

My Laundry

Laundrette activation system



## **Operating Manual**

Cod. DMLVM00001.1EN

Rev. 1.1 18 – 11 – 2014



## **GUIDE TO THE SYMBOLS IN THIS MANUAL**

The following symbols have been included in this manual to facilitate its consultation.



Important information



Read carefully before use



Caution!



THE MANUFACTURER: Comesterogroup s.r.l. via M. Curie 8,20060 Gessate MI

DECLARES

That the product:

TYPE: laundrette activation system BRAND: Comesterogroup MODEL: My Laundry 2004/108/ EEC

Is conform to the following European Directives, including their latest amendments, as well as to the national implementation legislation

And that the following harmonised standards have been applied:

EN 61000-6-2 EN 61000-6-3 EN 60355-2-82

Gessate, 15.05.09 Riccardo Chionna , CEO Comesterogroup s.r.l.

place

## SAFETY INFORMATION

To prevent damages caused by short circuits and fires, this machine is equipped with safety devices.



These devices must not, under any circumstance, be excluded from the circuit, nor must they be removed

Should they be deactivated to carry out maintenance or repair operations, it is possible to operate on the equipment only in absence of electric power.



The safety devices have been made in compliance with the regulations in force.

The operator must regularly verify the efficiency of the equipment.

## Possible hazards from machine use

If kept in good conditions and if installed correctly (according to the indications in this manual), the machine does not expose the user to any kind of hazards.

The personnel in charge of loading the dispensers, starting up the equipment and of the machine maintenance, must bear in mind that: all moving parts, doors and cashpoint, can cause various types of injuries if not handled correctly; moreover, it is important to disconnect the power supply for any operation carried out on the open equipment (maintenance, etc.)



Risks from electricity: direct contacts during its connection to the main power supply.

Operations to be carried out by qualified personnel.



Crushing risk when handling the moving components of the equipment.

The compartments must be opened and closed slowly and carefully.

### Risks during installation and preparation of the device

Follow the installation instructions (paragraph 9), in order to minimise risks to people and objects.



Crushing risk when positioning the equipment and handling its moving components.

All equipment transport operations must be carried out by **qualified personnel** in load handling operations (forklift operators, etc.).

Precautions:

- Use adequate lifting devices and harnesses.
- Carry out operations in areas that are free from obstacles and people.
- Before lifting the load, verify its stability and perform all movements with caution.



Risks from electricity: direct contacts during its connection to the main power supply. Operations to be carried out by qualified personnel.

#### Precautions:

- Make sure that the distribution line is sized according to the intensity of the current absorbed by the machine.
- Carry out the earth connection before connecting equipment or aggregate devices.

### Risks during the maintenance of the device



**Risks from electricity**: direct contact with live parts inside the electrical components cabinet. Operations to be carried out by **gualified personnel**.

Precautions:

• Operate on the machine only after ensuring that the main power switch is turned off

### Signs

The equipment is equipped with signs consisting of warning labels located near the hazardous areas that bear conventional danger symbols.



## GENERAL GUARANTEE CONDITIONS

# Please read the following carefully in order to understand the general warranty conditions for this product.

#### ART. 1 - Scope of application

These general terms and conditions shall apply to all the goods and services provided by our company. Placed orders shall imply the full and unconditional acceptance of these general terms and conditions of sale. The contract of sale shall be considered perfected when the Purchaser receives the order confirmation from the Seller.

#### ART. 2 - Electromagnetic compatibility and safety

Our company certifies that the supplied goods comply with the standards concerning electromagnetic compatibility and safety; mandatory declarations are indicated in detail in the plates and labels affixed on the products and in the technical documentation attached or available at our premises. The recipients of the supply undertake to use or market the supplied goods, ensuring the integrity, completeness and usability of such information.

#### ART. 3 – Warranty

Except in cases where the mandatory provisions in Leg. Decree No. 206/2005 ("Consumer Code") or in other relevant laws are to be applied, the goods and services are supplied under warranty by our company for a period of 12 months. This period starts from the date of purchase of the product. The warranty is exclusively limited to the normal operation of the goods supplied and to the result of the service provided. The warranty exclusively involves the repairs or replacement of the goods. Restoration of the goods to their normal operative state shall be carried out in our factory. Although not provided for here, Art. 1512 CC is also applicable in terms of revocation and limitation.

Our company shall not be liable in any way for operation of goods supplied in environmental conditions or technical conditions other than those established by our specifications, usually set out in the technical documentation. Any liability for direct or indirect damage not deriving from a malfunction is expressly excluded.

The warranty is void and null if the purchaser is insolvent in paying the established price.

The warranty does not apply in the following cases:

lack of or improper maintenance, even if carried out by qualified personnel;

repairs or alterations made by the purchaser on his unilateral initiative;

inadequate or irregular voltage in the power lines, insufficient flow rate and abnormal electrical systems;

corrosive action of detergents;

poor or non-functioning software or hardware or loss of data recorded by the purchaser as a result of storms, lightning, high temperature or voltage variations of the electric current, earthquakes, fire, etc.;

with reference to all the electrical components and mechanical plastic moving parts subject to normal wear, which must be replaced during routine maintenance; where the products have been used in conjunction with or incorporated into equipment or materials whose specifications have not been approved in writing by the selling company;

tampering with the label showing the serial number of the machine;

fault or breakage due to transport, acts of vandalism, natural calamities or wilful damage;

wrong or bad installation of the product;

carelessness, negligence or lack of skill in using the product;

failure to comply with the operating instructions in the technical manual;

interventions for alleged defects or casual checks;

repairs carried out without our authorization.

