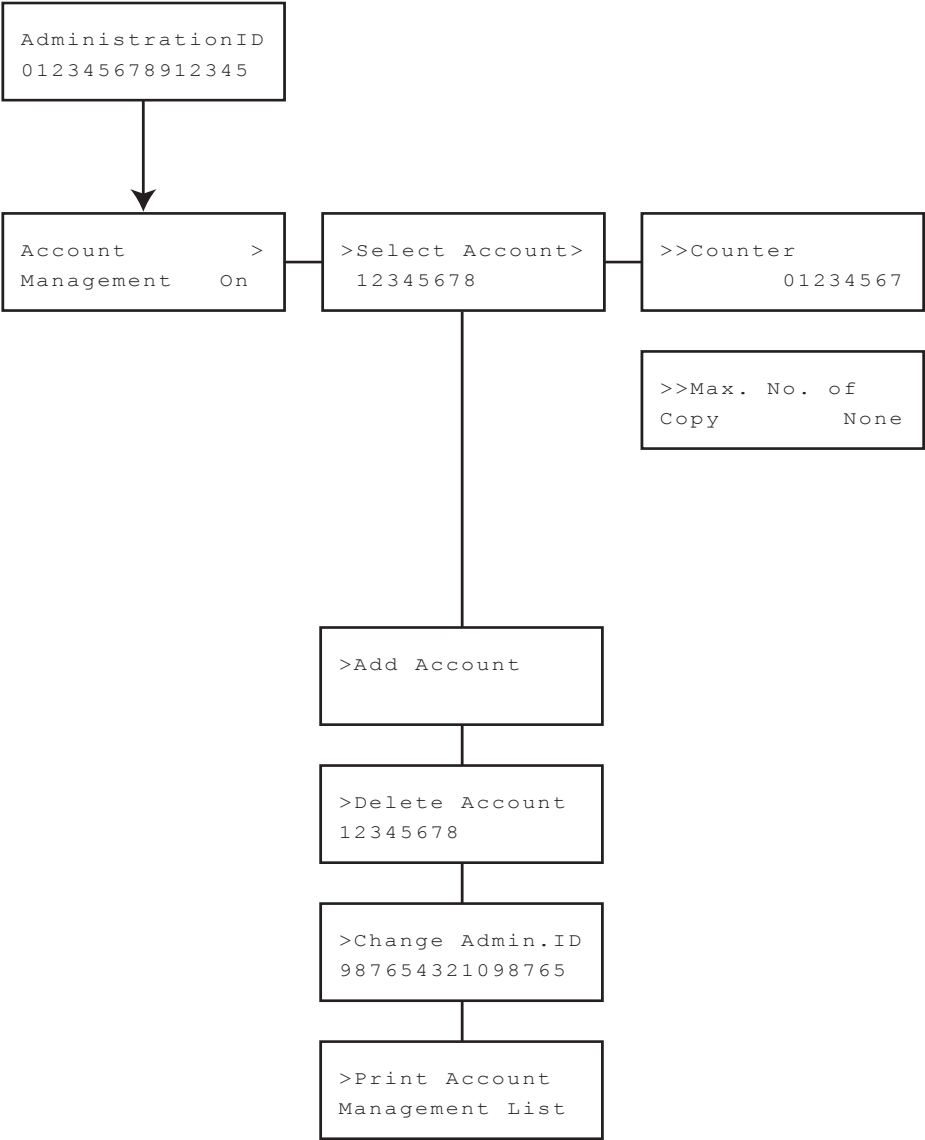
Displays the number of printed pages for the selected account.

Max. No. of Copy

Sets the maximum number of copies allowed each registered account. If an attempt is made to print in excess of the maximum copy limit, an error message is displayed at the operator panel and the print job is cancelled.

The following diagram illustrates the accounting system menu structure.

Menu structure



2-2 Entering Settings through the Printer Operator Panel

This section describes how to enter accounting system settings through the printer operator panel. Basic operations are the same as those for the printer mode menu.

Set Account Management ON/OFF

Sets account management ON/OFF. The default setting here is OFF.

- 1 Make sure Ready is displayed on the operator panel.

```
Ready
```

- 2 Press **[MENU]** while holding down **[ENTER]**. AdministrationID ■■■■■■■■■■■■■■■■■■ appears on the operator panel.

```
AdministrationID
■■■■■■■■■■■■■■■■■■
```

- 3 Press **[▲]** or **[▼]**. 0 appears at the far left position and the cursor blinks.

```
AdministrationID
0■■■■■■■■■■■■■■■■■■
```

- 4 Press **[▲]** or **[▼]** to enter a number (0 through 9).

```
AdministrationID
6■■■■■■■■■■■■■■■■■■
```

- 5 Press **[▶]**. The number is entered and the cursor auto moves to the next right position. Repeat step 4 and this step at each position to enter all 15 digits of the administration ID.

```
AdministrationID
602000000000000
```

- 6 Press **[ENTER]**. Account Management Off appears on the operator panel.

```
Account      >
Management  Off
```

- 7 Press [**ENTER**] again. ? blinks on the operator panel.

```
Account      >  
Management ? Off
```

- 8 Press [**▲**] or [**▼**] to change the setting to On, then press [**ENTER**]. Account Management is now set to On.

```
Account      >  
Management ? On
```

- 9 Press [**MENU**]. Ready is displayed again on the operator panel.

```
Ready
```



Note

- If Sleeping (sleep mode) appears on the operator panel, press [**GO**]. After a while, the display changes to Ready.
- If the accounting menu is open without any key input for approximately 60 seconds, the printer display is automatically restored to Ready.
- The accounting system cannot be used without registering a managed account. An account code must be registered in order to set up the accounting system.

