

PROMEL[®]

FIRENZE - ITALIA

UTP

MI CD801

File consultabile in rete: \DGQ RGQ\DOCUMENTI
UFFICIALI\MANUALI\MICD801\INGREV.X.DOCUSER GUIDE
CONTA DIVIDI 801

Rev. 0

Pag. 1 di 27

USER GUIDE
CONTA DIVIDI 801Sistema di Qualità Aziendale Certificato
Company's Certified Quality System

Cert. No 9190 PROM



Reg. No IT - 20646


UNI EN ISO 9001:2000

4					
3					
2					
1					
0	Fifth Edition	Così\Manna/ Margheri	Cecchi	Lazzeri	15/01/04
Rev.No.	Descrizione <i>Description</i>	Redatto <i>Edited</i>	Conval. <i>Ratification</i>	Appr. <i>Approved</i>	Data <i>Date</i>

PROMEL s.a.s.Sede Legale / Sede Amministrativa / Sede Operativa: Via G. Rossa, 24 – Cascine del Riccio – 50023 Impruneta (FI) – Italy P.I. 03768400487
Tel. nr. +39 055 20942 1 – Fax nr. +39 055 20942 42**PROMEL Costruzioni S.r.l.**Sede Legale / Sede Amministrativa / Sede Operativa: Via G. Rossa, 24 – Cascine del Riccio – 50023 Impruneta (FI) – Italy P.I. 02310850488
Tel. nr. +39 055 20942 1 – Fax nr. +39 055 20942 42


Web site: www.promel.it - E-mail address: promel@promel.it

La documentazione in oggetto è conforme all'originale; l'evidenza della validazione della documentazione è a disposizione presso l'archivio dell'Ufficio Qualità della PROMEL.
The above mentioned documents are up to the originals; evidence of documents validation is at anyone's disposal at PROMEL Quality Dept. Archive.

 <p>PROMEL FIRENZE - ITALIA</p>	<p>MI CD801 File consultabile in rete: \DGQ RGQ\DOCUMENTI UFFICIALI\MANUALI\MICD801\INGREV.X.DOC</p> <p>USER GUIDE CONTA DIVIDI 801</p>	<p>Rev. 0</p>
<p>UTP</p>		<p>Pag. 3 di 27</p>

CONTENTS


1. INTRODUCTION
2. UNPACKING
3. STORAGE
4. GENERAL DESCRIPTION
5. START UP
 - 5.1. Power supply
 - 5.2. Working
 - 5.2.1. General
 - 5.2.2. Main Menu
 - 5.2.3. Programming
 - 5.2.4. Count Menu
 - 5.2.5. Count-stop Menu
 - 5.2.6. Count Menu with User Function
6. PRINTER CLOCK SETTING
7. MAINTENANCE
 - 7.1. Machine Cleaning
8. GUARANTEE

 <p>PROMEL FIRENZE - ITALIA</p>	<p>MI CD801 File consultabile in rete: \DGQ RGQ\DOCUMENTI UFFICIALI\MANUALI\MICD801\INGREV.X.DOC</p> <p>USER GUIDE CONTA DIVIDI 801</p>	<p>Rev. 0</p>
<p>UTP</p>	<p>Pag. 4 di 27</p>	

1. INTRODUCTION

This document is provided for the purpose of being your guide to use and maintenance of Conta Dividi 801.

Please read this manual before installing and using this product to avoid incorrect working, breakdowns and improper use.

Conta Dividi 801 was created in compliance with the safety requirements of 73/23/EEC "Low-Tension" Directive, further modification 93/68/EEC and with 89/336/EEC "EMC Electro-Magnetic Compatibility" requirements for  mark.

2. UNPACKING

Please verify packing and its contents when you receive the product. In case of transportation damage please inform the carrier per E-Mail/Fax and send copy to Promel.

3. STORAGE

In case of storage of Conta Dividi 801 and its components you must be very careful and protect them in the best way.