Malfunctioning of the machine due to the software not being upgraded is not considered a defect. Comesterogroup is not obliged in any way to upgrade the software free of charge or upgrade the mechanical components which may be necessary due to new coins or banknotes being introduced by the Italian and European authorities, when repairing a product that is covered by the warranty. However, such upgrades could still be requested from Comesterogroup and the company is obliged to send a quotation to the customer prior to intervention.

Any repair or tampering carried out on the supplied goods by subjects who are not authorized by us will render the warranty null and void.

We declare to have carefully considered, to the best of our knowledge and manufacturing practices, the issue related to preventing the goods supplied from being violated by persons who intentionally intend to alter their operation. However, we shall no assume any liability for illegal conduct or damage that may result fraudulent use of the goods supplied. All required repairs not covered by the warranty must be paid for and the Comesterogroup price list shall apply whose updates are regularly communicated.

#### ART. 4 – Limitation of Liability

Notwithstanding the hypotheses in art. 1229 of the Italian Civil Code and notwithstanding the mandatory provisions of law, for every damage caused directly or indirectly by failures or delays of the Seller or by the purchased products to objects or persons, including but not limited to lost profits and damage to the corporate image, the compensation payable by the Seller shall not exceed, in any case, 10% of the amount paid by the Purchaser for the product that caused the damage.

#### ART. 5 – Delivery

The goods subject of the supply are considered delivered at the time and in the place they are passed on to the carrier; therefore, our company shall not be held liable for total or partial shortages, damage or delays related to transport. Upon delivery, the recipient must duly note any errors or damage on the bill of lading. The Purchaser's refusal to accept or collect all or part of the ordered goods does not suspend obligation to pay. The terms of delivery indicated in the order confirmation allow for a grace period of 60 days. Upon delivery, the Purchaser must carry out a complete technical verification of the quality and functionality of the product within eight days. If not, the product shall be considered accepted without reservations or objections by the Purchaser.

### ART. 6 - Retention of Title

The supplied goods shall remain the property of our company until full payment of the price has been made. In the event of termination of the contract for non-payment, the Seller is entitled to claim the unpaid items held by the Purchaser, which must be returned at the Purchaser's expense. All sums already paid will be retained by the seller as compensation and penalty.

### ART. 7 - Terms of payment

Invoices must be paid in accordance with the agreements and within the deadline specified on the invoice. Any delay in payment will automatically result, without the need of formal notice, the application of interest at the rate stipulated in Legislative Decree no. 231 of 9.10.2002, unless agreed otherwise. If the purchaser delays, each benefit in the terms and conditions that may have been granted shall be deemed null and void and the seller may demand immediate payment of all outstanding amounts as well as of additional orders on receipt of the goods.

### ART. 8 – Returns

Return of faulty goods or of goods requiring our assistance must be expressly authorised by us. Therefore, we reserve the right to reject the return or ask you to return the good to another destination other than our headquarters. We shall be liable for the goods only when it will be delivered to the indicated address.

#### ART. 9 - Applicable law and court of jurisdiction

The supplies regulated by these general terms and conditions are governed by Italian law. Any dispute shall be resolved by the Court of Milan.

#### Dear customer,

Thank you for choosing a Comesterogroup product; by carefully following the indications of this instruction manual, you will be able to appreciate over time, and with much satisfaction, the quality of our machines.

Please read the use and maintenance instructions carefully and comply with all safety precautions before using the equipment. Keep this manual for future reference.

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# **1. Introduction**

This manual and its annexes provide all the necessary information for a correct installation of the product and all its components, as well as for its correct use and maintenance. The information contained in this manual can be modified without prior notice and does not constitute a commitment on behalf of Comesterogroup.

The latest version of the manual is always available online (<u>http://www.comesterogroup.com</u>).

The information contained in this manual has been collected and verified with the utmost care; however, Comesterogroup has no liability arising from its use.

Unless otherwise stated, any reference to companies (other than Comesterogroup), names, dates, and addresses is purely coincidental and has the sole purpose to illustrate the use of the product. The reproduction of any part of this manual without prior authorisation by Comesterogroup is prohibited.

# 2. Product description

The new My Laundry has been designed to provide the self-service laundry market with a centralised cash-point of the highest quality at an extremely competitive price.

My Laundry can manage up to 12 different washing and drying machines and, for each of its 12 programmes available, it accepts cash (coins or banknotes) or card payments.

All operations are extremely simple and intuitive, thanks to the messages that appear on its wide display and to the 4 buttons that have different functions according to the situation.

My Laundry offers a large number of advantages in terms user-friendly settings, firmware update and data export, thanks to its structure designed entirely around the Mifare WorldKey system.

Safety is ensured by a 3-point European cylinder lock.

