

Installation Guide

Coin changer currenza **C² blue**



02.12 Goe/Schn/KQu
KA_c²_US_1-0



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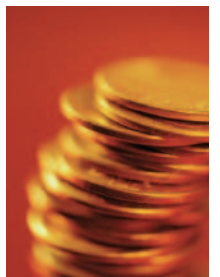


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1 Safety instructions

Before operating the device 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 on the internet at www.nri.de.

2 Design and identification

2.1 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.



Device overview

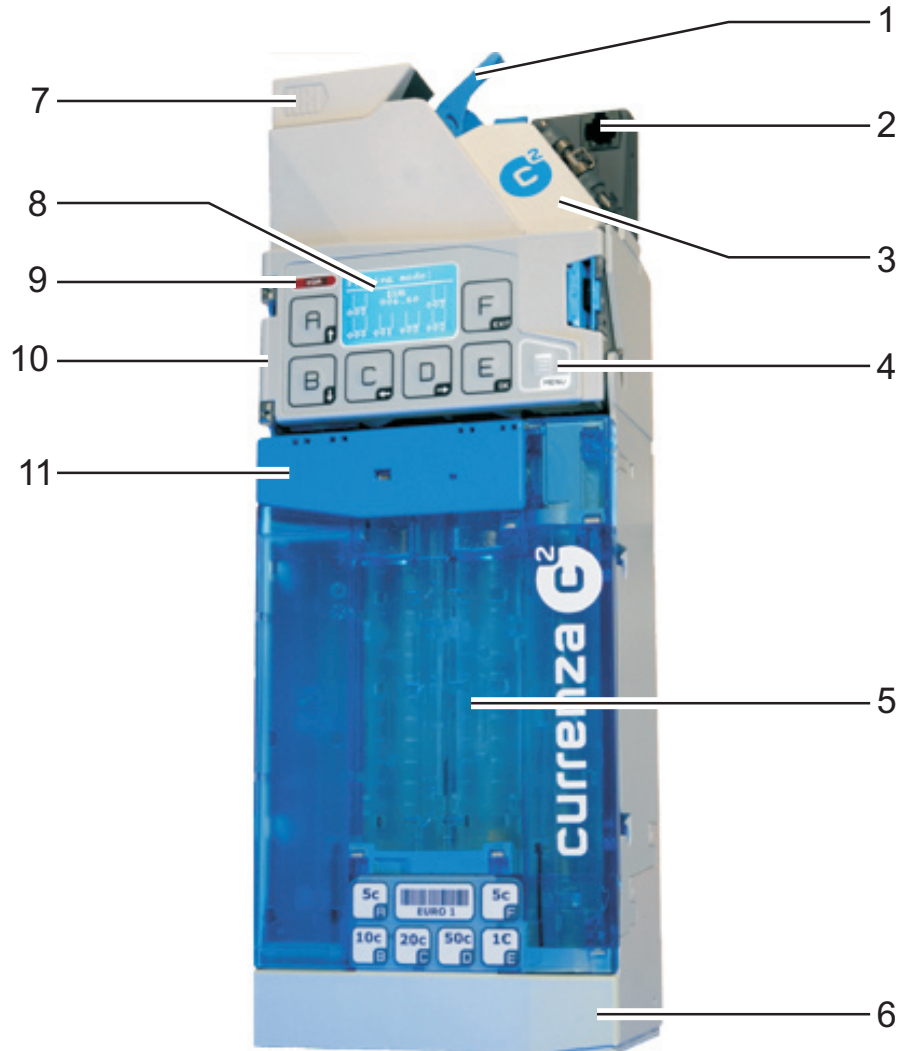


Fig. 1: Design

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		

2.2 Control panel of the device

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



Fig. 2: Fastening holes

3 Start-up



To avoid serious damage during the start-up process, carefully check all points specified below:

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

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

- 1** Pull out main electric plug, of vending machine, from electrical socket.
- 2** Mount coin changer to vending machine, using three fastening holes on coin changers rear side (fig.3).