Always keep Conta Dividi 801 in its original carton up to its setting up.
Protect the carton in order to avoid damages deriving from:

- Rain, excessive humidity and/or temperature range (inadequate protection)
- Insects or rodents infestation (damage of carton and of its contents)
- Any other possible risk

Make sure that storage temperature is not over the following values: -20°C, + 60°C

PROMEL

FIRENZE - ITALIA

MI CD801

File consultabile in rete: \DGQ RGQ\DOCUMENTI UFFICIALI\MANUALI\MI CD801\INGREV.X.DOC

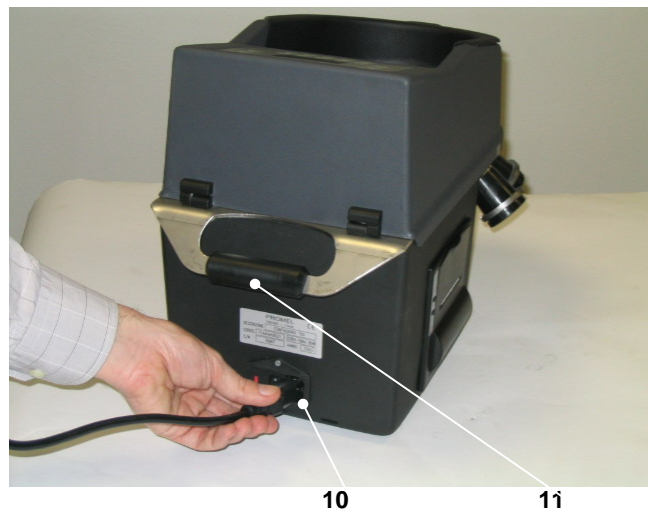
USER GUIDE
CONTA DIVIDI 801


Rev. 0

Pag. 5 di 27

UTP

4. GENERAL DESCRIPTION



 <p>PROMEL FIRENZE - ITALIA</p>	<p>MI CD801 File consultabile in rete: \DGQ RGQ\DOCUMENTI UFFICIALI\MANUALI\MICD801\INGREV.X.DOC</p> <p>USER GUIDE CONTA DIVIDI 801</p>	<p>Rev. 0</p>
<p>UTP</p>	<p>Pag. 6 di 27</p>	

1. Display
2. Keyboard
3. Control Panel
4. Cover/coins collecting tray
5. Loading Dish
6. Coins pulling disk with rubber brush
7. Matrix
8. Optical Sensor
9. Coins exit
10. Socket/Power Switch
11. Carrying Handle

5. START UP

5.1 POWER SUPPLY

Connect Conta Dividi 801 to a socket with the furnished power supply cable.


WARNING

Before connecting Conta Dividi 801 ensure that frequency and mains voltage are the same as indicated in the plate on the rear of the machine and that earthing-connection is equal to zero

Press switch (10) to supply the machine (fig. 1).



Figure 1

 <p>PROMEL FIRENZE - ITALIA</p>	<p>MI CD801 File consultabile in rete: \DGQ RGQ\DOCUMENTI UFFICIALI\MANUALI\MICD801\INGREV.X.DOC</p> <p>USER GUIDE CONTA DIVIDI 801</p>	<p>Rev. 0</p>
<p>UTP</p>		<p>Pag. 7 di 27</p>

5.3 WORKING

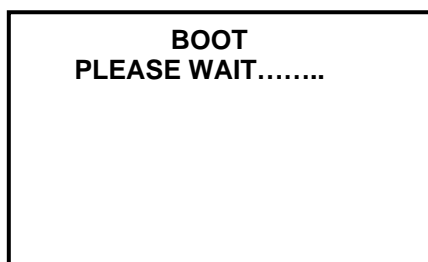
5.3.1 GENERAL

The machine can count/sort coins in two different ways that can be selected from the MAIN MENU.

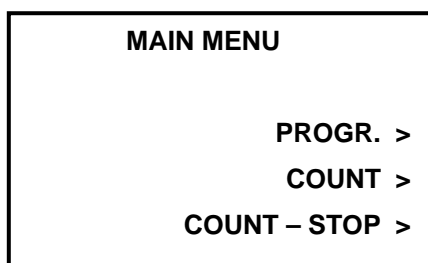
- A. COUNT Mode: you can sort, count and obtain the amount of single denominations of counted coins and their total amount. You can also program the number of users for which you want to count/sort coins.
- B. COUNT-STOP Mode: you can count and obtain the total amount of each single sort of coin, you can collect them into small bags or tubes with a predetermined number of coins.