If you enter the wrong number

If you enter the wrong number, delete the incorrect entry and enter the correct one. To do this, move the cursor one space to the right of the entry you want to delete, then press [**◀**]. The entry is deleted and the cursor moves one space to the left. A black square (■) appears in the space where the entry was deleted.

To delete all inputs entered, press [**CANCEL**]. When you press [**CANCEL**], all entered digits are deleted and replaced by black squares (■), and the cursor moves to the far left.

Add Account Code

Adds an account code that is permitted to use the printer. An account code must be registered in advance in order to use the accounting system.

Account codes are numbers of up to eight digits in length. As many as 100 account codes can be registered.



Note

If one account code contains the same numbers as another account code but has a different number of digits, then it is registered as a separate account code.

For example, 1 and 001 are registered as separate account codes.

- 1 Display Account Management on the operator panel to access the accounting system menu. (Refer to **Set Account Management ON/OFF** on page 8.)

- 2 Press [▶]. Select Account appears on the operator panel.

```
>Select Account>  
00000000
```

- 3 Press [▲] or [▼] to display Add Account.

```
>Add Account
```

- 4 Press [ENTER]. The cursor blinks on the operator panel.

```
>Add Account  
|  
|  
|  
|
```

- 5 Press [▲] or [▼] to enter a number (0 through 9).

```
>Add Account  
1
```

- 6 Press [▶]. The number is entered and the cursor auto moves to the next right position. Repeat step 5 and this step at each position to enter the account code (up to 8 digits).

```
>Add Account  
12345678
```

- 7 Press [ENTER]. The account code is registered and Account Management appears on the operator panel.

```
Account      >  
Management  On
```

- 8 To add another account code, repeat steps 2 through 7.

- 9 Press [MENU]. Ready is displayed again on the operator panel.

```
Ready
```

Delete Account Code

Deletes a registered account code.

- 1 Display `Account Management` on the operator panel to access the accounting system menu. (Refer to **Set Account Management ON/OFF** on page 8.)
- 2 Press `[▶]`. `Select Account` appears on the operator panel.

```
>Select Account>
12345678
```

- 3 Press `[▲]` or `[▼]` to display `Delete Account`.

```
>Delete Account
12345678
```

- 4 Press `[ENTER]`. `?` blinks on the operator panel.

```
>Delete Account
|
|?|12345678
|
```

- 5 Press `[▲]` or `[▼]` to select the account code you want to delete.
- 6 Press `[ENTER]`. The selected account code is deleted and `Account Management` appears on the operator panel.

```
Account      >
Management   On
```

- 7 To delete another account code, repeat steps 2 through 6.
- 8 Press `[MENU]`. `Ready` is displayed again on the operator panel.

```
Ready
```

Change Administration ID

Changes the set administration ID. Default administration ID is set as the printer's model number followed by a string of zeros.

(Example: 6020000000000000 for model FS-6020)

- 1 Display `Account Management` on the operator panel to access the accounting system menu. (Refer to **Set Account Management ON/OFF** on page 8.)
- 2 Press `[▶]`. `Select Account` appears on the operator panel.

```
>Select Account>
12345678
```

- 3 Press [▲] or [▼] to display Change Admin. ID.

```
>Change Admin.ID
■■■■■■■■■■■■■■■■■■■■
```

- 4 Press [ENTER]. The cursor blinks on the operator panel.

```
>Change Admin.ID
|■■■■■■■■■■■■■■■■■■■■
|
```

- 5 Enter the first digit of the new account code. Press [▲] or [▼] to enter a number (0 through 9).

```
>Change Admin.ID
1■■■■■■■■■■■■■■■■■■■■
```

- 6 Press [▶]. The number is entered and the cursor auto moves to the next right position. Repeat step 5 and this step at each position to enter all 15 digits of the new administration ID.

```
>Change Admin.ID
123456789012345
```

- 7 Press [ENTER]. OK? appears on the operator panel.

```
OK?
123456789012345
```

- 8 Make sure the entered administration ID is correct, then press [ENTER]. The administration ID is changed and Account Management On appears on the operator panel.

```
Account      >
Management   On
```

- 9 Press [MENU]. Ready is displayed again on the operator panel.

```
Ready
```

Print Account Management List

Prints out the number of printed pages and the maximum number of copy for each registered accounts code as well as the accounting system settings and other related information.