My Laundry can be either built-in or wall-mounted.

## 3. Warnings



Read this manual carefully before installation

Knowledge of the information and instructions of this manual is fundamental to use the product correctly.

The indications and information contained in this manual are essential for a correct use of the product.

Upon receiving your product, make sure it has not been damaged during transport. Pay attention to the electrical connections. Faults and malfunctions deriving from noncompliance with the instructions contained in this manual are not covered by guarantee. In this document, symbols are used to highlight important aspects that must be carefully observed.

# 4. Handling and unpacking

## 4.1 Delivery of the packaged product

Upon receiving your product, make sure it has not been damaged during transport. Should you notice damage of whatever nature, contact the delivery company and immediately file a complaint.

Following transport, the package must be intact, i.e., it must *not* show:

- Dents, signs of knocks, deformation or rupture of the packaging.
- Wet or damp patches or signs which indicate that the package has been exposed to rain, frost or heat.
- Signs of tampering.

After a first inspection, reinsert the machine in its packaging to bring it to its final point of installation.

## 4.2 Handling



To prevent any damages to the machine, we recommend handling it inside its original packaging using adequate transport equipment. Follow carefully the handling instructions printed on the box. Considering the weight of the equipment, we recommend handling My Laundry only by means of automatic or manual forklifts; should this not be possible, slide the cash-point on its base or on an axis equipped with wheels to the point of installation.

We recommend:

not to drag the equipment

*not* to tilt or place the packaging on its side during transport or when handling it *not* to knock the equipment

not to leave the machine exposed to weather agents (even if inside its packaging)

## 4.3 Unpacking



The equipment is delivered, following commissioning, in a corrugated cardboard packaging, which ensures its integrity during transport and handling.

To simplify loading/unloading of the product, even by means of adequate machines (transpallets), the box is laid on a wooden pallet.

Follow the instructions printed on the box to unpack the equipment.

Both the cardboard packaging and the pallet comply with the standards regarding recycling and disposal (follow the regulations in force in your country).

## 5. Installation

## **5.1 Preliminary operations**

Before installing My Laundry, it is important to make sure all the machines have been correctly connected to the various services. In particular:

- Make sure that the washing and drying machines are set to be connected to the payment system (in case, verify with the machine supplier).
- Make sure you have the wiring and connection diagrams of all the machines to be connected available.
- Connect all the machines to the relative systems (electrical, water, gas and discharge) in compliance with the regulations in force.
- Make sure there is a grounded socket near the My Laundry; we also recommend providing a lighting point near the cash-point.
- Before installing the cash-point, arrange the connection cables i towards the machines in cable ducts designed for this purpose.

The cash-point can be installed in three different manners according to the customer's requirements.

#### Recessed

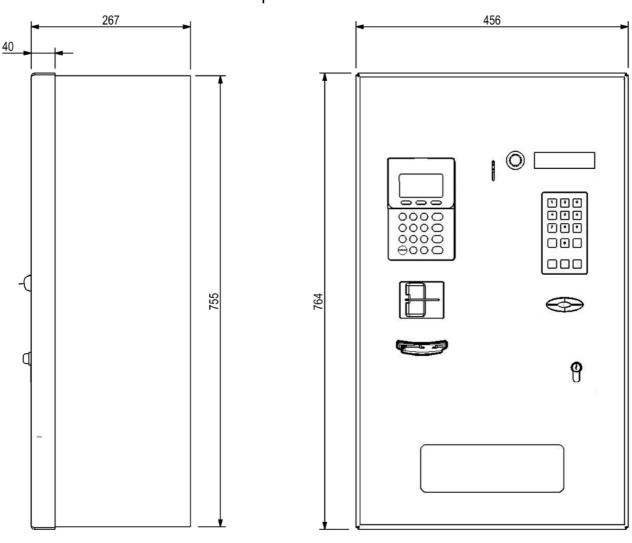
My Laundry machine can be wall recessed mounted by means of a bracket.

#### Wall-mounted

My Laundry machine has four pre-cut holes on the back of the cabinet for fastening it to the wall by means of plugs.

## **5.2 Overall dimensions**

Below is a series of images that show the overall dimensions of the equipment in its two installation options. Choose with care the place where to install the equipment to ensure adequate stability.