5.3.2 MAIN MENU

When you switch on the machine the following menu is displayed:



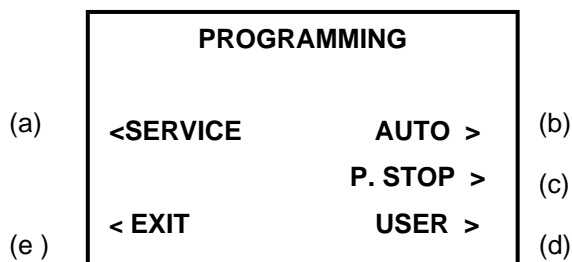
After few seconds the following menu is displayed:



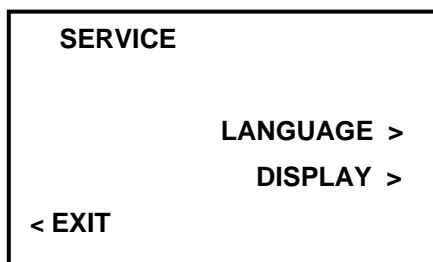
Press buttons (3) connected to main menu options to start the relevant sub-menu.

5.3.3 PROGRAMMING

From this menu you can choose the displayed sub-menu.



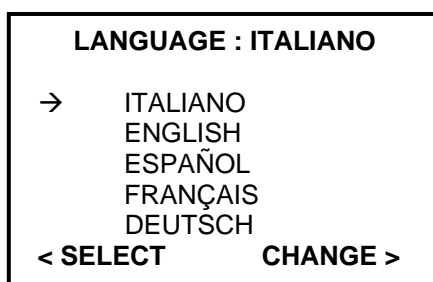
a. Select SERVICE to display the following menu:




- Select LANGUAGE to change the language of the machine. The following menu is displayed:



Press EXIT to return to main menu.
Press CHANGE to display the following menu:



 <p>PROMEL FIRENZE - ITALIA</p>	<p>MI CD801 File consultabile in rete: \DGQ RGQ\DOCUMENTI UFFICIALI\MANUALI\MICD801\INGREV.X.DOC</p> <p>USER GUIDE CONTA DIVIDI 801</p>	<p>Rev. 0</p>
<p>UTP</p>	<p>Pag. 9 di 27</p>	

Press SELECT to select the desired language; your selection is pointed out with an arrow on the left.

Press CHANGE to display the following menu:

```

LANGUAGE : ITALIANO

→   ITALIANO
     ENGLISH
     ESPAÑOL
     FRANÇAIS
     DEUTSCH
< ENTER      CHANGE >

```

Press ENTER to confirm you selection.

The following menu is displayed:

```

LANGUAGE : ITALIANO

→   ITALIANO
     ENGLISH
     ESPAÑOL
     FRANÇAIS
     DEUTSCH
< EXIT      CHANGE >

```

Press CHANGE to obtain a new selection.
Press EXIT to return to previous menu.

- Select DISPLAY to display the following menu:


```

DISPLAY

< -          + >
< ESC      ENTER >

```

Pressing the keys (3) it is possible to increase or decrease the contrast of the characters
Press ENTER to confirm

 <p>PROMEL FIRENZE - ITALIA</p>	<p>MI CD801 File consultabile in rete: \DGQ RGQ\DOCUMENTI UFFICIALI\MANUALI\MICD801\INGREV.X.DOC</p> <p>USER GUIDE CONTA DIVIDI 801</p>	<p>Rev. 0</p>
<p>UTP</p>	<p>Pag. 11 di 27</p>	

- Press – / + buttons to display the programmed number of coins and its value.
- Press keyboard buttons (2) to program the desired number of coins.
- Press ENTER to confirm.

d. Press USER button to display the following menu:

```

PROGRAM . --> USER
WORKING USER: 0

<RESET USER
< EXIT          ENTER >

```

- This function enables you to program, using keyboard buttons (2), the number of users up to 99.
- Press ENTER to confirm.
- Press RESET USER to reset the value counted for all users.

The following menu is displayed:

```

PROGRAM . --> USER
WORKING USER: 0

PLEASE WAIT.....

```

Then menu as in d is displayed:


```

PROGRAM . --> USER
WORKING USER: 0

<RESET USER
< EXIT          ENTER >

```

If you want to change the programmed number of users, you can repeat the procedure pressing keyboard buttons (2).

 <p>PROMEL FIRENZE - ITALIA</p>	<p>MI CD801 File consultabile in rete: \DGQ RGQ\DOCUMENTI UFFICIALI\MANUALI\MICD801\INGREV.X.DOC</p> <p>USER GUIDE CONTA DIVIDI 801</p>	<p>Rev. 0</p>
<p>UTP</p>	<p>Pag. 12 di 27</p>	

The following menu is displayed:

```

PROGRAM . --> USER
WORKING USER: 1

< RESET USER
< EXIT          ENTER >

```

- Press EXIT button to return to Programming menu.
- e. Press EXIT to return to main menu.

