

Installation Guide



Coin changer **currenza C²**

04.08 Goe/Schn/G-JM
Edition 1.1
KA.C²-GB



SAFETY INSTRUCTIONS

Before operating the device for the first time, please read the safety instructions and the respective manuals for this product at least once to ensure you have understood the proper use of the device, the handling instructions and the requirements in respect of staff qualification for installation and maintenance, and the necessary protective measures. All information about this product is available in Internet at www.nri.de.

DESIGN AND IDENTIFICATION

Label

The label of the device contains all data identifying the coin changer, e.g. the device type and series, customer-specific settings, currency and coin types.

Models



The currenza c² coin changer series includes four models. While the housing dimensions and design are the same, a distinction is made between the versions *Blue*, *Green*, *White* and *Orange*. Only the operating elements are different on the four versions.



The version names "Blue", "Green", "White" and "Orange" with the corresponding colors are shown in the top left corner of the control panel.

Overview of the device

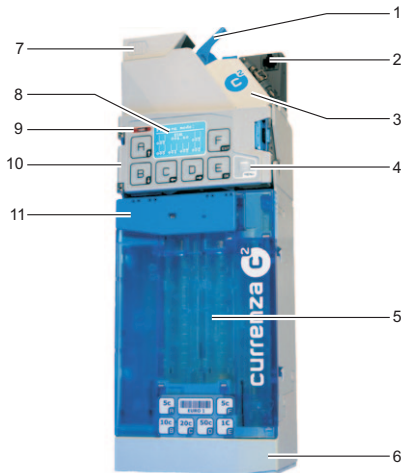


Fig. 1: Design

Item	Designation	Item	Designation
1	Return lever	7	Coin insert funnel
2	Interface connector	8	Display (HI)
3	Coin validator	9	IrDA interface (HI)
4	Keys (HI)	10	Human Interface (HI)
5	Tube cassette	11	Lever for cassette removal
6	Payout set		

Control panels of the different models

Blue version

The human interface, the operating device for the user, consists of a keyboard with seven keys and a display.



Fig. 2: Control panel for the *Blue* version

Green version

The control panel of the *Green* version consists of seven keys and three status/diagnosis LED.

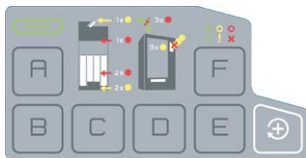


Fig. 3: Control panel for the *Green* version

White version

The *White* version has no control elements on the control panel. The user interface is made available via the separate setting module HENRI or via the respective vending machine (provided this function is supported).



Fig. 4: Control panel of *White* version

Orange version

Apart from the additional IrDA communication interface the *Orange* version is identical with the *White* version.



Fig. 5: Control panel of *Orange* version

START-UP

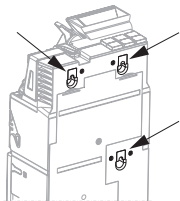


To avoid damage of any kind during the start-up process, please carefully check all points specified below:

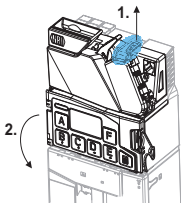
- suitable connection cable for the respective interface
- mains voltage in conformity with the specification on the label

Proceed as follows to install the coin changer in the vending machine:

- 1 Pull the mains plug of the vending machine.
- 2 Hang up the coin changer in the vending machine using the three fastening holes in the rear wall (two at the top and one at the bottom), see figure below.



- 3** Lift up the latch and then swivel out the coin validator, see figure below.



Ensure that the coin validator is properly connected with the coin changer by the ribbon cable.

- 4** Fasten the housing of the coin changer in the vending machine with screws.
- 5** Swivel the coin validator in again and let it engage.



Ensure that there is an air gap between the return lever of the vending machine and that of the coin changer.

