Contents

A-4 Compliments and accessories

Azkoyen provides a series of optional compliments that can be included in your Palma B machine so that it can adapt to practically any customer need. These accessories are described below.

A-4.1 Floor or wall anchoring

The machine can be anchored to the floor or wall using one of the various supplementary parts.

1 Floor-wall cabinet anchor

2 Cabinet screw

3 Wall-floor screw

FLOOR ANCHORING

WALL ANCHORING

A-4.2 Coin entry anti-vandalism kit

A coin entry anti-vandalism kit is available, which prevents liquids from being put into the machine through the coin entry slot and which is installed on the operator data panel.

This kit consists of the following parts:

1 Coin entry anti-vandalism assembly, ref. 09708400-0.

2 General security label cover sub-assembly, ref. 42920841-0.

3 General Palma B security label, ref. 19018371-0.

4 General front panel security label, ref. 19018361-0.

5 Coin guide anti-vandalism sub-assembly, ref. 42502120-0.

6 Coin shield cover sub-assembly, ref. 42920851-0.

In order to install this kit, follow the steps listed below:

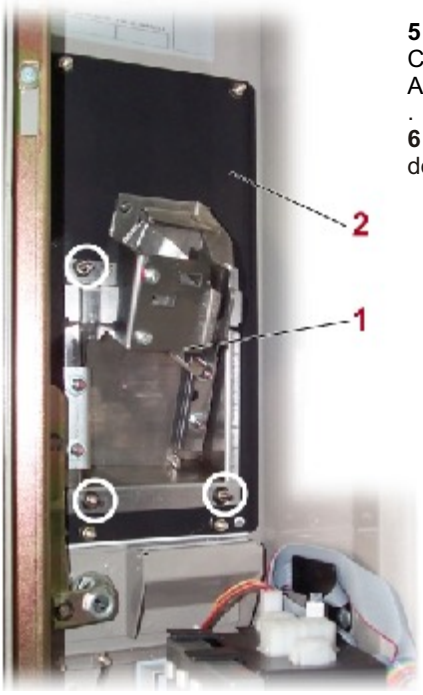
1 Remove the coin-guide by releasing the two nuts that fasten it to the machine. When removing it, also remove the rubber drain tube.

2 Release the Coin Shield by loosening the two screws as shown in the figure.

3 Release the Label Cover Sub-assembly by loosening the four nuts that fasten it. See figure.

Together with this part, also remove the General Label and the General Label Front Plate, which will be replaced by the ones in the kit.

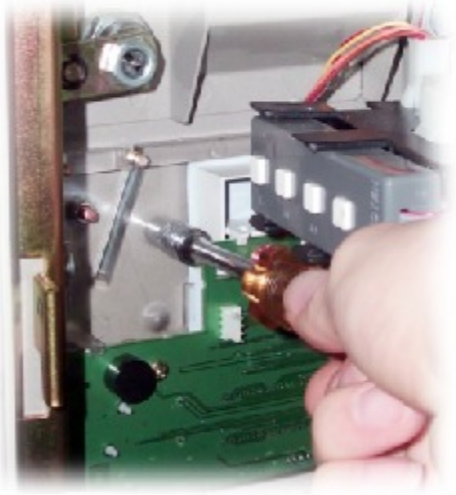
4 Install parts 2, 4, and 5 in the order shown in figure 21 on the four bolts of the trim cover, and fasten them with the nuts that were previously removed.



5 On the four bolts of the General Security Label Cover (2), install the Coin Entry Anti-vandalism Assembly (1).

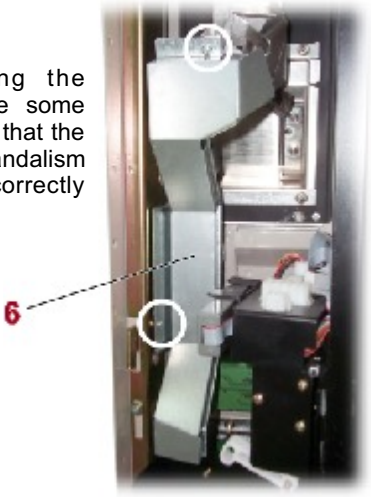
.

