

CRISTORINA®



*"We don't have to earn his trust and friendship...
he was born to be our friend
when his eyes are still closed he already believes in us
even before he was born he gave himself to man.
(Maeterlinck)*

Warranty

- *The warranty lasts 2 years from the date of purchase.*
- *The warranty does not include damage resulting from transport, failures or malfunctions caused by failure to comply with the instructions for use and/or positioning the dispenser incorrectly.*
- **The warranty does not include batteries and jacks damaged due to negligence.**
- *The warranty determines the free replacement or repair of parts or components that are defective, at the sole discretion of the manufacturer.*
- *Shipping and return costs to the customer are expressly excluded from the guarantee.*
- *The costs of sending spare parts under warranty are also excluded.*
- *Warranty assistance is provided at the manufacturer (except for exceptions).*

RETURNS FORM

First name

Surname

Street n.

City

Tel.

Model

Causal Repair under warranty (**attach copy of purchase invoice**)

Other

Tax ID code

Fault description

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WHY CHOOSE RISTORINA:

- *Your dog and/or other animal must not be moved to another place other than his home, during weekends and holidays when you are away from home, thus avoiding making him feel abandoned and disoriented.*
- *It fights obesity by precisely regulating the dosage of food in proportion to its size, at pre-established times and based on the needs of the various seasons of the year.*

STARTING INSTRUCTIONS

- 1) Unpack the dispenser
- 2) Mount | Bowl holder and insert the bowls: Mod: 150 g 200g 200 g2-200 gl - 2509
- 3) Mounting the brackets: remove the two upper screws and mount the 1st bracket horizontally, mount the 2nd bracket in the lower holes.
- 4) When fixing the machine to the box or wall it is necessary to make sure that the screws located at the bottom of the battery box do not touch the wall to avoid damage.
- 5) Fill the tank with feed, now the machine is ready to work.
- 6) Delivery Test! A pulse on the Enter key turns on the video, hold down the Enter key as long as the screen with the time appears, the machine is On; with the video on, give an impulse to the Esc key and with the Down Arrow key hold it down for about 4 seconds, the machine will start dispensing 5 doses (test program), weigh the quantity dispensed and calculate the daily quantity dividing it by the optimal times for your animal.
- 7) In the 300 and 400 series models the water tank must be filled without removing it from the compartment, the float system will keep the level constant; the food bowl is easily removable, to remove the water bowl it is necessary to remove the bowl holder fixing knobs (be careful not to damage the float).
- 8) Built entirely in stainless steel, easy-to-use electronics with non-deletable programs, program changes can be made with the Up Arrow and Down Arrow (see instructions).
- 9) The 150G - 200G - 200 G2 - 300 - 400 models can be positioned in any flat place, the remaining models are all equipped with fixing brackets.
- 10) All our Dispensers can be placed anywhere as long as they are protected from the elements.

Now you are free to use the Dispenser continuously and on weekends you no longer disturb anyone and you can feel peaceful and quiet.

AUTOMATIC DISPENSER OF KIGGLES AND GRAINS IN GENERAL

1. With RISTORINA you can feed your dog and/or other animals regularly and precisely even in your absence, programming the number of deliveries based on their habits and needs.
2. The qualities of RISTORINA are:
 - Stainless steel construction;
 - quality electronics and anti-jam system;
 - 12v power supply as standard;
 - mechanical dispenser.
3. RISTORINA does not need any particular attention, it can be positioned in any flat place even outdoors and/or on the wall for models with brackets, protected from rain and bad weather. The lid is fixed with two knobs and therefore irremovable for any animal.
4. RISTORINA becomes a precious collaborator even in your absence, guaranteeing you food and/or drink for several days without having to disturb relatives and friends or take it to your boarding house.
The high quality of RISTORINA, both in materials and in operation, guarantees constant and precise dispensing of the set quantities, for a healthy diet and is safe and easy to program.





When you have to be away you need to do two things:

- **Restore water and/or food**
 - **Make sure the battery is connected to the power supply and/or the photovoltaic panel.**
5. It is good practice to protect the power cord and/or photovoltaic panel, especially on floor-mounted dispensers to prevent the animal from causing damage.

User manual



Description of the button functions

-  **ENT** (enter) to select a feature or confirm a value
-  **ESC** (escape) to cancel an operation or modification
-  To change the selection or to increase a value
-  To change the selection or to decrease a value

Stand-by

Normally the control unit is in stand-by status. In the stand-by state the display is off but the automatic dispensing times are continuously monitored and when the time of one of them coincides with the current time the control unit exits the stand-by state and activates the corresponding dispensing (see paragraph "Disbursement"). To manually exit the stand-by state and enter the current time display state (clock), simply press one of the available keys. After a certain predetermined number of seconds of keyboard inactivity, the control unit automatically returns to stand-by status, turning off the display.

Clock display

From stand-by, press any button to view the hours and minutes of the current time. The flashing ":" separator notifies the correct functioning of the clock.



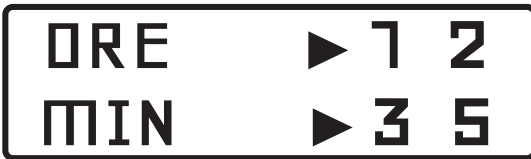
If the battery has a voltage value lower than 10V then the writing LOBAT appears in the second row of the display: **LOBAT**



The screen shown above also appears automatically when a battery voltage lower than the usual 10V is detected from the stand-by state (display off). At this point the control unit will be able to enter stand-by again only after the battery voltage has risen due to the insertion of the battery charger.