- 6** Connect the coin changer to the vending machine using the required connecting cable and also connect any external devices, such as hopper or recycler, to the coin changer.
- 7** If necessary, connect coin changer to power via the feeder (barrel connector) for PC application.
- 8** Reconnect the vending machine to the mains supply.

FIRST STEPS

Since the individual functions of the changer are programmed by the manufacturer according to customer-specific requirements, you only have to fill the six change tubes of the tube cassette with the appropriate coin types when starting up the device for the first time..


Filling the change tubes for the first time...

...with the tube cassette inserted

White version

Filling is performed using either the c² setting module (option) or the vending machine filling function.

Green version

Filling of this model is initiated by pressing the -key. Filling can also be performed by connecting the c² setting module (see *Blue version*).

Blue version

Filling is controlled via menu functions. Press the **MENU** button to enter the selection level. Then press key **F** to activate the filling mode. Fill as usual.

...with the tube cassette dismantled

Filling of the tube cassette before it is inserted into the coin changer:



If you need an exact coin number for accounting, the coin changer must be configured for this filling method:

- **Float level (= number of coins which a tube contains after filling)**

- **Activation of automatic tube counter programming during filling to this float level/tube**
- **Deactivation of automatic tube counter correction according to the filling level sensors**

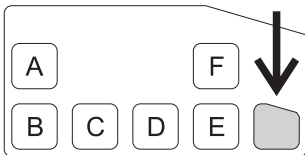




Fig. 6: MENU key (Blue version) / -key (Green version)


- 1** Press the **MENU** key (-key). The coin changer is no longer in operating mode.
Blue version: the main menu is displayed. Activate the filling mode by pressing the key **F**.
Green version: the green LED flashes. Filling mode is activated.
- 2** Remove empty tube cassette and insert prefilled cassette. The tube counters are set to the coin numbers of the float levels.
- 3** Press the **MENU** key (-key).
Blue version: return to the main menu. After the **MENU** key has been pressed again, the coin changer changes to operating mode.
Green version: the green LED lights. The coin changer is in operating mode.

Instructions for filling via menu or -key


If the cash-box is not empty, it must be emptied. Coins directed to the cash-box are not counted.




It is not necessary to empty the cash-box, if the changer has been set so that only coins to be sorted into tubes are accepted when the tubes are being filled.

- 1** Press the **MENU** (-key).
Blue version: the main menu is displayed. Activate the filling mode by pressing the key **F**.
Green version: the green LED flashes. Filling mode is activated.
- 2** Insert valid coins.
The respective tube counter counts the accepted coins, and the coin changer sorts the respective coin type into the tube configured accordingly until:
 - the full sensor is covered.
 - or the configured maximum number of coins is reached.
 - or the float level is reached.Thereafter, the tube coins inserted will, depending on the setting, either not be accepted and directed into the return area, or be accepted and directed into the cash-box.

When all tubes are filled:

- 3** Press -key again.
Lighting of the green LED indicates that the coin changer is no longer in tube filling mode, but in operating mode.



*If no coins are inserted for a period of 30 seconds, the coin changer returns to operating mode without pressing of the **MENU** key (-key).*

ERROR MESSAGES/DIAGNOSTICS

Blue version

All error messages are output via display in the form of self-explaining plaintext messages, see figure below.



Fig. 7: Example of an error message in the display

Green version

Error messages can only be output via the vending machine (if the function is supported), the c² setting module (option) or the three LED.

Quick diagnosis

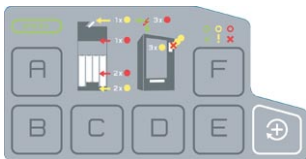


Fig. 8: Location of LED in the control panel of the *Green* version

Color (LED)	Status	Meaning
red	permanent light	problems that can be solved only by a technician
yellow	flashing	problems that can easily be solved by customer
green	permanent light or flashing	no problems

White version and Orange version

Without control panel the basic version can output error messages only via the vending machine connected (if the function is supported) or the c² setting module (option).