6 Sujetamos la Tapa Escudo Monedas en el lugar donde estaba el Escudo de Monedas. Ver figura.

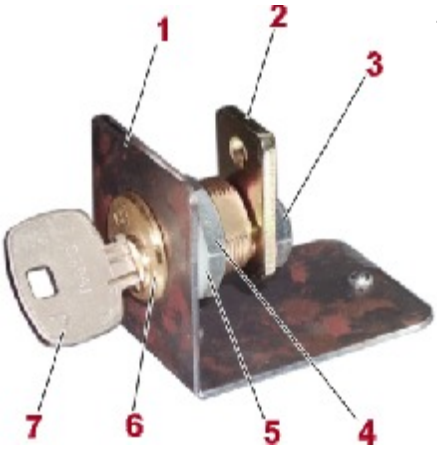


7 Remove the screws shown in figure 24 (one on the closing bar and the other on the Coin Entry Anti-vandalism Assembly) in order to use them to fasten the Coin Guide Anti-vandalism Sub-assembly (6), as shown in the figure.

8 After completing the installation, introduce some coins in order to test that the Coin Guide Anti-vandalism Sub-assembly is correctly installed.



A-4.3 Security coin bin kit



This kit consists of the following components:

1 Security coin bin sub-assembly

1 Coin lock support

1 STS lock

INSTALLATION

In order to install the security coin bin kit, the following operations must be performed:

1 Install the lock on the support in the position shown in the figure.

2 Remove the coin mechanism support from the machine and take out the normal coin bin.

3 Rivet the coin bin lock support, with the lock already installed, onto the coin mechanism support using the two existing holes.

If there are no holes, drill two new Ø4 holes at the positions indicated in the figure.

COIN MECHANISM SUPPORT

4 Verify that the lock opens and closes, and position the new security coin bin in place.

5 Return the Coin Mechanism Support to its position.

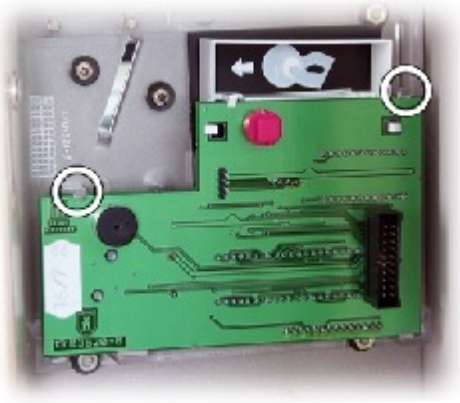
SECURITY COIN BIN

A-4.4 Infrared kit

The infrared kit consists of the following components:

A) Infrared transmission card.

b) Instructions.