5.3.4 COUNT MENU

Press COUNT to display the following menu:

```

          COUNTING

(c)  < RESET          START >  (a)
(d)  < EXIT          MEMORY >  (b)

```

(Fig. 6)

- a. Press START to operate the machine, that begins counting the coins in the loading dish (5). The following menu is displayed:

```

          COUNTING

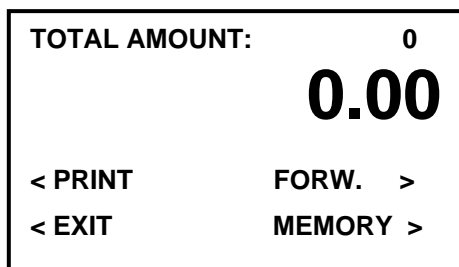
          0.00

          STOP >

```

- Press STOP to stop the machine thus displaying the total amount of money and the number of coins counted.

The following menu is displayed:



(Fig. 7)

Press 1-2-3-4-5-6-7-8 operative buttons to display all exits. Those buttons correspond to the following values:

Button 1: 0.05

Button 2: 0.01

Button 3: 0.20

Button 4: 1

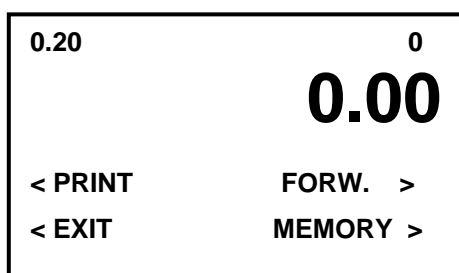
Button 5: 0.10

Button 6: 0.02

Button 7: 0.50

Button 8: 2


Once you have chosen a button, press the button corresponding to the desired value again. Programming 0,20 the following menu is displayed:



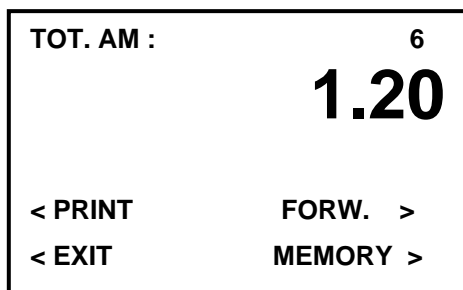
Press button no. 9 to display again the total amount of counting.

- Press FORW. and the machine starts again from previous counting.

When no more coins pass on the pulling disk (6), the machine automatically checks the presence of coins by stopping the rotation of the loading dish (5), rotating once on the opposite way, stopping again and rotating once more clockwise.

 <p>PROMEL FIRENZE - ITALIA</p>	<p>MI CD801</p> <p>File consultabile in rete: \DGQ RGQ\DOCUMENTI UFFICIALI\MANUALI\MICD801\INGREV.X.DOC</p>	<p>Rev. 0</p>
	<p>USER GUIDE CONTA DIVIDI 801</p>	<p>Pag. 14 di 27</p>
<p>UTP</p>		

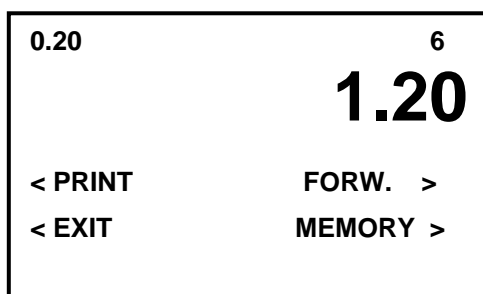
If, after three rotations, no more coins pass, the machine stops and displays the data as follows:



(Fig. 8)

- Press 1-2-3-4-5-6-7-8 buttons to display the amount of each denomination of coins.

Programming 0,20 the following menu is displayed:



Choosing one of those values and pressing PRINT you print the total amount and value of each denomination of coins.

Press button no. 9 to display again the total amount of counting.

When the total amount of counted coins is displayed, press PRINT to print the total amount of each denomination of coins, the partial and total amount of their value.

- Press FORW. to start up the machine.

The total amount of one counting can be memorized, thus enabling you to sum it to future countings.