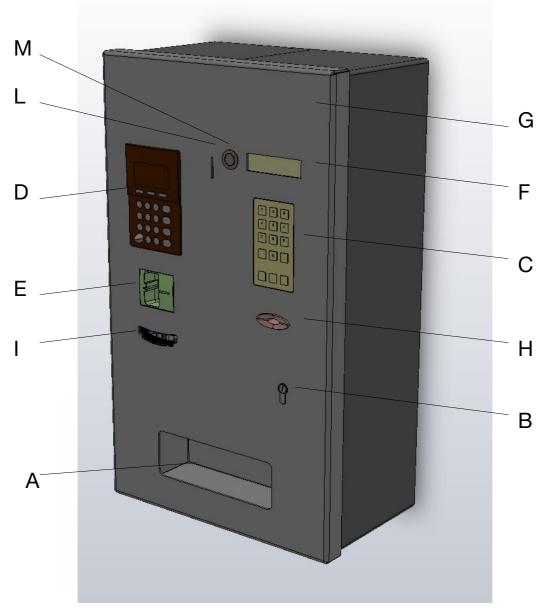


Suspended version

Fig. 1

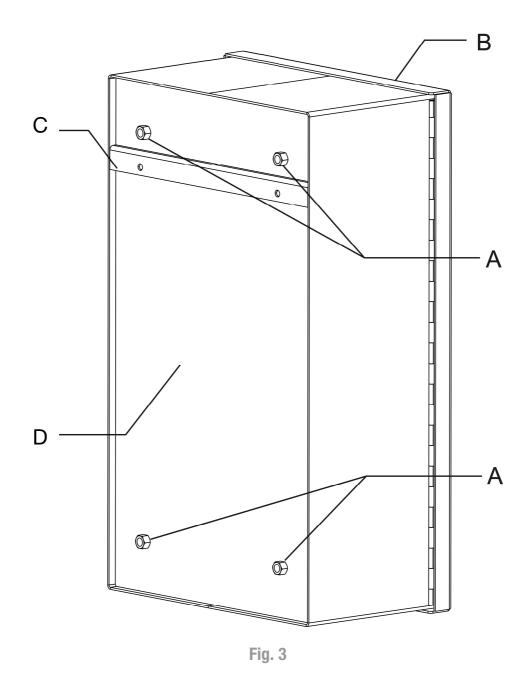
## 5.3 Name of the parts

### 5.3.1 External view





- A. Change container.
- B. Lock.
- C. Equipment selection keyboard.
- D. Bank card keyboard (optional).
- E. Display.
- F. Luminous plate (customisable).
- G. Door.
- H. Card reader
- I. Banknote reader.
- J. Coin acceptance.
- K. Refund button.



- A. Recessed fastening bracket/holes for fastening to the wall.
- B. Door.
- C. Wall hooking plate.
- D. Cabinet.

## 5.3.2 Internal view (Door)

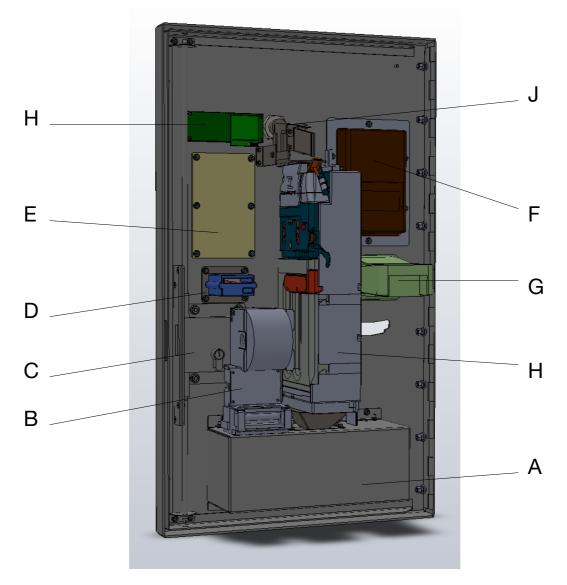


Fig. 4

- A. Cashbox.
- B. Printer (optional).
- C. Lock.
- D. Cards / fidelity keys reader
- E. Device selection keyboard.
- F. Credit card keyboard (optional).
- G. Credit card reader (optional)
- H. Main screen.
- I. Electronic change giver RR6 HD PRO
- J. Refund button.

### 5.3.3 KPM Version Internal view (15 machines max)

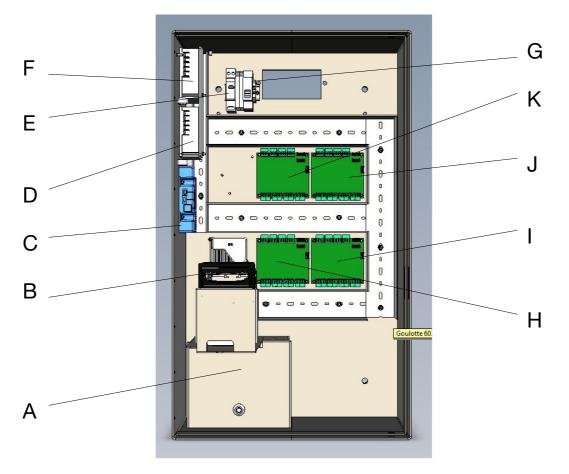
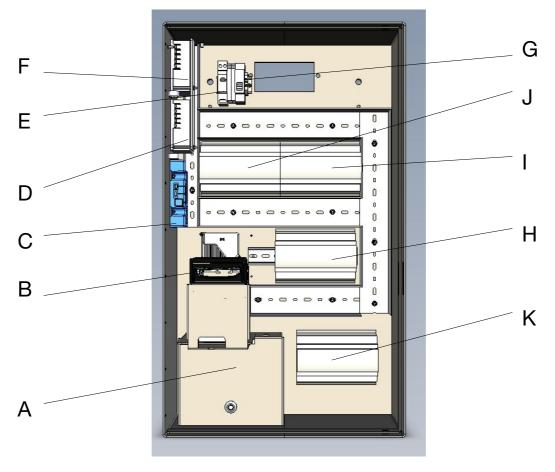


Fig. 5

- A. Locked till protection.
- B. NV9 note validator.
- C. CPU.
- D. Power supply 12VDC.
- E. Main switch.
- F. Power supply 24V.
- G. Menu access push-button.
- H. KMP 1 Input/Output Card (machines 1-4).
- I. KMP 2 Input/Output Card (machines 5-8).
- J. KMP 3 Optional Input/Output Card (machines 9-12).
- K. KMP 4 Optional Input/Output Card (machines 13-15).

