



Installation and operating instructions

MAD 3 – Coin operated door lock printed receipts

BASIC TECHNICAL INFORMATION

Accepted coins:	0,05; 0,1; 0,2; 0,5; 1; 2 LVL 0,1; 0,2; 0,5; 1; 2 € token ZT 2
Power supply:	230 V, 50 Hz
Input power:	at rest 6 VA, while accepting coins 12 VA, while printing max. 80 VA
Main contact load:	max. 230 V, 6 A in ohmic load
Weblink:	MAD 3

Automatic door lock function

- Coin operated automat MAD is designed for paid door unlock. User inserts demanded amount (credit) and receipt is issued (according to setting receipt can be issued always, after press the button or never) and door is unblocked. If user inserts less than is demanded, access is not allowed, receipt is printed and paid amount is written in the bottom line, because of to be apparent at first sight, that right amount was not paid. . If higher amount is paid, access is allowed, receipt is printed and paid amount is written in the bottom line as well. Automat sums up coins, overpaid amount is not returned, but prints real inserted amount.
- If token ZT 2 is inserted (token value must be set for the same amount, which allows the access), door lock is unblocked, no receipt is issued. Token is not taken into account.

Installation

- Using suitable anchor material, fix the automat on the wall, or on the top of the turnstile.
- Set the door lock into the door frame (set the turnstile)
- Connect the output cable with electromagnetic door lock, or to other device blocking the access.
- Put the money box into automat. Device will not work without money box input.
- Switch on power supply.
- Set demanded parametres.

Function description

Device can work in three basic modes

- Automat door is closed – working mode – device accpets coins and issues receipts.
- Automat door is open and money box is out – cash statement is issued automatically since last withdrawal. Lati and euros are sum up separately. Money box must be always empty, when is put out – accounting balance is nulled automatically and new withdrawal is printed after next money box put out.
- Money box in – Door automat open – possibility of settin g new parametres or change the paper. For simple installation of new paper, it is recommended to cut the paper on a slant. Paper must be install in a way, that printed description is on the left – paper side without print is active. Printed does not need any toner, paper is termosensitive and data is burnt out.

Working mode can be in three versions

- Print receipt always after insert amount – unblock door immediately after accepting payment
- Conditional receipt print – after insert demanded amount, door is opened, receipt is printed on request
- No print – after inserting amount door is opened, receipt is printed only in case, that inserted amount is unsufficient and button for printing is pressed.



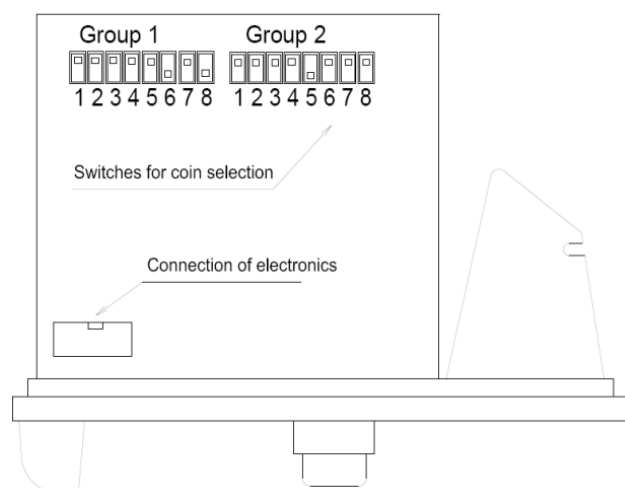
Setting

- Setting buttons are accessible after opening upper automat door. Description of setting is in attachment.
- Meaning of symbols** • pressed button ○ unpressed button
- Underlined text means title showed on display, not underlined text is explanation.

switchers	1	2	3	4	5	6	7	8
1st group	0,05 LVL	0,10 LVL	0,20 LVL	0,50 LVL	1,00LVL	2,00 LVL	žeton 0,5 LVL	žeton 1LVL
2nd group	0,05 €	0,10 €	0,20 €	0,50 €	1,00 €	2,00 €	žeton 0,5 €	žeton 1€

Explanation

- If the switcher no. 3 in the first group is in lower position, the automat accepts coins in value of 0,2 LVL. If the switcher no. 3 in the second group is in lower position, the automat accepts coins in value of 0,2 EUR. There could be switched on no. 7 and switched off no. 8, after that tokens are accepted. In result automat accepts coins 0,2 LVL, 0,2 EUR and token with value 0,5 LVL. Other coins not selected will not be accepted and will be returned to the user.