Press MEMORY (fig. 8) to display the following menu:

TOT MEMORY	0.00
COUNT.	1.20
< EXIT	SUM >


- Press SUM. the total amount counted is memorized and the following menu is displayed:

TOT MEMORY	1.20
COUNT.	0.00
< EXIT	SUM >

- Press EXIT to return to menu as shown in fig.8.
- Press EXIT again to return to COUNT menu (fig. 6).
-
- b .** Press MEMORY to display memorized data.

1.20	
MEMORY	BANKN. >
< RESET	PRINT >
< EXIT	

- Press RESET to reset memory.

 <p>PROMEL FIRENZE - ITALIA</p>	<p>MI CD801 File consultabile in rete: \DGQ RGQ\DOCUMENTI UFFICIALI\MANUALI\MICD801\INGREV.X.DOC</p> <p>USER GUIDE CONTA DIVIDI 801</p>	<p>Rev. 0</p>
<p>UTP</p>	<p>Pag. 16 di 27</p>	

- Press BANKN. to display the following menu:

TOT MEMORY	
	1.20
BANKNOTES	
	0.00
< EXIT	SUM >

The function BANKNOTES enables you to memorize values that can derive from manual counting of banknotes, which can not have been directly counted by the machine.

The value of banknotes can be introduced using keyboard buttons (2). Press SUM to memorize the introduced value.

Press EXIT to return to previous menu.

- Press PRINT to print the number of each denomination of coins, the partial and total amount of their value and of the value of banknotes which have not been counted by the machine.
- Press EXIT to return to COUNT menu (fig. 6).

COUNTING	
< RESET	START >
< EXIT	MEMORY >

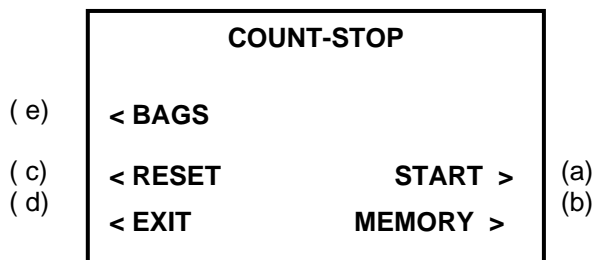
- c . Press RESET to reset the machine, the loading dish (5) rotates anti-clockwise and the following menu is displayed:

COUNTING
RESET DONE

- d . Press EXIT to return to main menu.

5.3.5 COUNT-STOP MENU

Press COUNT-STOP and the following menu is displayed:

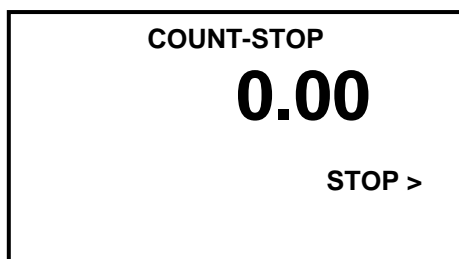


(Fig.9)

This function is used to stop the machine once all programmed amount of coins have been counted, according to the different denomination.

The programmed number of coins can be changed only with Programming menu.

- a. Press START to start sorting and counting coins. The machine stops when a denomination of coins has reached the programmed number of coins. While the machine is operating the following menu is displayed:



- Press STOP to stop counting.

Once the programmed amount of coins for any denomination has been counted, the following menu is displayed:



- Press PRINT to print the receipt containing the value of coins, the number of coins and their total amount.

- Press FORW. after having changed the bag or tube of counted value, and the machine goes on counting.
- Press ESC to return to menu of fig. 9.

When all coins in the dish (5) have been counted, the machine automatically checks the presence of coins for three times. Then it stops and the following menu is displayed:

TOTAL AMOUNT	0
	0.00
< PRINT	FORW. >
< ESC	MEMORY >

Press 1-2-3-4-5-6-7-8 buttons to display the number and value of each denomination of coins. Select one value and press PRINT to print the total amount and value of coins for the selected denomination.
Press button no. 9 to display the total amount of counting again.

When the total amount of coins counted is displayed, press PRINT to print the total amount of each denomination of coins, their partial and total value.

Press 0 button to display amount of coins counted remaining.
The following menu is displayed:

TOTAL AMOUNT	0
R	0.00
< PRINT	FORW. >
< EXIT	MEMORY >

- Press PRINT to print the total amount and value of coins remaining.

Press 1-2-3-4-5-6-7-8 buttons to display the number and value of those denominations which have not reached the programmed quantity.