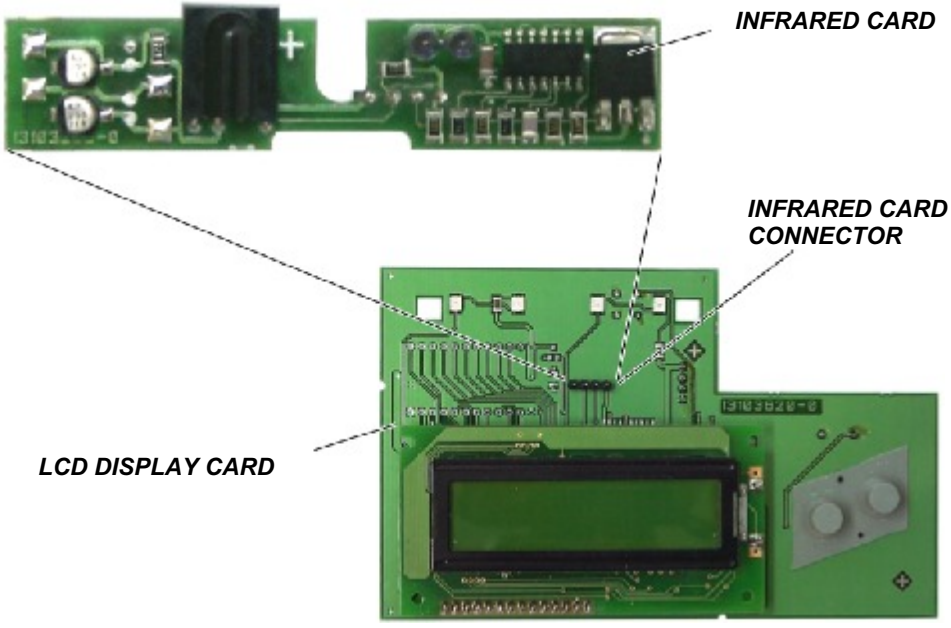
INSTALLATION

1 Open the door and turn off the machine.

2 Remove the Display card that is fastened by plastic clips. In order to facilitate this operation, the coin mechanism will have to be moved out as far as possible.

3 Install the Infrared Transmission Card on the four-pin connector available on the Display Card, as shown in the figure.

4 Put the Display Card back on.

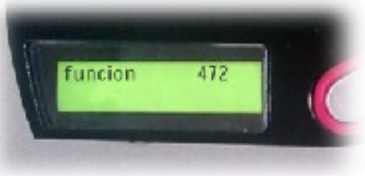


USE

Once the infrared card is installed, it is not necessary to do any programming or make any special configuration on the machine. The machine automatically uses the cards for carrying out transactions.

It will only be necessary to program the machine data for computer handling: the operator code (function 472) and the machine number (function 470).

Using the numerical editing mode, a four-digit code is programmed that identifies the operator to the machine.



If the operator does not program in his "data capture terminal" the same number that is programmed in the machine he will not be able to access the accounting data of the machine.

Next, access the function.

By using the numerical code, a seven-digit number is programmed that identifies the machine (a kind of serial number, but programmable by the operator in order to distinguish each machine and in order to be able to manage its use).

DATA EXTRACTION USING THE INFR-101 INFRARED MODULE

Before proceeding with the data extraction itself, it is essential to program in the infrared module the same operator code that the machine has (function 472).

In order to program the code, use the INFR-101 keypad.

Press ... and the following will be displayed.

ON — **F1 READ DATA**

↑ — **F2 DUMP DATA**

↓ — **F3 OPERATOR CODE**

EXE

By keying in the same four-digit figure that is programmed in the machines (function 472), the module will automatically respond:

"END OF OPERATOR CODE"

DATA EXTRACTION OPERATING METHOD

Position yourself in front of the machine as indicated in attached figure, and if the infrared module is already on, move through the various functions by using the "Arrow up" ⇧ nd/or "Arrow down"keys ⇩ .

Turn the module on if it is not already.

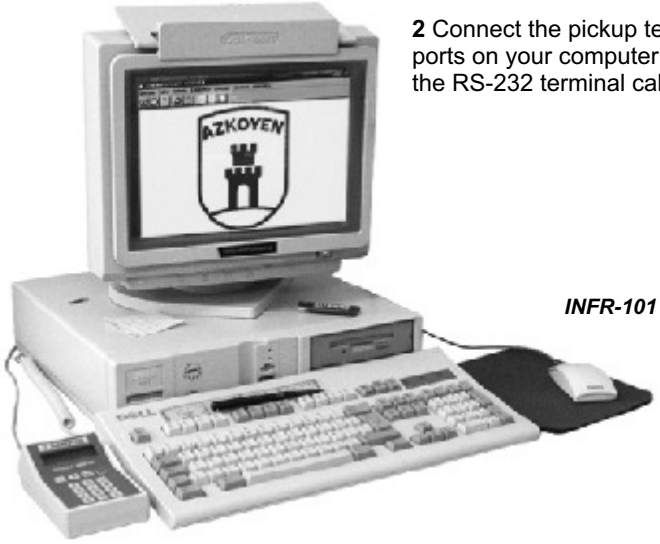
After a few moments, the following message will appear on the infrared module:

"CORRECT READING"

BASIC ACCOUNTING PROGRAM FOR AUTOMATIC VENDING MACHINES

Prior conditions:

1 Have a demonstration program installed in your computer.



INFR-101 MODULE CONNECTION TO A PC

2 Connect the pickup terminal to one of the serial ports on your computer (COM1 or COM2) using the RS-232 terminal cable supplied by Azkoyen.