#### 5.3.4 RIO Version Internal view (31 machines max)



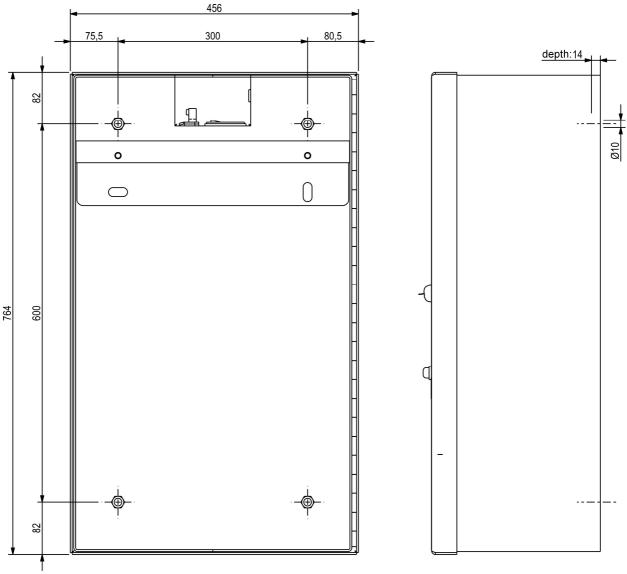


- A. Locked till protection.
- B. NV9 note validator.
- C. CPU.
- D. Power supply 12VDC.
- E. Main switch.
- F. Power supply 24V.
- G. Menu access push-button.
- H. RIO 1 Input/Output Card (machines 1-8).
- I. RIO 2 Input/Output Card (machines 9-16).
- J. RIO 3 Optional Input/Output Card (machines 17-24).
- K. RIO 4 Optional Input/Output Card (machines 25-31).

### 5.4 Wall installation

The figure below [Fig. 6] shows the heights [in mm] for fastening My Laundry to the wall by means of plugs.

My Laundry has four pre-cut holes on the back of the cabinet for fastening it to the wall by means of plugs. Plugs must be chosen according to the wall and the weight of the equipment which is approximately 500 N [≈50 Kg].



**Fig. 7** 

Alternatively, the equipment may be suspended by means of a bracket, which allows greater adjustment (see figure below).

In this case, use the plugs to lock the wall bracket, levelling it through the eyeholes in the bracket. At this point, insert the My Laundry on the bracket locking the vertical movement by means of 2 TE M8x16 screws with relative washers; then fasten the lower part of the equipment to the wall by means of 2 washers in order to prevent tears to the frame.

## 5.5 Built-in installation

My Laundry can be wall recessed mounted by means of a bracket. Fasten the bracket to the rear of the My Laundry by means of 4 M12x25 screws, with relative Ø12 flat and grower washers [see Fig. 9]. Insert the equipment in the previously created groove closing the machine on the wall by means of the counterflange using 4 M8 nuts (interposing the relative Ø8 flat washers) and locking all by means of 4 M8 counter nuts [see Fig. 10]. Figure 8 shows the groove that must be performed on the wall to allow the My Laundry recessed installation.