The following menu is displayed:

0.20	6
R	1.20
< PRINT	FORW. >
< EXIT	MEMORY >


- Press RESET to annulled the remaning of coins for the selected denomination.
- Select one value and press PRINT to print the total amount and value of coins for the selected denomination.
Press button no. 9 to display the total amount of counting again.
- Press ESC to return to menu of fig.9
- Press FORW. to start up the machine.
- Press MEMORY to display the following menu:

TOT MEMORY	0.00
COUNT.	1.20
< EXIT	SUM >

- Press SUM. the total amount counted is memorized and the following menu is displayed:

TOT MEMORY	1.20
COUNT.	0.00
< EXIT	SUM >

- Press EXIT to return to previous menu.
- Press EXIT again to return to menu (fig.9).

 <p>PROMEL FIRENZE - ITALIA</p>	MI CD801 File consultabile in rete: \DGQ RGQ\DOCUMENTI UFFICIALI\MANUALI\MICD801\INGREV.X.DOC	Rev. 0
	<p style="text-align: center;">USER GUIDE CONTA DIVIDI 801</p>	Pag. 20 di 27
UTP		

b. Press MEMORY to display memorized data.

	1.20
MEMORIA	BANKN. >
< RESET	PRINT >
< EXIT	

- Press RESET to reset memory.
- Press BANKN. to display the following menu:

TOT MEMORY	1.20
BANKNOTES	0.00
< EXIT	SUM >

The function BANKNOTES enables you to memorize values that can derive from manual counting of banknotes, which can not have been directly counted by the machine. The value of banknotes can be introduced using keyboard buttons (2).

Press SUM to memorize the introduced value.

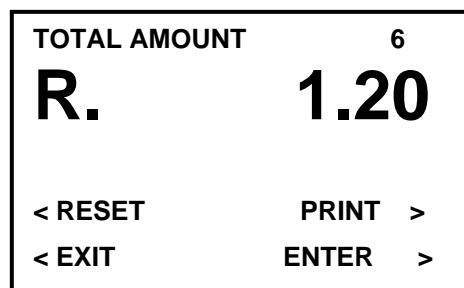
- Press PRINT to print the number of each denomination of coins, the partial and total amount of their value and of the value of banknotes which have not been counted by the machine.

c. Press RESET to reset the machine; the loading dish (5) rotates anti-clockwise and the following menu is displayed:

C COUNT-STOP RESET DONE
--

d. Press EXIT to return to main menu.

e. Press BAGS to display the following menu:



On the display the letter R shows you the amount of coins counted remaining. It is displayed the value and number of coins counted for which the programmed value in the bag has not been reached (see para. 5.3.3 Programming).

Press 1-2-3-4-5-6-7-8 buttons to display the number and value of those denominations which have not reached the programmed quantity.

- Select one value and press PRINT to print the total amount and value of coins for the selected denomination.

Press button no. 9 to display the total amount of counting again.

- When the total amount of coins counted is displayed, press PRINT to print the total amount of each denomination of coins, their partial and total value.

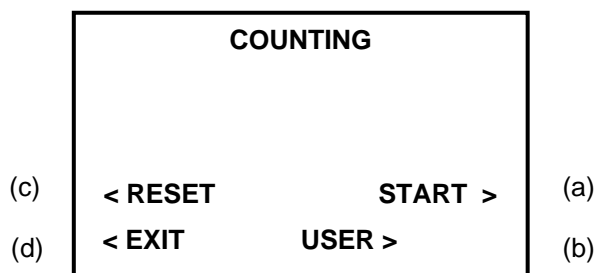
N.B. If you return to main menu after counting, the machine memorizes the total amount of left value even if you switch it off.

- The memorized value can be displayed later by pressing ENTER.
- Press RESET and return to main menu to reset memory.
- Press EXIT to return to main menu.


5.3.6 COUNT/COUNT-STOP MENU WITH USER FUNCTION

Use this function if you program a number of users with PROGRAMMING menu (see main menu Page 9).