- 1 Display Account Management on the operator panel to access the accounting system menu. (Refer to **Set Account Management ON/OFF** on page 8.)
- 2 Press [▶]. Select Account appears on the operator panel.

```
>Select Account>
12345678
```

- 3 Press [▲] or [▼] to display Print Account Management List.

```
>Print Account
Management List
```

- 4 Press [ENTER]. ? appears on the operator panel.

```
>Print Account
Management List?
```

- 5 Press [ENTER]. The account management list is printed.

Display Number of Printed Pages

Displays the number of printed pages for the selected account.

- 1 Display Account Management on the operator panel to access the accounting system menu. (Refer to **Set Account Management ON/OFF** on page 8.)
- 2 Press [▶]. Select Account appears on the operator panel.

```
>Select Account>
12345678
```

- 3 Press [ENTER]. ? blinks on the operator panel.

```
>Select Account>
|?12345678
|
```

- 4 Press [▲] or [▼] to select the account code whose printed pages you want to check, then press [ENTER]. The account code is entered.

- 5 Press [▶], then press [▲] or [▼] to display Counter. The number of printed pages for the selected account code is displayed.

```
>>Counter
000035
```

- 6 Press [MENU]. Ready is displayed again on the operator panel.

```
Ready
```

Set Maximum Number of Copies

Sets the maximum number of copy for each registered account. If an attempt is made to print in excess of the maximum number of copy, an error message is displayed on the operator panel and the print job is cancelled.

Maximum can be set up to 9,999,999 copy pages.

- 1 Display Account Management on the operator panel to access the accounting system menu. (Refer to **Set Account Management ON/OFF** on page 8.)
- 2 Press [▶]. Select Account appears on the operator panel.

```
>Select Account>
12345678
```

- 3 Press [ENTER]. ? blinks on the operator panel.

```
>Select Account>
?12345678
```

- 4 Press [▲] or [▼] to select the account code for which you want to set a maximum number of copy, then press [ENTER]. The account code is entered.
- 5 Press [▶], then press [▲] or [▼] to display Max. No. of Copy.

```
>>Max. No. of
Copy          None
```

- 6 Press [ENTER]. The cursor blinks. You can now set the maximum number of copy.

```
>>Max. No. of
Copy          None
```

- 7 Press [**▲**] or [**▼**] to enter the maximum number of copy.

>>Max. No. of	
Copy	000015

- 8 Press [**ENTER**]. The maximum number of copy setting is entered.
- 9 Press [**MENU**]. Ready is displayed again on the operator panel.

Ready

2-3 Entering Settings through the PRESCRIBE Commands

This section describes how to set up the accounting system using the PRESCRIBE commands. The PRESCRIBE commands can be used to enter more detailed settings than those entered through the printer operator panel.

During programming which includes accounting functions, the ACNT “ADMN” command is used in the program to declare the start of accounting settings and the ACNT “EDAD” command is used to declare the end. Accounting parameter contents are set between the ACNT “ADMN” and ACNT “EDAD” commands.

The four-character parameter (ADMN, etc.) following the ACNT command must be entered as upper case letters. The quotation marks surrounding this parameter may be either double or single quotation marks, but the same type must be used at both sides of the parameter.

Accounting Function Operation Commands

ADMN-accounting Administrator mode

Function

The command enables each setting/reference.

Command/Parameter

Command	ACNT “ADMN”, #1;	
Parameter	#1	000000000000000 to 999999999999999 (Default value: Depends on model (numeric string consisting of numeric portion of model name followed by zeros) Example for FS-6020: 602000000000000) Accounting function administration ID (15-digit numeric string) Note: The parameter setting range for some copiers is 0000 to 9999 (4-digit numeric string).

Example of Use

The following changes the Accounting function administration ID from “123456789012345” to “678901234561234”:

```
!R! ACNT “ADMN”, “123456789012345”;  
ACNT “ADMN”, “678901234561234”;  
ACNT “EDAD”;EXIT;
```

Description

- By specifying the Accounting function administration ID currently set in a parameter, Accounting function settings can be made between the ACNT “ADMN”; and ACNT “EDAD”; commands.
- To change the administration ID, issue the ACNT “ADMN”; command again between the ACNT “ADMN”; and ACNT “EDAD”; commands.

**EDAD-EnD of accounting
Administrator mode**

Function

This command sets the Accounting function administrator mode to OFF.

Command/Parameter

Command	ACNT "EDAD";
Parameter	-

Example of Use

See ADMN on page 16.

Description

- Exits the Accounting function administrator mode.
- Also exits from the Accounting function administrator mode at a time when a job is completed, such as by returning to the JOBT command, UEL or ready, in the same manner as when the ACNT "EDAD"; command is issued.

**CODE-accounting CODE
registration and setting**

Function

This command registers an account code.