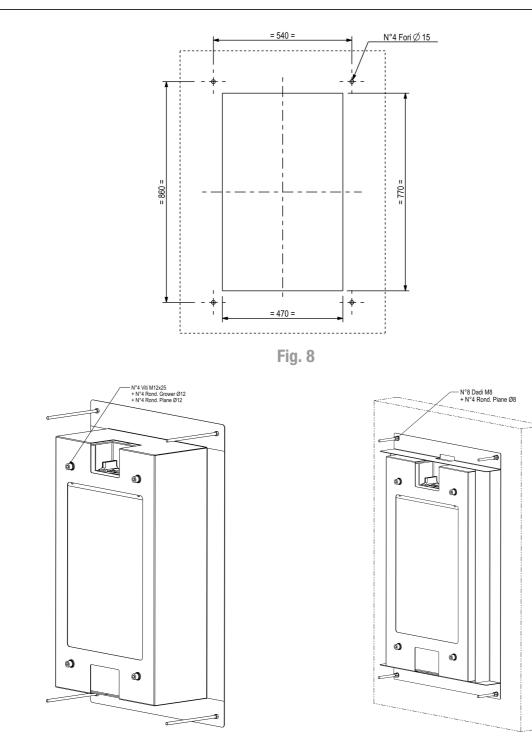


Fig. 9

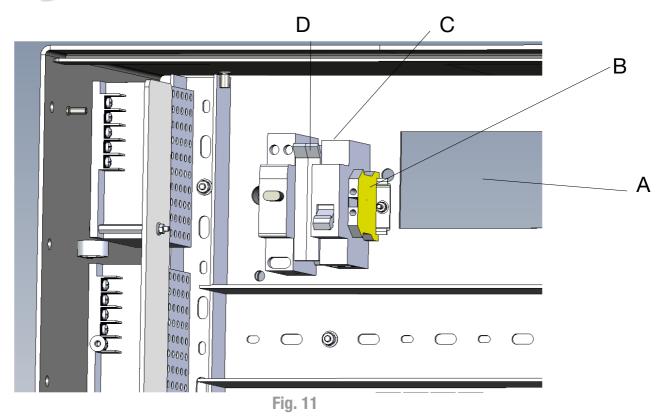


TRANSLATION		
N.4 fori Ø15	N.4 holes Ø15	
N.4 Viti M12x25	N.4 Screws M12x25	
N.4 Rond. Grower Ø12	N.4 Grower Washers Ø12	
N.4 Rond. Piane Ø12	N.4 Flat Washers Ø12	
N.8 Dadi M8	N.8 Nuts M8	
N.4 Rond. Piane Ø8	N.4 Flat Washers Ø8	

## **6.** Connections



Before connecting the equipment to the electric mains, make sure that the main switch, is set to "0", off, as shown in the figure below.



- A. Opening for cable inlet.
- B. Earth terminal.
- C. Master switch (connect phase/neutral).
- D. Fuses 220V.



Make sure that the distribution line is sized according to the intensity of the current absorbed by the machine. Carry out the earth connection before connecting equipment or aggregate devices.

#### Note:

As for installation, please refer to the specific standard regarding protection against electrical contacts.

All My Laundry electric connections are installed on the machine except for:

- Connection to the 230 Vac 50 Hz electric mains.
- Connections to the machines (a control line, a busy return for each machine).

## **6.1 Preliminary operations**

- My Laundry must be already placed on the wall or in its housing.
- The power supply and signal cables must be already in place, starting from the cash-point and reaching all the machines without interruptions.
- To simplify the connections, ensure a greater cable length near the cash-point and all the machines (approximately 1 metre).
- The presence of qualified personnel that know the washing and drying machines perfectly is required.



It is important to have all the technical information regarding the duration of the washing/drying machine input enabling signal (amount of time required by the machines to receive the consent signal from the cash-point).

Make sure the electrical features of the outlet to which you want to connect the equipment are suitable for the appliance and that it is protected by a differential circuit breaker with a suitable value.

#### Note:

Make sure the system is voltage free before connecting it to the mains.

## 6.2 Electric connection

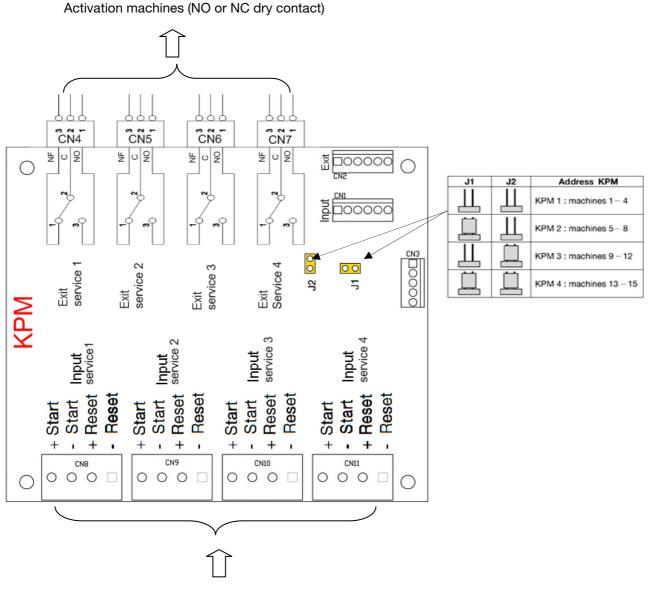
The client is responsible for connecting the equipment to the electric mains and creating a system in compliance with IEC 64-8 standard "Electric plant using nominal voltages not higher than 100V in alternating current".

Bring the power cable, the neutral, the phase and the ground, to the rear of the cabinet, and connect it to the master switch (see Fig.12 here above).

## 6.3 Connecting the machines on the KPM cards

The KPM input/output cards can control the washing machines or tumble-dryers in the room.

Each card is associated with 4 appliances. Each card must be connected in the same way, as shown below.



Machines busy (5 to 30 VDC/VAC)

Fig. 12

#### CN4, CN5, CN6, CN7 connectors

These are the connectors to activate the machines (washing machines/tumble dryers). They provide a full changeover contact. Connect them based on what the machine needs to be able to start (usually the NF contact).

These connectors control machines 1 to 4 for KPM 1, 5 to 8 for KPM 2, etc., respectively.

#### CN8, CN9, CN10, CN11 connectors

These are the input connectors of the machine busy signal.

Power on the Reset – and Reset + Pins when a machine is busy in order to block its selection.

These connectors control machines 1 to 4 for KPM 1, 5 to 8 for KPM 2, etc., respectively.

#### **CN1, CN2 connectors**

These are the KPM inter link connectors.