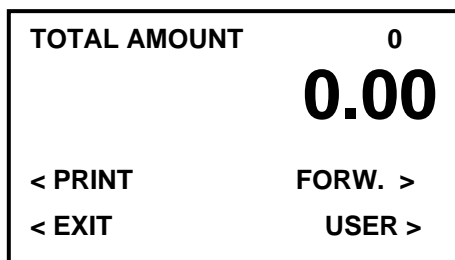
Press COUNT/COUNT-STOP from main menu to display the following menu:



(Fig.10)

 <p>PROMEL FIRENZE - ITALIA</p>	MI CD801 File consultabile in rete: \DGQ RGQ\DOCUMENTI UFFICIALI\MANUALI\MICD801\INGREV.X.DOC	Rev. 0
	<p style="text-align: center;">USER GUIDE CONTA DIVIDI 801</p>	Pag. 22 di 27
UTP		

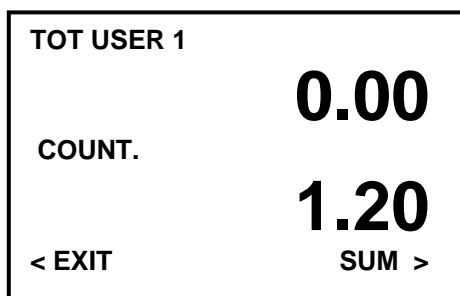
a . Press START to start counting. After counting the following menu is displayed:




(Fig.11)

High on the right the amount of counted coins is displayed, while the bigger number displays the total amount.

- Press FORW. to start up the machine. Actual counting is summed to previous counting.
- Press 1-2-3-4-5-6-7-8 buttons to display the number and value of each denomination of coins. Select one value and press PRINT to print the total amount and value of coins for the selected denomination.
Press button no. 9 to display the total amount of counting again.
When the total amount of coins counted is displayed, press PRINT to print the total amount of each denomination of coins, their partial and total value.
- Press EXIT to return to COUNT menu (fig. 10).
- Press USER after counting. The following menu is displayed:



- Press keyboard buttons (2) to select the user where you want to memorize counting, or you can consider counting separately and don't memorize in user.
- Press SUM to sum the partial counting to the total amount of operating user.

 <p>PROMEL FIRENZE - ITALIA</p>	<p>MI CD801</p> <p>File consultabile in rete: \DGQ RGQ\DOCUMENTI UFFICIALI\MANUALI\MICD801\INGREV.X.DOC</p>	<p>Rev. 0</p>
	<p>USER GUIDE CONTA DIVIDI 801</p>	<p>Pag. 23 di 27</p>
<p>UTP</p>		

The following menu is displayed:

TOT USER 1	1.20
COUNT.	0.00
< EXIT	SUM >

- Press EXIT to return to menu of fig. 11.
- Press EXIT again to return to menu of fig. 10.

b. Press USER from menu of fig. 10 before a new counting. The following menu is displayed:


	0.00
USER 1	
	BANKN. >
< RESET	PRINT >
< EXIT	ENTER >

Press keyboard buttons (2) to change user and make it operative.

Press PRINT to display the following menu:

TOTAL AMOUNT:	6
	1.20
< ALL	SINGLE >
< EXIT	

- Press ALL to print all user's memorized data.
- Press SINGLE to print the value referring to working users.
- Press EXIT to return to main menu (fig.10).

 <p>PROMEL FIRENZE - ITALIA</p>	<p>MI CD801 File consultabile in rete: \DGQ RGQ\DOCUMENTI UFFICIALI\MANUALI\MICD801\INGREV.X.DOC</p> <p>USER GUIDE CONTA DIVIDI 801</p>	<p>Rev. 0</p>
<p>UTP</p>	<p>Pag. 24 di 27</p>	

Press BANKN. to display the following menu:


<p>TOT MEMORY</p>	
	<p>1.20</p>
<p>BANKNOTES</p>	
	<p>0.00</p>
<p>< EXIT</p>	<p>SUM ></p>

The function BANKNOTES enables you to memorize values that can derive from manual counting of banknotes, which can not have been directly counted by the machine. The value of banknotes can be introduced using keyboard buttons (2). Press SUM to memorize the introduced value. Press EXIT to return to previous menu.

- c. Press RESET to reset the machine, the loading dish (5) rotates anti-clockwise and the following menu is displayed:

<p>COUNTING</p>
<p>RESET DONE</p>

- d. Press EXIT to return to main menu.

 <p>PROMEL FIRENZE - ITALIA</p>	<p>MI CD801 File consultabile in rete: \DGQ RGQ\DOCUMENTI UFFICIALI\MANUALI\MICD801\INGREV.X.DOC</p> <p>USER GUIDE CONTA DIVIDI 801</p>	<p>Rev. 0</p>
<p>UTP</p>		<p>Pag. 25 di 27</p>

6. PRINTER CLOCK SETTING

Press PRINT and FEED buttons on the printer panel to set hour and date of the printer.