Execute the basic accounting program and the computer will show the following screen:

By clicking on the infrared terminal icon, this other screen will be displayed.

Next, turn on the infrared terminal:

F1 READ DATA
F2 DOWNLOAD DATA

If the data is downloaded correctly, the computer will display the following:

"COMMUNICATIONS COMPLETED SATISFACTORILY”

The program allows obtaining consumption statistics, both weekly as well as monthly, and accounting data that can be grouped together in various ways (by zones, locations, and machine families).

The data can be summarised or detailed and can be displayed on screen or downloaded to a printer.

INFR-101 COMMUNICATIONS MODULE

The INFR-101 module is a data receiving system for vending machines using infrared or a cable, and it is a data transmission system that uses an RS-232 serial port connected to a computer.

GENERAL SPECIFICATIONS

Power supply voltage: 9 DCV from an alkaline battery.

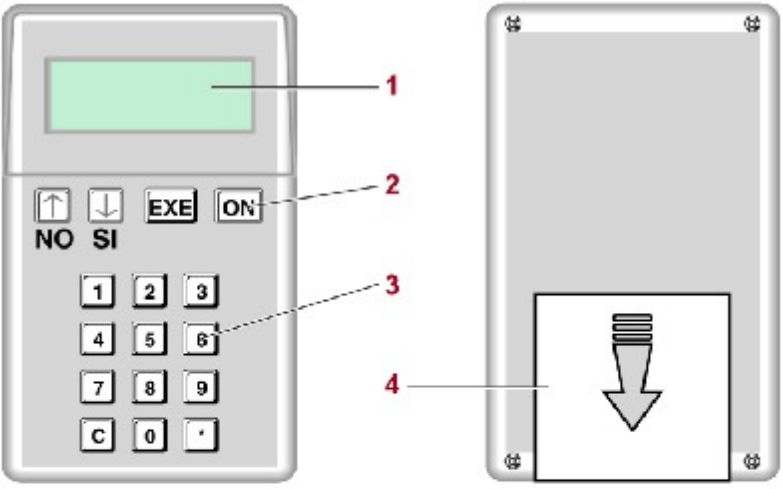
Internal memory: 8 Kbytes of RAM and 128 Kbytes of data with the capacity to store approximately 1000 machines.

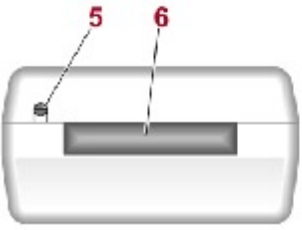
Dimensions: 150 x 92 x 50 mm.

Weight: 265 g.

Effective distance: Between 0.25 and 1 meter from the machine.

Operating temperature: Between 5º C and 50º C.





1 Informational screen

2 Function keypad

3 Numerical keypad

4 Battery compartment

5 Transmission connector

6 Infrared receiver/transmitter

OPERATIONAL DESCRIPTION

ON Connection/disconnection: by pressing ON

The screen shows the messages of the various functions one by one.

⇧ ⇩ In order to go forward and back through the functions or options presented on the screen, press the up or down arrow keys.

3 In order to access a function directly, just enter its number on the keypad.

EXE In order to execute a function, press EXE.

C In order to cancel the execution of a function, press C.

BATTERY CHANGE

Remove the battery compartment cover (figure 39, position 6) by pressing in the direction of the arrow.

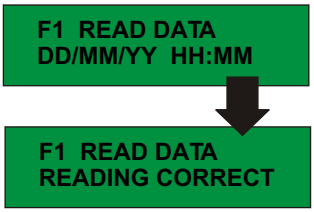
Put in the new battery according to the polarity signs engraved on the compartment.

DESCRIPTION OF FUNCTIONS

In order to reach the various functions, there are two methods:

1 On the numerical keypad, enter the digit corresponding to the desired function and access the function directly.

2 By repeatedly pressing the up or down arrows, the functions can be accessed one by one.



Press EXE: Wait a few seconds and the screen will indicate if the data has been read correctly, or it will indicate any kind of error that has occurred.