Command/Parameter

Command	ACNT "CODE", #1;	
Parameter	#1	0-99999999: Account code to be registered (numeric string consisting of 1 to 8 digits)

Examples of Use

The following registers account code "00000001":

```
!R! ACNT "ADMN", "123456789012345";
ACNT "CODE", "00000001";
ACNT "EDAD";EXIT;
```

The following executes printing using account code "00000001":

```
!R! ACNT "CODE", "00000001";
JOBS 0, 3, 1, 0;
TEXT "PAGE 1";PAGE;TEXT "PAGE 2";PAGE;TEXT "PAGE
3";PAGE;
JOBT;EXIT;
```

Description

- Registers an account code between the ACNT "ADMN"; and ACNT "EDAD"; commands.
- If an account code is specified other than between the ACNT "ADMN"; and ACNT "EDAD"; commands, it is used to specify an account code for a print job.
- To change an account code already registered, delete that code first and then register it again.
- Printing is enabled by adding an already registered account code to a print job with the ACNT "CODE"; command.
- This is valid for a job enclosed with the JOBS - JOBT commands immediately after the ACNT "CODE"...; command is issued.

- The setting of an account code for a print job made by using the ACNT “CODE”; command is also reset whenever a job is completed by returning to UEL or Ready or other such.
- In cases where the ACNT “CODE”; command is used to specify an account code for a printing job, an error occurs if the specified account code is not registered.

DELT-accounting code DELeTion

Function

This command deletes an already registered account code.

Command/Parameter

Command	ACNT “DELT”, #1;	
Parameter	#1	0-99999999: Account code to be deleted (numeric string consisting of 1 to 8 digits)

Example of Use

The following deletes account code “00000001” already registered:

```
!R! ACNT “ADMN”, “123456789012345”;
ACNT “DELT”, “00000001”;
ACNT “EDAD”;EXIT;
```

Description

- Delete an account code between the ACNT “ADMN”; and ACNT “EDAD”; commands.
- Erases all information related to the deleted account, such as counter and maximum number of copy values.
- If the number of registered accounts becomes 0 as a result of deleting an account, the Account Management function is automatically set to OFF if it is already ON.

ALAS-accounting code ALiAs

Function

The command sets an account name character string for a registered account name.

Command/Parameters

Command	ACNT “ALAS”, #1, #2 [, #3];	
Parameter	#1	0-99999999: Account code for which account name character string is set (numeric string consisting of 1 to 8 digits)
	#2	Account name character string to be registered (for display, up to 32 bytes)
	#3	Account name character string to be registered (for searching, up to 32 bytes)

Example of Use

The following registers account name “GENE ENG DIV 4” (for display) and “General Engineering Division No. 4” (for searching) for account code “00000001”:

```
!R! ACNT “ADMN”, “123456789012345”;
ACNT “ALAS”, “00000001”, “GENE ENG DIV 4”, “General
Engineering Division No. 4”;
ACNT “EDAD”;EXIT;
```

Description

- Registers an account name between the ACNT “ADMN”; and ACNT “EDAD”; commands.
- If an unregistered account code is specified in #1, that command is ignored.
- It is not possible to register an account name for the “Other” account.

MAXN-MAXimum Number of copy page

Function

The command sets the maximum number of copy pages allowed.

Command/Parameters

Command	ACNT “MAXN”, #1, #2, #3, #4, #5, #6;	
Parameter	#1	0-99999999: Account code for which the maximum number of copy is set (numeric string consisting of 1 to 8 digits)
	#2	Function 0: Total 1: Printer 2: Copier 3: Scanner 4: FAX
	#3	Paper size 0: Total 1-: Paper size No. (in accordance with SPSZ)
	#4	Color mode 0: Total 1: Monochrome 2: Monochrome color 3: Full color
	#5	Reserved (always 0)
	#6	0-999999: Maximum number of copy

Example of Use

The following sets the maximum number of copy to 999 pages for account code “00000001”:

```
!R! ACNT “ADMN”, “123456789012345”;
ACNT “MAXN”, “00000001”, 0, 0, 0, 0, 999;
ACNT “EDAD”;EXIT;
```

Description

- Sets the maximum number of copy between the ACNT “ADMN”; and ACNT “EDAD”; commands.
- If printing is attempted exceeding the maximum number of copy set, that print job generates an error.
- The last job that reached the maximum number of copy in the middle of printing is completed by printing up to the last page.
- If an unregistered account code is specified in #1, that command is ignored.
- This command is also ignored if an unsupported counter is specified, such as when a maximum number of copy is specified on a stand alone printer or when a maximum number of color printouts is specified on a monochrome unit.

CRST-accounting Counter ReSeTting

Function

The command clears (rewrites) the counters for each account/function.