To set the clock:

- switch Conta Dividi 801 on;
- press FEED and PRINT buttons at the same time: you will get the print of hour, date and an arrow indicating the number to be changed;
- every time you press PRINT button, the number increases and new print comes out;
- press FEED button again to change another number. Every time you will get a new up-to-date print and an arrow will show you the selected numbers;
- press PRINT and FEED buttons at the same time to end setting and switch Conta Dividi 801 off.

7. MAINTENANCE

7.1 Machine Cleaning

Conta Dividi 801 does not require a particular maintenance, but only a simple cleaning.

WARNING
Switch off and disconnect the machine from the mains power supply before cleaning

- A.** Ensure the machine is off.



Figure 1

<p style="text-align: center;">PROMEL FIRENZE - ITALIA</p>	<p>MI CD801 File consultabile in rete: \DGQ RGQ\DOCUMENTI UFFICIALI\MANUALI\MICD801\INGREV.X.DOC</p> <p style="text-align: center;">USER GUIDE CONTA DIVIDI 801</p>	<p style="text-align: right;">Rev. 0</p>
<p style="text-align: center;">UTP</p>		<p style="text-align: right;">Pag. 26 di 27</p>

- B.** Release the front carter of the machine pressing button as shown in fig. 2 and raise the front carter of the machine fig. 3.



Figure 2



Figure 3

- C.** Unscrew the knob of the coins pulling disk (6) and remove it upwards (fig. 4 and 5)




Figure 4



Figure 5

- D.** Clean the furnished brush the coins pulling disk (7) as shown in fig. 6

 <p>PROMEL FIRENZE - ITALIA</p>	<p>MI CD801 File consultabile in rete: \DGQ RGQ\DOCUMENTI UFFICIALI\MANUALI\MICD801\INGREV.X.DOC</p> <p>USER GUIDE CONTA DIVIDI 801</p>	<p>Rev. 0</p>
<p>UTP</p>	<p>Pag. 27 di 27</p>	

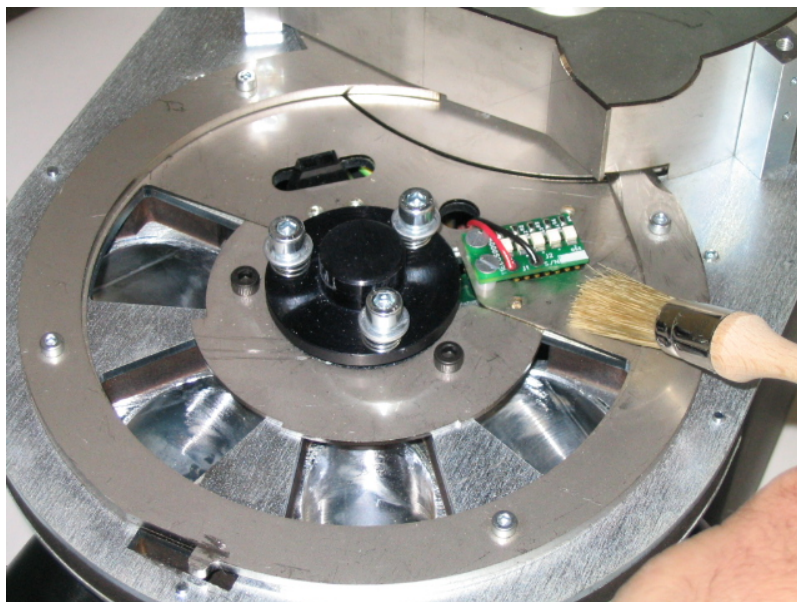


Figura 6

- E. Reassemble the coins pulling disk and close the machine

8. GUARANTEE

This machine is guaranteed for 24 months from purchase date (proof of purchase by delivery note) and covers all defects of materials or manufacture.

This guarantee covers none of the following:

- improper use;
- failure to use the machine in accordance with User Guide;
- use of the machine at a power supply non corresponding to what described on the id.plate;;
- repairs done by non-authorized staff;
- use of non-original spare-parts;
- non-authorized tampering;
- non-authorized alterations.

If during the period of guarantee a guaranteed defect occurs, the machine will be repaired at Manufacturer's charge. If sent to Manufacturer, packing and shipping will be at User's charge. The machine will then be shipped back carriage free. Non-guaranteed defects will be repaired charging the real price of repair, labour and spare-parts.