F1- READ DATA REPEATED READING	Other kinds of messages are also possible: The reading is exactly the same as the last one taken.
F1 READ DATA ACCESS DENIED	The operator code of the module does not coincide with the machine code.

DOWNLOADING DATA TO THE COMPUTER

Connect the module to the computer by using the connector located on top and press EXE.

F2 DOWNLOAD DATA
23 READINGS

EXE

F2 DOWNLOAD DATA
TRANSMITTING

Other possible messages may be the following:

F2 DOWNLOAD DATA END OF TRANSMISSION	The data download to the computer has been completed satisfactorily.
F2 DOWNLOAD DATA THERE IS NO DATA	There are no readings stored.
F2 DOWNLOAD DATA DATA DAMAGED	The download has been performed, but an error in the stored data has been detected.

OPERATOR CODE CHANGE

F3 OPERATOR CODE
DD/MM/YY HH:MM

Press EXE. The module will request that the new operator code be entered.

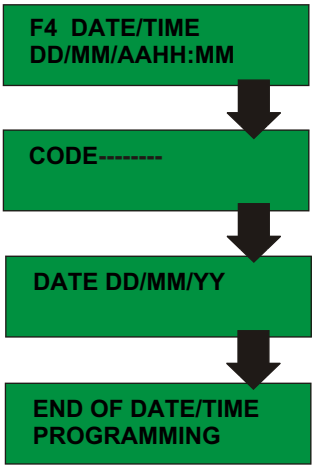
EXE

CODE -----

Enter the combination using the numerical keypad.

END OF OPERATOR
CODE PROGRAMMING

CHANGE DATE AND TIME



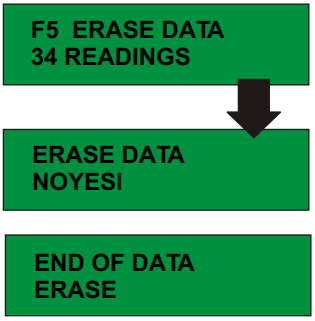
Press EXE. The currently programmed time will appear blinking. In order to change the time, press the up or down arrows and the values will increase or decrease.

Once the hour is programmed, press EXE and program the minutes.

By pressing EXE when finished, the date can be changed. Proceed in the same manner

When programming is finished, the screen will confirm the end of the function.

ERASING THE READINGS TAKEN



Press EXE and the module will ask for the order to be confirmed. The keys represent the following:

⇧ Arrow up = NO

⇩ Arrow down = YES

If NO is pressed, it will return to the original function. If YES is pressed, the machine will confirm the action taken.

CONFIGURING THE TRANSMISSION MODE AND SPEED

Press EXE and the screen will show the following options to be programmed:

⇧ Arrow up to advance

⇩ Arrow down to go back

EXE To confirm the choice and proceed with programming

DATA READING
VTM 1200 B

Select the kind of data reading desired. The kind of reading is chosen by pressing the up or down keys

THE DEFAULT
CONFIGURATION IS 1200

EXE

The choice is validated by pressing EXE.

SELECTING THE LANGUAGE FOR THE MODULE MESSAGES

LANGUAGE
SPANISH

Select the language to use on the module messages: SPANISH or ENGLISH

EXE

Press EXE to confirm.

IN ORDER TO SEE THE PERCENTAGE OF MEMORY OCCUPIED

F7- OCCUPIED MEMORY
XX 96

EXE

Press EXE.

It will show the percentage of memory occupied, as well as a representative graph.

ERROR MESSAGES

F1 READ DATA
ERROR

Communication has not been established correctly.
Position the module closer to the machine.
Check the configuration.

F2- VOLCAR DATOS
ERROR

Communications with the computer has not been established correctly.
Position the module closer to the machine.
Check the configuration.

DATA DAMAGED

Error in the data.