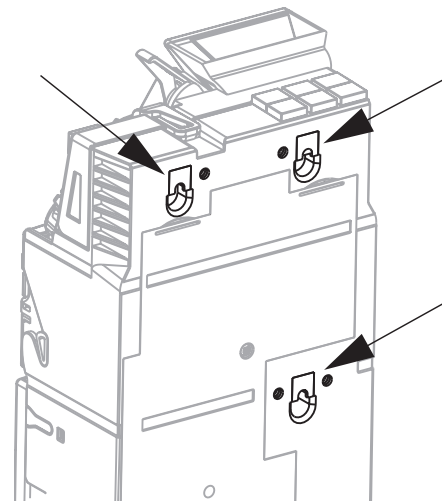


Fig. 3: Control panel for the c² blue

- 3** Lift up latch, then swivel out coin validator (fig. 4).

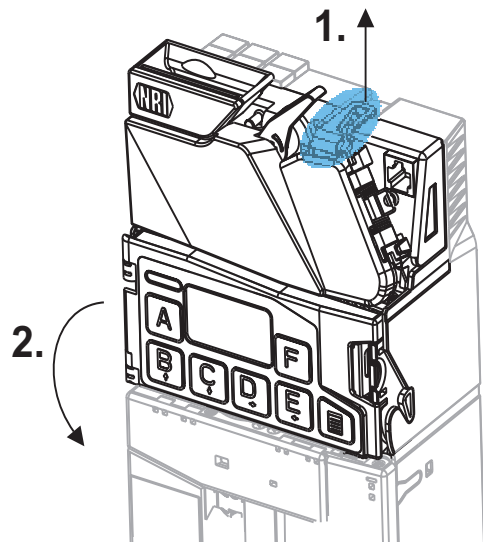


Fig. 4: Swiveling out coin validator



Ensure proper connection between coin validator and coin changer, via ribbon cable.

- 4** Fasten housing of coin changer with screws, inside of vending machine.
5 Swivel coin validator back into vending machine. Let it engage.



Ensure existence of air gap between return lever of vending machine and lever of coin changer.

- 6** Connect coin changer to vending machine using required connection cable.
7 Connect every further external devices to coin changer. (hopper, recycler etc.)
8 If necessary, connect coin changer to power via feeder (barrel connector) for PC application.
9 Reconnect vending machine to main supply.

4 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.

4.1 Filling change tubes (tube cassette inserted)

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 cash-box, if changer has been set so that only coins to be sorted into tubes are accepted when tubes are being filled.

1 Press MENU key.



Main menu is displayed.

2 Activate filling mode by pressing F key.

3 Insert valid coins.

Respective tube counter counts accepted coins. Coin changer sorts respective coin type into tube, configured accordingly until:

- full sensor is covered
- full sensor is configured to maximum
- number of coins is reached
- float level is reached

Thereafter, inserted tube coins 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:

4 Press MENU key.

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

4.2 Filling change tubes (tube cassette dismantled)

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



If you need an exact coin number for accounting, the coin hanger 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

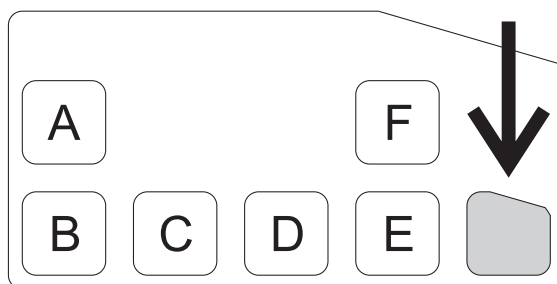


Fig. 5: MENU key

- 1** Press MENU key.



Coin changer is no longer in operating mode. Main menu is displayed.

- 2** Activate filling mode by pressing F key.

- 3** Remove empty tube cassette.

- 4** Insert prefilled cassette.



If tube counters are set to coin numbers of float levels.

- 5** Press MENU key. Return to main menu.



After MENU key has been pressed again, coin changer changes to operating mode.

5 Error messages / Diagnostics

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



Fig. 6: Example of an error message in display