To add a KPM in a machine (the 3rd and 4th cards are optional), connect the KPM/KPM link to connector CN2 (output) on the last card installed and on CN1 (input) on the added card

**PLEASE NOTE :** 

If adding KPM cards (maximum 2 additional cards), configure them with jumpers J1 and J2 (Fig. 12).

### 6.4 Connecting the machines on RIO cards

The RIO input/output cards can control the washing machines or tumble-dryers in the room.

Each card is associated with 8 appliances. Each card must be connected in the same way, as shown on the next page (Fig. 14).

#### **Machines control connectors**

These are the connectors to activate the machines (washing machines/tumble dryer). They provide a full changeover contact. Connect them based on what the machine needs to be able to start (usually the NF contact).

These connectors control machines 1 to 8 for RIO 1, 9 to 16 for RIO 2, etc., respectively.

#### **Machines busy connectors**

These are the input connectors of the machine busy signal.

Power on the Reset – and Reset + Pins when a machine is busy in order to block its selection.

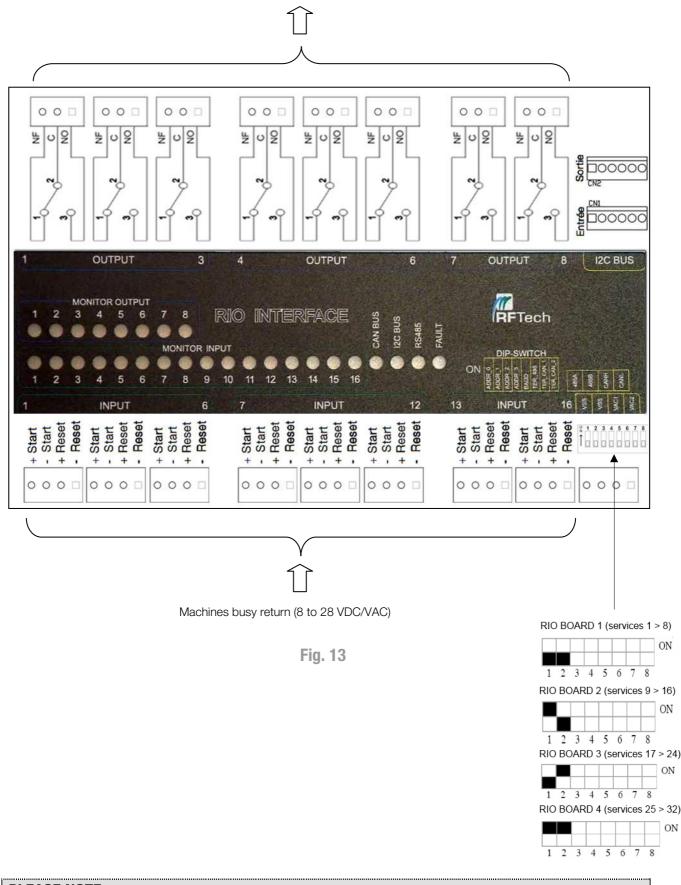
These connectors control machines 1 to 8 for RIO 1, 9 to 16 for RIO 2, etc., respectively.

#### **CN1, CN2 connectors**

These are the RIO inter link connectors.

To add a RIO in a machine (the 3rd and 4th cards are optional), connect the RIO/RIO link to connector CN2 (output) on the last card installed and on CN1 (input) on the added card.





### PLEASE NOTE :

If adding RIO cards (maximum 2 additional cards), configure them based on the table here to the side.

## 7. Care and maintenance



All maintenance operations carried out inside the machine must be carried out with the power supply disconnected.



We strongly recommend following these instructions carefully in order to always keep the validator in the best operating conditions and to prevent dangerous situations that would make the guarantee void.

## 7.1 Maintenance and external cleaning

Always keep the external surfaces of the equipment clean; to do so, we recommend using a damp cloth or a mild detergent.

Do not use aggressive chemical solvents that could damage the equipment finishes.

Do not submerge in or expose the equipment to water or other liquids of whatever nature.

Regularly verify the equipment surfaces with special attention to those areas that, due to normal operation conditions, could represent a hazard for the user (sharp plates, rusty areas, etc.).

## 7.2 Maintenance and internal cleaning

Clean the inside of the machine with a cloth damped with water; for the electrical/electronic components use only compressed air.

Regularly check the cable connections making sure the peripheral device connection cables do not have points that are not insulated and are not excessively twisted.

Replace cables and connectors immediately should they present any anomaly.

## 7.3 Downtime

In periods when the machine will not be used for two or three days, we recommend turning the equipment off by means of the master switch.

For longer downtime periods, we recommend disconnecting the equipment from the mains by disconnecting the plug from the socket.

Protect the equipment from dust by covering it with a tarp and storing it in a dry and ventilated place.

## 8. Diagnosis and technical assistance

In this section are described the main anomalies that may occur using this product, with the possible solutions to minimise or eliminate machine downtime.