Command/Parameters

Command	ACNT "CRST", #1 [, #2 [, #3, #4, #5, #6]];		
Parameter	#1	0-99999999: Account code for which a counter value is set (numeric string consisting of 1 to 8 digits) "ALLC": Clears all counters for all accounts to 0.	
	#2	Function 0: Total 1: Printer 2: Copier 3: Scanner 4: FAX	"ALLC": Clears all counters for the account specified in #1 to 0.
	#3	Paper size 0: Total 1: Paper size No. (in accordance with SPSZ)	
	#4	Color mode 0: Total 1: Monochrome 2: Monochrome color 3: Full color	
	#5	Reserved (Always 0)	
	#6	0-999999: Counter value to be set	

Examples of Use

The following clears the total counter for account code "00000001" to 0:

```
!R! ACNT "ADMN", "123456789012345";
ACNT "CRST", "00000001", 0, 0, 0, 0, 0;
ACNT "EDAD";EXIT;
```

The following clears all counters for all accounts to 0:

```
!R! ACNT "ADMN", "123456789012345";
ACNT "CRST", "ALLC";
ACNT "EDAD";EXIT;
```

The following clears all counters for account code "00000001" to 0:

```
!R! ACNT "ADMN", "123456789012345";
ACNT "CRST", "00000001", "ALLC";
ACNT "EDAD";EXIT;
```

Description

- Clears the counters between the ACNT "ADMN"; and ACNT "EDAD"; commands.
- If parameter #2 and subsequent parameters are specified when "ALLC" is set in parameter #1, that command is ignored.
- If parameter #3 and subsequent parameters are specified when an account code is set in parameter #1 and "ALLC" is set in parameter #2, that command is ignored.

FAXS- FAX related Setup

Function

This command sets FAX specific settings.

Command/Parameters

Command	ACNT "FAXS", #1, #2, #3, #4, #5, #6;	
Parameter	#1	Setting applicability 0?99999999: Information for each account Specified by account code (number string consisting of 1 to 8 digits) "TOTL": Total information for all accounts
	#2	Setting fields 1: Communication time 2: Communication history
	#3	Send/receive selection 0: Send and receive 1: Send 2: Receive
	#4	Paper size 0: Total
	#5	Color mode 0: Total
	#6	Set value 0: Clear communication time or clear history 1 or higher: Communication time (sec.)

Example of Use

Clear the fax sending time for account code "00000001".

```
!R! ACNT "ADMN", "123456789012345";
ACNT "FAXS", "00000001", 1, 1, 0, 0, 0;
ACNT "EDAD";EXIT;
```

Description

- Sets the FAX settings between the ACNT "ADMN"; and ACNT "EDAD"; commands.

LIST-accounting LIST

This command outputs the account information page.

Command/Parameter

Command	ACNT "LIST";
Parameter	-

Example of Use

The following outputs the account information page:

```
!R! ACNT "ADMN", "123456789012345";
ACNT "LIST";
ACNT "EDAD";EXIT;
```

Description

- Outputs the list between the ACNT "ADMN"; and ACNT "EDAD"; commands.

Example of Account Information Page Output (Standalone Printer)





DEPT. COUNT REPORT

[Dept. total: 20]1/1

Dept. No.	Total	Limit	Dept. No.	Total	Limit
00000001	585	1500			
00000002	292	1500			
00000003	1505	1500			
55792238	30992	35000			
31289353	9780	9999			

Accounting Function Mode Setting Commands

MAIN-accounting MAIN switch

Function

This command sets the Accounting function to ON/OFF.

Command/Parameters

Command	ACNT "MAIN", #1, #2, #3, #4, #5;	
Parameter	#1	Function 0: Total 1: Printer 2: Copier 3: Scanner 4: FAX
	#2	Paper size 0: Total 1-: Paper size No. (in accordance with SPSZ)
	#3	Color mode 0: Total 1: Monochrome 2: Monochrome color 3: Full color
	#4	Reserved (always 0)
	#5	Default value: 0 0: Accounting function OFF 1: Accounting function ON

Example of Use

The following sets the Accounting function to ON:

```
!R! ACNT "ADMN", "123456789012345";
ACNT "MAIN", 0, 0, 0, 0, 1;
ACNT "EDAD";EXIT;
```

Description

- Because this is the switch for the entire Accounting function, even if the account code, the maximum number of copy and other parameters are set up, settings made will not take effect unless this switch is set to ON.
- Even if this switch is OFF, settings such as the registration of an account, the maximum number of copy or other can be performed.
- The Accounting function can be set to ON/OFF between the ACNT “ADMN”; and ACNT “EDAD”; commands.
- If the number of registered accounts is 0, the Account Management function cannot be set to ON.

SECR-accounting SECuRity level

Function

This command sets the security level of the Accounting function.

Command/Parameter

Command	ACNT “SECR”, #1;	
Parameter	#1	Default value: 0 0-1: Security level

Example of Use

The following sets the security level of the Accounting function to 1:

```
!R! ACNT “ADMN”, “123456789012345”;
ACNT “SECR”, 1;
ACNT “EDAD”;EXIT;
```

Description

- The security level setting is valid for SNMP access. (For details, refer to the SNMP Specifications.)
- The security level can be set between the ACNT “ADMN”; and ACNT “EDAD”; commands.

CTMD-CounT MoDe

Function

This command sets the count method for each paper size.