MEMORY FULL

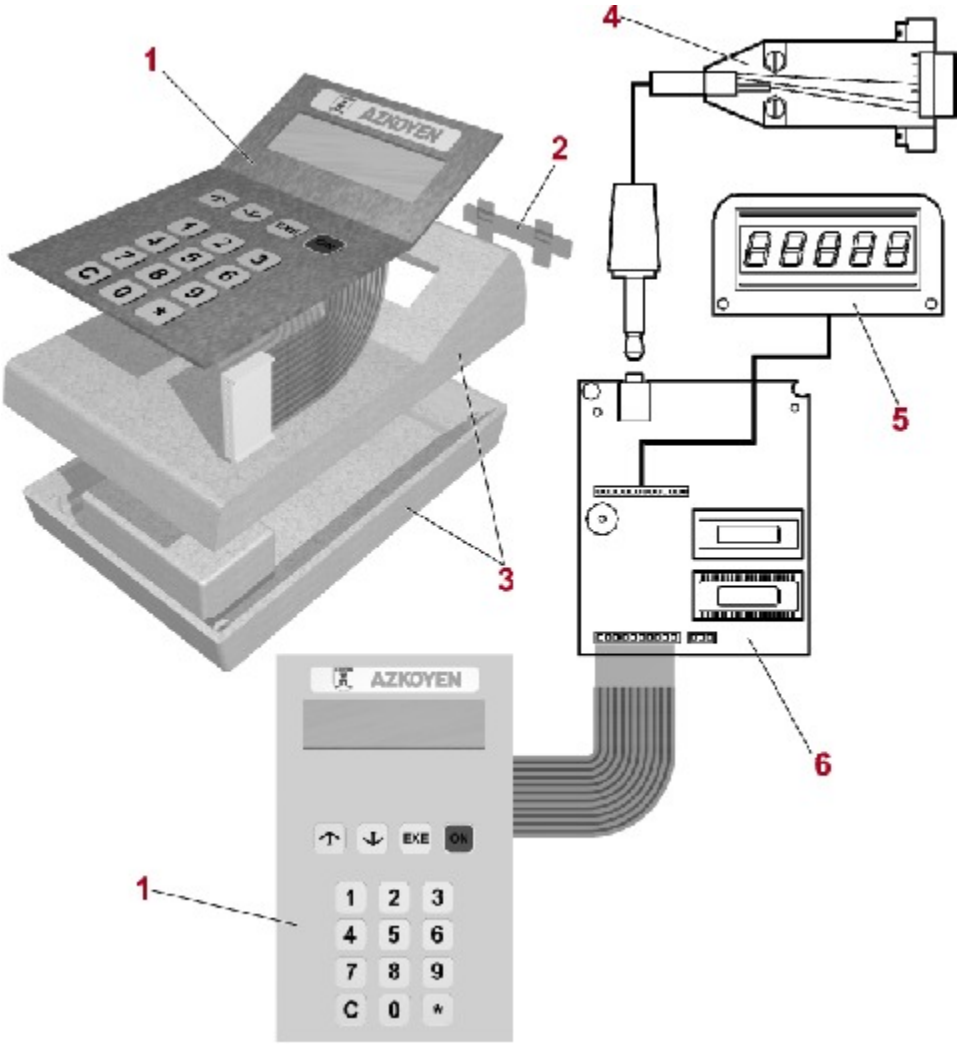
MemoryThe memory capacity is full.
Execute F5 ERASE DATA

MEMORY FULL

The battery has been depleted.
Replace the battery.

TECHNICAL BREAKDOWN

1	43900170-0	INFRARED MODULE MEMBRANE KEYPAD
2	11017441-0	INFRARED SCREEN
3	39011020-0	INFRARED MODULE
4	43209330-0	RS-232 INFR-101-P CABLE BUNDLE
5	43306520-0	INFR-101 DISPLAY ASSEMBLY
6	43307440-0	INFRARED 101 CARD



A-4.5 RS-232 CONNECTOR KIT

The kit consists of the following components:

1 RS-232 "N" cable bundle

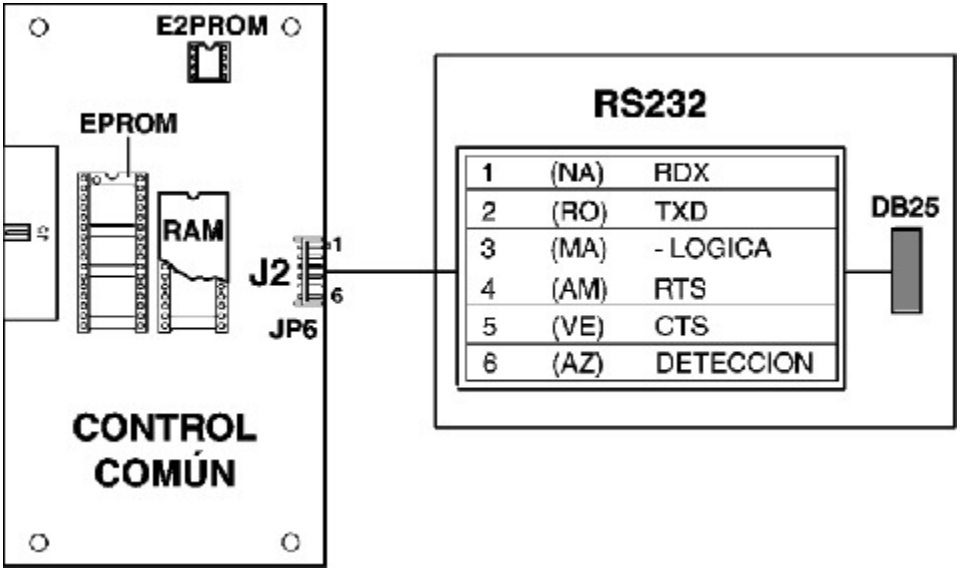
1 RS-232 connector support

1 7 x ¼ screw w/alom

INSTALLATION

1 Screw on the 25-way connector base to the cabinet.

2 Connect the 6-way terminal to the J2 connector of the control card.



A-4.6 Seiko DPU-414 printer kit

In order to use this printer, it is necessary to first install the RS-232 kit for the machine.

This printer kit consists of the following components:

One Seiko DPU-414 printer (with batteries and charger).

One RS-232 cable connection, from DB25 to Db9.

One instruction manual.

PRINTER PROGRAMMING

In order to enter printer programming, the printer must be turned on while the "ON LINE" button is pressed. The printer will then print its current programming and then show the following messages:

"Continue?: Press 'On-line SW'"
"Write?: Press 'Paper feed SW'"

In order to exit programming, press the "FEED" button, and in order to change the programming, press the "ON LINE" button.

If programming is selected, it begins at DIP SW-1. Point "1" must then be programmed, for which there are two options:

An "ON" by pressing the "ON LINE" button.
An "OFF" by pressing the "FEED" button.

And thus the points 2, 3, 4, 5, 6, 7, and 8 will be programmed successively. After completing the DIP SW-1 programming, the following messages are displayed again:

"Continue?: Press 'On-line SW'"
"Write?:Press 'Paper feed SW'"

In order to continue, the DIP SW-2 is displayed, and likewise the DIP SW-3.

The options to program on the printer are indicated in the tables below:

Dip SW-1

1	(OFF):	Imput = Serial
2	(OFF):	Printing Speed = High
3	(ON):	Auto Loading = ON
4	(OFF):	Auto LF = OFF
5	(ON):	Setting Command = Enable
6	(OFF):	Printing
7	(ON):	Density
8	(ON):	=100%

Continue?: Push "On-Line SW"
Write?: Push "Paper feed SW"

Dip SW-2

1	(ON):	Printing Columns = 40
2	(ON):	User Font Back-up = Normal
3	(ON):	Character Select = Normal
4	(ON):	Zero - Normal
5	(ON):	International
6	(OFF) :	Character
7	(ON) :	Set
8	(OFF):	= Spain 1

Continue?: Push "On-Line SW"
Write?: Push "Paper feed SW"

Dip SW-3

1	(ON):	Data Lenght = 8 bits
2	(ON):	Parity Setting = No
3	(ON):	Parity Condition = Odd
4	(ON):	Busy Control = H/W Busy
5	(OFF):	Baud
6	(ON):	Rate
7	(ON):	Select
8	(ON):	= 9600 bps

Continue?: Push "On-Line SW"
Write?: Push "Paper feed SW"
DIP SW setting complete!!

In order to start printing, execute machine function 010.