If the problem you are encountering is not described here or should the solution not solve it, please contact our after-sales service at: (+39) 02/95781111

Cause	Solution
The equipment does not turn on	Make sure the cable is connected to the power supply. Make sure the master switch is in "I" position. Make sure the 2 protection fuses are not burnt.
The equipment does not accept	Make sure there are no banknotes stuck at the bottom of the reader
banknotes.	Make sure the banknote drawer is not full.
The banknote accepts cash but does not credit it.	Make sure the inserted banknote value is configured in the banknote value table.
Poor banknote acceptance by the reader.	Disconnect the reader and open it. Clean both the upper and lower part of the LED sensors with a damp cloth.
	Make sure the reader is perfectly closed.

## 9. Technical data

Dimensions(lxhxd) (mm)	456 x 764 x 267
Weight (Kg)	Presque 50
Power supply :	230 Vac
Power consumption:	120 VA
Operating temperature °C:	0 ÷ 50
Coins accepted:	1€
Cash box :	1000
Change capacity	400 (different coin value)
Banknotes capacity:	300 banknotes

#### Installed peripheral devices

Electronic change-giver coin mechanism :	Comesterogroup RR6 HD	
Banknote reader :	Innovative NV9 MDB	
cashless system :	Worldkey with Sky reading head	
2 KPM boards for the management of 8 machines with "busy" signal		

### Optional peripheral devices

Credit card reader :	Nayax	
Credit card reader :	EMV 5.2 Banksys Xenteo	
Thermal printer for printing the receipt		
Additional KPM boards for the management of 12 or 16 machines with "busy" signal		
RIO boards for the management of 24 or 32 machines with "busy" signal		

# **10. Annexes**

## **10.1 Decommissioning and disposal**

At the end of its intended life, the product must be decommissioned and disposed of at a recycling site.

Remove the equipment from its installation site, empty all the coins out of it and remove the power supply cable. Contact Comesterogroup to pick up the obsolete equipment. Please Call: (+39) 02 9578111.

This equipment must be disposed of in compliance with Legislative Decree No. 151 dated 25/07/2005.



Please read carefully the following information.

As of the 31st December 2006, specific guidelines regarding the disposal of electrical and electronic equipment (WEEE) have been established to protect the environment.

This equipment falls into the scope of Legislative Decree 151/2005 Annex 1B art. 2 paragraph 1 being:

- 7.6 A coin / token machine
- 10.2 An automatic cash or vending machine

In summary:

- This equipment is not to be disposed of as unsorted municipal waste but must be disposed of separately.
- Dealers will pick up used equipment free of charge and take it to appropriate recycling centres for its correct disassembly and possible recovery of the used materials.
- Special centres have been specifically created for the disposal of electrical and electronic equipment (WEEE). The user can return this used equipment to his/her local dealer when purchasing a new equivalent machine.
- This equipment or parts of it may cause potentially hazardous effects on the environment and on human health if used improperly or if not disposed of in compliance with the procedure described above, due to the presence of some substances in the electronic components.
- The crossed-out wheeled bin symbol printed visibly on this equipment indicates that this product has been placed on the market after 13 August 2005 and must be disposed of separately.



Sanctions in case of illegal disposal of such waste:

- 1. The distributor who does not retrieve the used electrical or electronic equipment free of charge, as stated in art. 6, paragraph 1, letter b), will be fined between 150 and 400 Euros, for every equipment unretrieved or retrieved not free of charge.
- 2. Manufacturers who fail to provide a separate professional EEE disposal system in compliance with article 6 –paragraph 3, as well as EEE retrieval, handling, treatment and recycling systems according to article 8 paragraph 1, article 9 paragraph 1, 11 paragraphs 1 and 12 paragraphs 1, 2 and 3, notwithstanding for the latter operations, agreements concluded in compliance with article 12 paragraph 6, will be fined between 30.000 and 100.000 Euro.
- Any manufacturer who after the 13th August 2005 releases electrical or electronic equipment without financial guarantee in compliance with article 11 paragraph 2 or art.
   12 paragraph 4, will be fined between 200 and 1,000 Euros for every machine released onto the market.
- 4. Manufacturers who in EEE use instructions do not provide the information as in article 13 paragraph 1, will be fined between 200 and 5,000 Euros.
- 5. Manufacturers who, within one year from releasing a new type of EEE, do not make information available to disposal/recycling centres according to article 13 paragraph 3, will be fined between 5000 and 30,000 Euros.
- 6. Manufacturers who, after the 13th August 2005, releases EEE without the indications and symbols as in art. 13, paragraphs 4 and 5, are fined between 200 and 1,000 Euros for each equipment released. The same fine is charged should the aforementioned indications and symbols are not conform to the requirements set by art. 13, paragraphs 4 and 5.
- 7. Manufacturers who releases EEE without having registered with the Chamber of Commerce in compliance with article 14 paragraph 2, will be fined between 30,000 and 100,000 Euros.
- 8. Any manufacturer who, within the time limit established in article 13 paragraph 8 does not communicate to the National Registry concerning the disposal of EEE as stated in article 13 paragraphs 3, 4 and 5 will be subjected to the foreseen sanctions.
- 9. Notwithstanding the exceptions as in article 5 paragraph 2, whoever after the 1st July 2006, releases new EEE containing substances as in article 5, paragraph 1 or other substances indentified by article 18, paragraph 1, will be fined between 50 and 500 Euros for each equipment released or between 30,000 and 100,000 Euros.



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