



Installation guide



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1. General information

We thank our users for choosing a Ditron product, for more information and details visit www.ditron.eu

SAVE THESE INSTRUCTIONS.

This manual contains important instructions that must be followed during installation and maintenance.

The SafeMoney Advance is also designed to be installed under the customer's existing counter. However, some bench modifications may be required to access the internal modules.

This guide also provides the necessary instructions to carry out these modifications and install the banknote and coin devices.

SafeMoney Advance is designed for indoor and dry use only.

The manufacturer cannot be held responsible under any circumstances for any damage or loss resulting from improper use of the device.



Improper installation of this product, including improper attachment to the countertop, other than specified in the installation instructions, could result in injury and malfunction.

2. Safety instructions and regulations

🕂 Installation and removal

The installation and removal of the device and its modules must only be performed by expert personnel.

₼ Warning:

Before carrying out any removal or maintenance work, make sure that the power has been disconnected.

🕂 Warning:

When installing SafeMoney Advance, make sure that the modules are securely fastened to the internal frame of the system, to prevent them from falling or tipping over.

⚠ Warning:

This equipment must only be maintained and operated by skilled personnel with sufficient training or experience in the technology of the equipment and with adequate knowledge of the system.

The SAFEmoney Advance complies with the following EU electrical safety and electromagnetic compatibility standards and is CE certified:

- EN 61000-6-1: 2019
- EN 61000-6-3: 2007 + A1
- EN 61000-3-2: 2019
- EN 61000-3-3: 2013+A1
- EN 62368-1:2020+A11
- EN 62233

2. Safetyinstructionsandregulations

2.1 Skills

The Personnel who work on equipment, machinery or electrical systems must be suitably qualified. The degree of competence required for individual interventions depends on the complexity of the same and on the level of knowledge required.

Personnel who are not competent must be forbidden any intervention, unless it is carried out under the supervision of a competent technician.

2.2 Cables

The SafeMoney Advance is dated by internal batteries for "operation closure". It is recommended to connect it to a UPS unit, to have greater autonomy, in the event of a power failure.

(i) The power cord is included in the package.

2.3 Temperature ranges

Operating temperature The standard room temperature must be between 0° + 40°C

Storage temperature From -15° + 40°C

Operating humidity [5%, 95%] in the absence of condensation

Storage humidity [5%, 95%] in the absence of condensation

2.4 Weight and modules (empty)

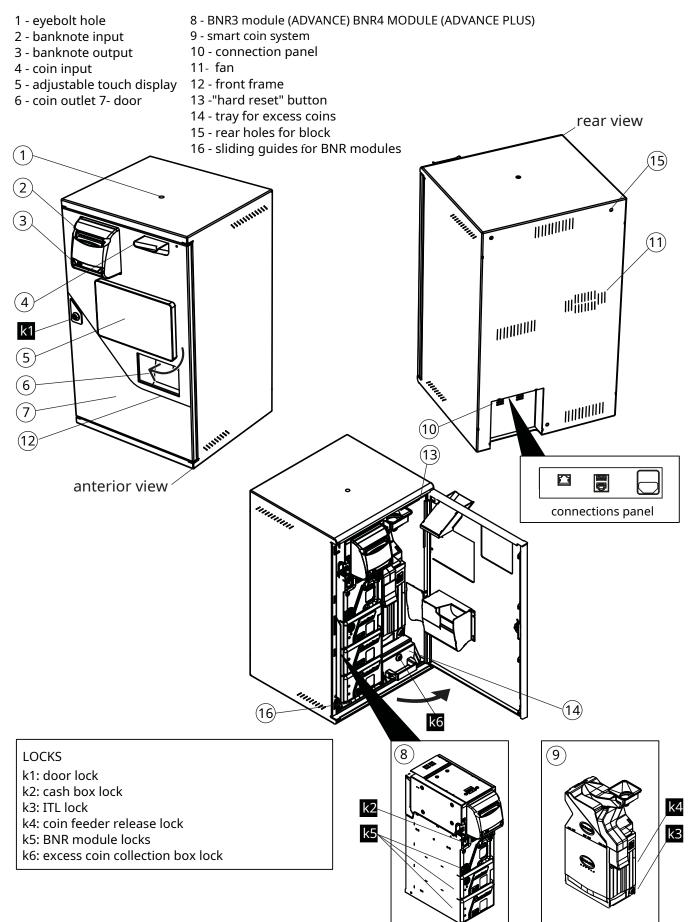
Case without cash management devices Kg: 47