Clock setting

View the current time (see previous paragraph) and then press and hold the ENT key for a few moments until the following screen appears:



Select the item to set (hours or minutes) with the arrow keys and press **ENT**. Cursor will start flashing to notify that it is possible to modify the value, an action which will be carried out using the arrow keys.

At the end of the setting, press **ENT** to save the new value or press the **ESC** key to cancel the entry and restore the old value.

To return to the clock display, press **ESC**.

If the keyboard is not operated for approximately 20 consecutive seconds while setting the clock, the control unit cancels the operation and goes into stand-by.

Display of delivery times

View the current time and then press one of the arrow keys ▼▲.

The first dispensing time and the corresponding dose will be displayed. By always pressing the arrow keys ▼▲ it will be possible to view all the dispensing times:

ORA 1	0 8
DOSE	0 0

ORA 2	1 2
DOSE	3 0

ORA 3	1 8
DOSE	2 0

ORA 4	2 0
DOSE	1 0

The first 4 times are the kibble dispensing times and the number of doses corresponds to the number of revolutions of the distribution disc. If the keypad is not operated for approximately 20 consecutive seconds while displaying the dispensing times, the control unit cancels the operation and goes into stand-by.

Changing a delivery time

Select the delivery time you want to change by following the instructions in the previous paragraph. Press **ENT** to make the cursor appear and enter the mode for selecting the parameter to be modified (time or dosage).

ORA 1	>	0 8
DOSE		1 2

Using the arrow keys, ▼▲ position the cursor on the parameter to be modified and then press **ENT**.

The cursor will start flashing to notify you that it is possible to change the value, which will be done using the arrow keys.

At the end of the setting, press **ENT** to save the new value or press the **ESC** key to cancel the entry and restore the old value.

To return to the selection of dispensing times, press **ESC**. If, while changing a dispensing time, the keypad is not operated for approximately 20 consecutive seconds, the control unit cancels the operation and goes into stand-by.

Delivery

When the time corresponding to one of the 4 automatic kibble dispensing times occurs, the distribution disc is activated and the following screen will appear on the display:



The remaining revolutions of the distribution disc are displayed in the second line. Once distribution is complete, the display will show the current time and a reminder relating to the last dispensing made, as shown in the following figure:



The reminder will remain present until the next dispensing where it will be appropriately updated.

While setting the parameters (clock and distribution times), verification of the delivery times is inhibited. As soon as you finish the setting session and return to the clock display screen, monitoring of the delivery times is reactivated. On the other hand, during the unloading phase it is not possible to set the parameters.

Deactivating automatic dispensing (OFF state)

To deactivate automatic dispensing without having to change the dose settings of the times dispensing (by setting all 4 doses to zero you effectively deactivate automatic dispensing) it is sufficient to place the control unit in the **OFF** state by proceeding as follows: display the clock and then press and hold down the **ESC** key until the written **OFF**. At this point the control unit will ignore the automatic dispensing times and therefore the expected dispensing will not be carried out.



To reactivate automatic dispensing, simply proceed as follows: exit standby by pressing any button; the control unit will display **OFF** to notify the status it is in. At this point press and hold the **ENT** key until the clock is displayed.

Now the control unit will monitor the automatic dispensing times and therefore all the scheduled dispensings will be carried out ►

If during the **OFF** state a battery voltage lower than 10V is detected then the display is turned on and the following screen will appear:



At this point the control unit will go back into stand-by only after the battery voltage has risen due to the insertion of the battery charger.

Dosage check

Checking the dosage of kibble.

View the clock and then press and hold the button ▼ for a few moments until the distribution disk is activated. 5 revolutions of the distribution disc will be carried out in order to allow the dosage to be verified.

SAFETY AND GENERAL MAINTENANCE INFORMATION



- Check the battery charge and charge if necessary
- Use only dry food

**• IT IS NOT RECOMMENDED TO USE FATTY KIGGIES
(FOOD DELIVERY NOT GUARANTEED AND/OR INACCURATE)**



- Do not throw the battery into flames



- In accordance with applicable local laws and regulations, it may be necessary to recycle the battery. For further information, contact the relevant authorities



- Do not expose the battery and battery charger to water, rain, liquids in general and extreme humidity



- Avoid keeping the machine at excessively high or low temperatures (below -20 °C or above 45 °C.)



- Do not dispose of the battery or other parts in general waste

Failure to comply with maintenance regulations will void the warranty

SPARE PARTS

UNIFIED 12V 5 WATT SOLAR PANEL

3 MT PANEL EXTENSION. UNIFIED

POWER SUPPLY

BATTERY AMP. 2.3

SMALL GEAR MOTOR

MEDIUM GEAR MOTOR

LARGE GEAR MOTOR

STANDARD ELECTRONIC BOARD

ELECTRONIC BOARD FOR HORSES

MICRO SWITCH

ELECTRICAL SYSTEM

TANK L.5 Mod. 300

TANK L.10 Mod. 400

FLOATING



The manufacturing company reserves the right to make changes or improvements to the machines without the obligation to give any notice, therefore the images shown here are purely choreographic and do not always correspond to the product received, without this giving rise to any dispute.

It is a **LUCID PLAST s.a.s.** product

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