Command/Parameters

Command	ACNT “CTMD”, #1, #2, #3;		
Parameter	#1	“SIZE”: By paper size “BLPG”: Number of pages/sheets	
	#2	#1: “SIZE”	Paper size (Numbers are in accordance with SPSZ. See the table on page 25.)
		#1: “BLPG”	Fixed at 0 (Don’t care)
	#3	#1: “SIZE”	See the table below for a list of default values by paper size. 1: Single count 2: Double count
		#1: “BLPG”	Default value: 0 0: Count using the number of pages 1: Count using the number of sheets

Examples of Use

The following sets the A3-size paper to be counted as two sheets (double count):

```
!R! ACNT "ADMN", "123456789012345";  
ACNT "CTMD", "SIZE", 10, 2;  
ACNT "EDAD";EXIT;
```

The following sets the count that uses the number of sheets.

```
!R! ACNT "ADMN", "123456789012345";  
ACNT "CTMD", "BLPG", 0, 1;  
ACNT "EDAD";EXIT;
```

Description

- SIZE: count according to paper SIZE
- BLPG: BLank PaGe count mode
- A count using the number of pages counts the number of pages actually printed, while a count using the number of sheets counts the number of sheets used regardless of whether or not they are used for printing.
- Count setting by paper size and count setting by number of pages/sheets are added together when counted. Therefore, if a print job for two double-sided, A3-sized pages with attributes of double count and number of pages is executed, the counter for the account is incremented by four, even though the actual number of sheets used is just one.
- The count method can be set between the ACNT "ADMN", and ACNT "EDAD"; commands.
- The following table shows whether or not the count method setting is supported and default values for each paper size.

Available Count Methods by Paper Size

Paper size	Name	Paper size	Supported	Default value
0	Cassette size	Undefined	-	-
1	Monarch	98.425 x 190.5 mm (3.875 x 7.5 inch)	-	-
2	Business	104.775 x 241.3 mm (4.125 x 9.5 inch)	-	-
3	DL	110 x 220 mm	-	-
4	C5	162 x 229 mm	-	-
5	Executive	184.15 x 266.7 mm (7.25 x 10.5 inch)	-	-
6	Letter	215.9 x 279.4 mm (8.5 x 11 inch)	-	-
7	Legal	215.9 x 355.6 mm (8.5 x 14 inch)	Yes	Single
8	A4	210 x 297 mm	-	-
9	B5	182 x 257 mm	-	-
10	A3	297 x 420 mm	Yes	Double
11	B4	257 x 364 mm	Yes	Single
12	Ledger	279.4 x 431.8 mm (11 x 17 inch)	Yes	Double
13	A5	148 x 210 mm	-	-
14	A6	105 x 148 mm	-	-
15	B6	128 x 182 mm	-	-
16	COM9	98.425 x 225.425 mm (3.875 x 8.875 inch)	-	-
17	COM6	92.075 x 165.1 mm (3.625 x 6.5 inch)	-	-
18	INT B5	176 x 250 mm	-	-
19	CUSTOM	297.18 x 449.58 mm (11.7 x 17.7 inch)	Yes	Single
20	B4toA4		-	-
21	A3toA4		-	-
22	A4toA498		-	-
23	STKtoA4		-	-
24	STKtoB4		-	-
30	C4	229 x 324 mm	-	-
31	HAGAKI	100 x 148 mm	-	-
32	OUFUKUHAGAKI	148 x 200 mm	-	-
33	(Oficio II)	215.9 x 330.2 mm (8.5 x 13 inch)	-	-
34	(Special 1)	216 x 310 mm	-	-
35	(Special 2)	216 x 305 mm	-	-
36	A3WIDE	310 x 433 mm	Yes	Double
37	LDWIDE	310 x 440 mm	Yes	Double
38	12x18	304.8 x 457.2 mm (12 x 18 inch)	Yes	Double
39	8K	273 x 394 mm	Yes	Double
40	16K	197 x 273 mm	-	-
50	Statement	139.7 x 215.9 mm (5.5 x 8.5 inch)	-	-
51	Folio	210 x 330 mm	-	-
52	Youkei2	114 x 162 mm	-	-
53	Youkei4	105 x 235 mm	-	-

ERRM-Error Management

Function

This command sets the method for error handling when an error occurs.

Command/Parameters

Command	ACNT "ERRM", #1, #2, #3;		
Parameter	#1	"ACCD": Account code error "EXMN": Exceeded the maximum number of copy	
	#2	#1: "ACCD"	"CNCL": Cancels printing. "PRNT": Prints an error report.
		#1: "EXMN"	"CNCL": Cancels printing. "PRNT": Prints an error report.
	#3	0: OFF 1: ON	* See the table below for default values.