Case with Smart coin system + BNR3 Kg: 70

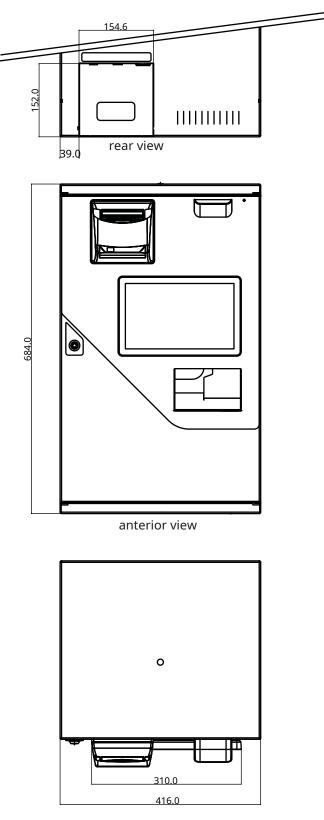
Case with Smart coin system + BNR4 Kg: 70.4

BNR3 form cash management devices Kg: 23.6 bnr4 module Kg: 24.0 (PLUS ver.) Smart coin system module Kg: 4.1

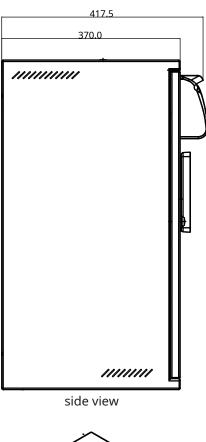
3. Product presentation

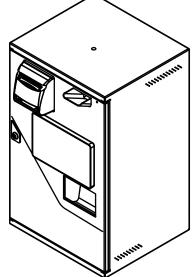


4. Product dimensions



top view





PACKAGING D

5. Parts included

PACKAGING A

1 - case (including electronics, power supply and batteries)

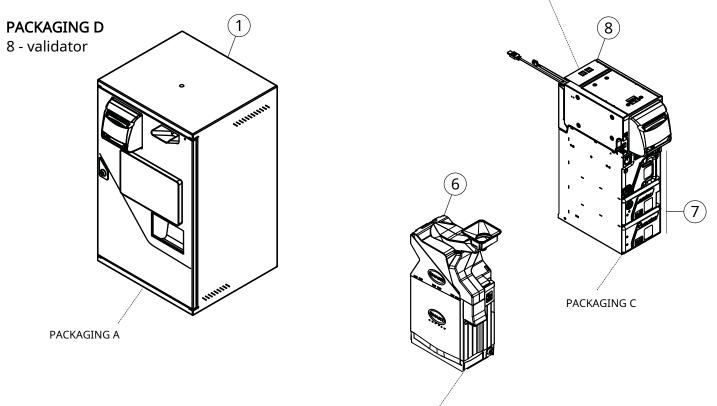
- 2 keys
- 3 power cord
- 4 sticker
- 5 activation module

PACKAGING B

6 - smart coin system module

PACKING C

7 - cashboxes and recyclers (BNR4 for ver. AdvancePLUS)



PACKAGING B

6. Preparation for installation



Measure the existing bench and surrounding area to ensure correct placement, referring to the dimensions on pg. 5.



Verify that there is enough space to accommodate the case, and that there is enough room for ventilation.



Verify that there is sufficient space from the front of the Advance to allow the door to fully open and reasonably comfortable access.



For complete opening of the front door, recess only the case in the compartment, leaving the door outside, however, if you want to completely cash in the SafeMoney, leave a space laterally equal to the thickness of the door (min. 25mm - hinge side).



Check that the load-bearing surface is able to support the weight of the fully loaded automatic pay station.



Examine the countertop material. To ensure perfect anchoring of the case to the worktop, 4 holes must be drilled.



Some materials may not be suitable to support the weight and/or the fixing.



Evaluate whether the free space in the store is sufficient to handle the automatic checkout. Given the high weight of the product, for handling and installation, use a mechanical aid*. The case must always be handled without the internal modules.



Given the weight and size of the unit, ensure that at least two people are available to install the self-checkout in the store.



Make sure there are power outlets within a reasonable distance of the cash machine and that using any extension cords does not pose a safety hazard.