Examples of Use

The following does not print an error report even if an account code error occurs:

```
!R! ACNT "ADMN", "123456789012345";  
ACNT "ERRM", "ACCD", "PRNT", 0;  
ACNT "EDAD";EXIT;
```

The following does not cancel printing even if the maximum number of copy is exceeded:

```
!R! ACNT "ADMN", "123456789012345";  
ACNT "ERRM", "EXMN", "CNCL", 0;  
ACNT "EDAD";EXIT;
```

Description

- ACCD: ACcount CoDe error
- EXMN: Excess of Max. Number of copy
- CNCL: error job CaNCel
- PRNT: PriNT error report
- The error handling method can be set between the ACNT "ADMN"; and ACNT "EDAD"; commands.
- If it is set to display an error only at the time of account code error occurrence, printing is performed but the counters for all accounts are not incremented (the counters are processed in the same manner as for the status page).
- Default values

Account code error	Cancels printing	ON
	Prints an error report	ON
Exceeded the maximum number of copy	Cancels printing	ON
	Prints an error report	ON

ACLR-Auto Clear managemet

Function

This command sets whether or not the front panel menus of the Accounting function are automatically cleared.

Command/Parameters

Command	ACNT "ACLR", #1, #2;		
Parameter	#1	"MAIN": Auto clear ON/OFF "TIME": Time until auto clear operation is executed	
	#2	#1: "MAIN"	Default value: 1 0: OFF 1: ON
		#1: "TIME"	Default value: 12 1-54: Time until auto clear operation is executed (units of 5 sec.)

Examples of Use

The following sets the auto clear operation to OFF:

```
!R! ACNT "DMN", "123456789012345";
ACNT "ACLR", "MAIN", 0;
ACNT "EDAD";EXIT;
```

The following sets the time until the auto clear operation is executed to 30 seconds:

```
!R! ACNT "ADMN", "123456789012345";
ACNT "ACLR", "IME", 6;
ACNT "EDAD";EXIT;
```

Description

- MAIN: auto clear MAIN switch
- TIME: TIME until auto clear
- The auto clear operation can be set between the ACNT "ADMN"..., and ACNT "EDAD"; commands.
- The time setting will not take effect if the auto clear operation is OFF.
- The setting of the auto clear operation is not related to the setting of the auto clear operation for normal menus other than for accounting.
- This setting applies only to menus that are called up by entering an administration ID and does not apply to menus accessed by entering account codes during e-MPS job output, even if such menus are related to the Accounting function.

CLMN-distinction of CoLoR and MoNochrome

Function

This command sets the method by which color/monochrome distinction is performed

Command/Parameters

Command	ACNT "CLMN", #1;	
Parameter	#1	Default 0: 0: If any color except BLACK used, it is regarded as color. 1: Always regarded as in color mode.

Example of Use

Always regarded as in color mode

```
!R! ACNT "ADMN", "123456789012345";  
ACNT "CLMN", 1;  
ACNT "EDAD";EXIT;
```

Description

- It is used for a color machine.
- It is reflected in the count-up.
- It is reflected in a restriction number-of-sheets check.
- When 1 is set, it counts as color even if only using Black toner.

ATRC-ATtRibute combination of Counters

Function

This command enters settings related to the itemized paper counter.

Command/Parameters

Command	ACNT "ATRC", #1, #2 [, #3, #4, #5];	
Parameter	#1	1 - 5: Itemized paper type counter number to be changed 6: Always set to "other"
	#2	Paper size (number is as per SPSZ command) Select from the following: No setting (0), A3 (10), A4 (8), A5 (13), B4 (11), B5 (9), Statement (50), Letter (6), Legal (7), ledger (12), Folio (51)
	#3	Paper type (number is as per MTYP command) Select from the following: No setting (0), ordinary paper (1), OHP (2), labels (4), recycled paper (6), Envelopes/postcards (12), thick paper (16), thin paper (7), treated paper (14), Custom 1 - 8 (21 - 28)
	#4	Function No setting (0)
	#5	Color mode No setting (0)

Examples of Use

Set itemized paper counter 3 to “Letter” paper size and “Treated paper” paper type.

```
!R! ACNT "ADMN", "123456789012345";
ACNT "ATRC", 3, 6, 14;
ACNT "EDAD";EXIT;
```

Count itemized paper counter 5 as an unused counter.

```
!R! ACNT "ADMN", "123456789012345";
ACNT "ATRC", 5, 0, 0, 0, 0;
ACNT "EDAD";EXIT;
```

Description

- Sets the itemized paper counter between the ACNT “ADMN”; and ACNT “EDAD” commands;.
- If paper which does not meet the conditions for any of the itemized paper counters, 1 through 5 is printed, then the count on counter 6 (“other”) is incremented.
- If a counter has a specified paper size but no paper type setting, all prints at the specified paper size are counted, regardless of the paper type.
- If a counter has a specified paper type but no paper size setting, all prints with the specified paper type are counted, regardless of the paper size.
- To determine which counter is applicable, the paper size and paper type are determined starting with the first counter and continuing in sequence. If none of the counters 1 through 5 are applicable, then the count is applied to the “other” counter.
- If multiple counters have the same settings, the count is incremented only on the counter having the lowest number. For example, if the first counter is set to plain paper with no paper size setting, and the second counter is set to plain paper with A4 size, only the count on the first counter will be incremented even during A4/ plain pages printing. (Counters with no settings should be moved to the rear.)
- If a counter has no settings at all, its count is not incremented. (The counter is treated as unused.)
- The default settings for the itemized paper counters are as follows.