* on the top of the case there is an M12 threaded hole for temporary fixing of the eyebolt (not included)

6. Preparation for installation



Verify that the POS system is within a reasonable distance from the cash machine and that the USB cable required for communication between the POS and the cash machine can be routed and secured securely.



Notify the shopkeeper of the essential interventions on the existing counters, specifying the consequent creation of dust and waste materials.

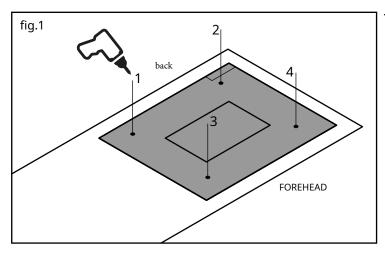


For correct use of the Advance automatic pay station, make sure that the base is at least 40cm from the floor.

For further information and details, contact the Ditronetwork Technical Assistance Service

A Warning: It is mandatory to fix the Advance automatic pay station to the support surface, it is possible to carry out the operation with the fixing template.

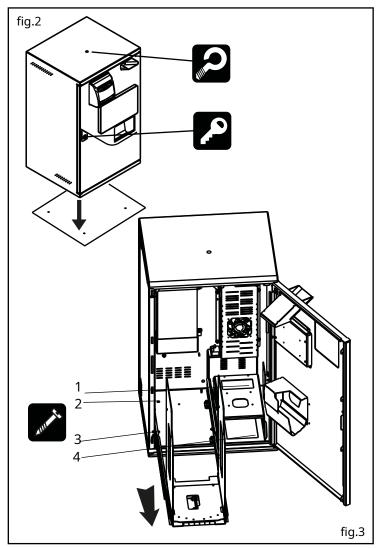
Unpack the unit and after checking the points in the "preparation for installation", proceed with the installation.



7.1 Template for fixing holes Position the template on the surface (it is recommended to block the template with adhesive tape) and with the aid of a drill, make the 4 holes for fixing.

Pay particular attention to the direction indicated on the template. (FRONT AND BACK)

If necessary, create a slot for the passage of the cables, referring to the position of the "connection panel" indicated on the template.



7.2 Positioning the case

Given the high weight of the product, for handling and installation make use of a mechanical aid, or lift it with several operators.

Open the front door with the appropriate key (k1) and extract the BNR module support guide, in order to access the 4 holes on the base of the case.

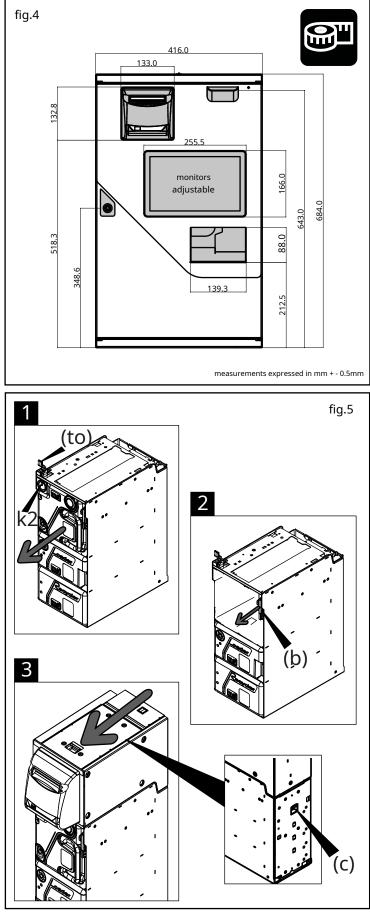
With the help of a screwdriver, fix the case using 4 screws, diameter and type depend on the support surface.

The holes on the back of the case (see pg.4) can be used if it is not possible to fix it to the top, using screws.

 \triangle Also in this configuration, the product must be placed on a horizontal plane.

A For complete opening of the front door, recess only the case in the compartment, leaving the door outside, however, if you want to completely cash in the SafeMoney, leave a space laterally equal to the thickness of the door (min. 25mm - hinge side).

 \triangle Check anchoring and stability.



7.3 Recessed positioning

The SafeMoney Advance has also been designed to be installed under the pre-existing counter, with the peripherals facing the customer or the operator. For this type of installation it is necessary to make changes to the bench. Refer to the main measurements in fig.4 and on page 5 for any machining.

Again, make sure that the Safe-Money Advance has enough space for ventilation and maintenance.