Counter Number	1	2	3	4	5
Europe	A3	A4	A5	Legal	Letter
US	Ledger	Legal	Letter	Statement	(No setting)

FRST-use Functional ReSTriction

Function

This command limits the functions that can be used (copier, scanner, fax, printer).

Command/Parameters

Command	ACNT "FRST", #1, #2, #3, #4, #5, #6;	
Parameter	#1	0 - 99999999: Applicable account code (numeric string consisting of 1 to 8 digits)
	#2	Function 0: All (computer and printer) 1: Printer 2: Copier 3: Scanner 4: Fax (sending) 5: Fax (receiving)
	#3	Paper size 0: Total 1: Paper size No. (in accordance with SPSZ)
	#4	Color mode 0: Total 1: Monochrome 2: Monochrome color 3: Full color
	#5	Reserved (Always 0)
	#6	0: Can be used 1: Usage not allowed

Example of Use

Disallow use of the copier function for account code "00000001".

```
!R! ACNT "ADMN", "123456789012345";  
ACNT "FRST", "00000001", 2, 0, 0, 0, 1;  
ACNT "EDAD";EXIT;
```

Description

- Limits the available functions between the ACNT "ADMN"; and ACNT "EDAD" commands;.
- Settings cannot be applied to accounts listed as "Other".

RSTP-selection of a ReSTriction Pattern

Function

This command enters settings related to limitation patterns.

Command/Parameters

Command	ACNT "RSTP", #1, #2;	
Parameter	#1	"TOTL"; Overall settings
	#2	Limitation pattern number

Example of Use

Set a limitation pattern which is applied to all accounts as pattern 2.

```
!R! ACNT "ADMN", "123456789012345";
ACNT "RSTP", "TOTL", 2;
ACNT "EDAD";EXIT;
```

Description

- Set limitation patterns between the ACNT "ADMN"; and ACNT "EDAD" commands;.
- Settings cannot be applied to accounts listed as "Other".
- Limitation pattern

Pattern 1

Function	Copie/printer			Scanner	FAX	
Details	Total (full color/monocolor/monochrome)			-	Sending	Receiving
	Full color	Monocolor (copier only)	monochrome			
Support	Yes	Yes	Yes	Yes	Yes	-

Pattern 2

Function	Copier/printer					Scanner	FAX	
Details	Total (full color/monocolor/monochrome)			Total (full color/monochrome)		-	Sending	Receiving
	Full color	Mono-color	mono-chrome	Full color	mono-chrome			
Support	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-

PPAS-Permission for Printing without Accounting code Specification

Function

This command allows printing of jobs without a specified account code.

Command/Parameters

Command	ACNT "PPAS", #1;	
Parameter	#1	0: Do not allow printing of jobs without a specified account code 1: Allow printing of jobs without a specified account code

Example of Use

Allow printing of jobs without a specified account code.

```
!R! ACNT "ADMN", "123456789012345";  
ACNT "PPAS", 1;  
ACNT "EDAD";EXIT;
```

Description

- Allows printing of jobs without a specified account code between the ACNT "ADMN"; and ACNT "EDAD" commands;.
- Use this command when you want to manage accounts in, for example, an environment containing hosts that cannot use drivers supporting the accounting functions
- Even in cases where this command is set to allow printing of jobs without a specified account code, when an account code is specified, normal account management procedures are followed. Specifically, the count value for that account is incremented if the account code is correct. If the account code is incorrect, an error occurs and printing is cancelled.
- If a job without a specified account code is printed under settings that allow the printing of jobs without a specified account code, the number of printed pages is added to the "other" account counter.

Chapter 3 Error Messages

This section presents the accounting system related error messages which may appear during printing, and describes how to respond to these errors.

If you are unable to solve a problem, contact the Kyocera Mita Corporation authorized dealer where you made your purchase or contact our customer service center.

Illegal Account
Press GO

The account code may not have been set for the transmitted job, or the specified account code may not be registered (or an incorrect account code may have been specified).

Press [**GO**] to clear the error. Check whether an account code has been specified or whether the correct account code was specified, then try printing again.

Exceeded MaxCopy
Press GO

The maximum number of copy pages set for a particular account has been exceeded.

Press [**GO**] to clear the error. Jobs cannot be printed in excess of the maximum number of copy setting.

Account error ##
Press GO

A syntax error or incorrect setting may have been entered during accounting system setup using PRESCRIBE command. The two pound-sign characters in the Account error ## line denote the error number. For details on error numbers, see **Error numbers for account errors** on the next page.

Press [**GO**] to clear the error. Check whether the correct PRESCRIBE command was entered.

Error numbers for account errors

ACNT command function	Panel error indication (Press GO)	
ADMN	Account error	01
EDAD		-
CODE (at registration)		02
DELT		03
ALAS		04
MAXN		05
CRST		06
LIST		-
MAIN		08
SECR		09
CTMD		10
ERRM		11
ACLR		12
CLMN		13
FAXS		14
ATRC		15
FRST		16
RSTP		17
PPAS		18

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