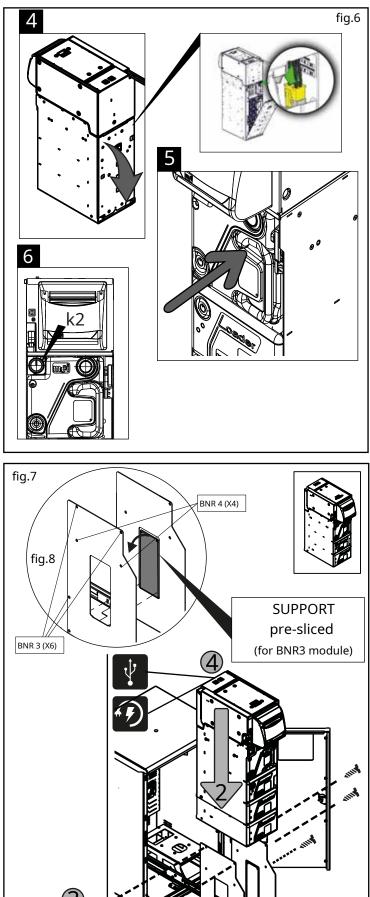
riangle 1 It is recommended to connect the cables to the panel and route them, in case it is difficult to reach them later.

A Check that the bench material is suitable for the installation.

7.4 validator assembly on cashbox/recyclers unit

Remove the validator and the cashbox/loader unit from the packaging.

- 1) extract the cashbox module, unlocking it with the key "K2" and lower the yellow lever (A).
- 2) extract the cashbox drawer and pull the green lever (B), outwards.
- 3) insert the validator, pushing it towards the front, as in figure 5. The operation must be performed with the rear door open, use the yellow lever in the center of the door. (C)



- 4) connect the cables.
- 5) "re-arm" the cashbox module (*opening and closingt*) and put it in place.
- 6) close with the key. (k2) and lift the green lever.

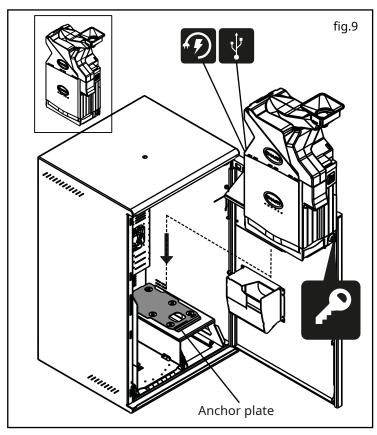
7.5 Form insertion BNR3 ver. ADVANCE BNR4 ver. ADVANCE PLUS

A Before proceeding with the installation of the cash management devices, make sure that the power is disconnected and that the case is securely fastened to the support surface.

(1) Pull out the support bracket
(2) place the BNR module. For
BNR3 module (ADVANCE)
bend the pre-cut support indicated in fig.8 (3)
Align the 3 holes on the supports with the holes
on the BNR and fix the module, using the M5X8
screws supplied. (x6) (4)Connect the USB cable
and power cord to their respective connectors.

Be sure to route the cables correctly to avoid impeding module movement.

The grounding cable is already present in the case, it is not necessary to connect the ground wire, supplied with the BNR.

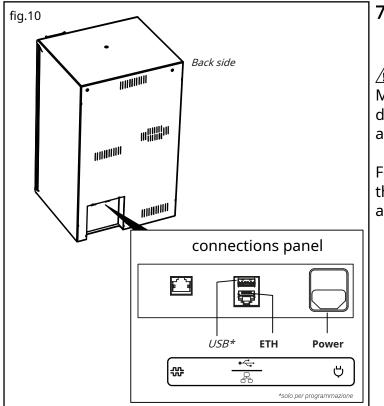


7.6 Inserting the smart coin system module

 $\underline{\wedge}$ Before proceeding with the installation of the coin management devices, make sure that the power is disconnected and that the case is firmly fixed to the support surface.

Remove the module from the packaging and using the keys provided, lock it on the plate present in the case.

Proceed with the connections.



7.7 Make connections

\triangle

Make sure that cables are routed in a way that does not compromise safety, and that they are accessible.

For further details and information, consult the user manual supplied or contact assistance.

Ditron// group



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All information contained in this manual may be subject to variations by Ditron without notice. SAFE MONEY ADVANCE/PLUS INSTALLATION GUIDE - REV05- MAR.2024