Attention

- Electric connection can be carried out only by a qualified and competent worker. It is necessary to carry out an initial revision of electric devices before starting operation according to european norms HD 384.6.61 S2:2003 and IEC 61140
- The user is obliged to carry out revisions of the electrical device during its operating life
- Device is determined to work in dry spaces without aggressive vapors.

Maintenance and cleaning:

- The device was made from the stainless steel of quality corresponding with ČSN 17 240 (AISI 304) standard and, therefore, it must not be operated in chemically-aggressive environment.
- Preparations containing chlorine must not be used for its cleaning!!**
- Cleaning agents by WÜRTH are recommended:
 - Metal renewal agent - Order No. 893 121 1
 - Stainless steel spray treatment - Order No. 0893 121 - K.
- If corrosion has already occurred, it can be removed with a cleaner INNOSOFT B 570 from the company Emergo.
- If the slot machine does not accept coins, sensors in the coin path are probably dirty. After removing the front panel with the coin acceptor it is necessary to press the white pushbutton on the coin acceptor front panel. The door on the side is released so that it can be opened by hand up to the right angle. The space



behind the door and inner side of the door can be cleaned by a damp (not wet) cloth. Do not use any **corrosive solvents, such as acetone, toluene**, etc. in any case.

- Cleaning of the slot machine may only be carried out when power supply is off.



Settings guide for MAD 3

Financial balance ☐ ☐ ☒ Current balance ☐ ☐ ☒ receipt with current balance and month balance is printed ☐ ☐ ☒ Finish entering

☒ ☐ ☐ Cash withdrawal ☐ ☐ ☒ receipt with current balance is printed and cash counter is set to zero. The same case, when cashbox is put out and put back.

☒ ☐ ☐ Month balances ☐ ☐ ☒ Balance: month before ☐ ☐ ☐ (☒ ☐ ☐) listing in last 12 months ☐ ☐ ☒ Print chosen month balance ☐ ☐ ☒ Finish entering

☐ ☐ ☒ Automat STOP – yes - no (if is „yes“, which is impossible to change, automat is blocked automatically because of wrong setting. Firstly remove malfunction, after that unblock automat)

☐ ☐ ☒ Printer ☐ ☐ ☒ Paper initiation ☐ ☐ ☒ if paper is missing, insert it in the beginning of printer and paper is accepted automatically and initial receipt ***** is printed out; if not Printer OK

☐ ☐ ☒ Setting the roller beginning ☐ ☐ ☒ the beginning of roller is set This operation is carry out always when new paper roller is put in.

☐ ☐ ☒ Check receipt ☐ ☐ ☒ check receipt printed in zero sum, door is not opened

☐ ☐ ☒ Check cut ☐ ☐ ☒ check cut done

☐ ☐ ☒ Printer ON ☐ ☐ ☒ Always ☐ ☐ ☒ confirmed - receipt is printed always after inserting coins, door is open after inserting demanded credit

☐ ☐ ☒ Activation by button ☐ ☐ ☒ confirmed, - receipt is printed only after inserting coins and pressing the button, door is open after inserting demanded credit

☐ ☐ ☒ Turn off ☐ ☐ ☒ confirmed, - receipt is printed only after inserting insufficient credit and pressing the button, door is open after inserting demanded credit

☐ ☐ ☒ Mode without printer

Financial balance ☒ ☐ ☐ User menu ☐ ☐ ☒ Setting the date ☐ ☐ ☒ display the date ☐ ☐ ☒ choose position for change ☐ ☐ ☒ change done ☐ ☐ ☒ Saved OK

☐ ☐ ☒ Setting time ☐ ☐ ☒ display time ☐ ☐ ☒ choose position for change ☐ ☐ ☒ change done ☐ ☐ ☒ Saved OK

☐ ☐ ☒ Taxes ☐ ☐ ☒

☐ ☐ ☒ VAT ☐ ☐ ☒ display in % ☐ ☐ ☒ choose position for change ☐ ☐ ☒ change done ☐ ☐ ☒ Saved OK

☐ ☐ ☒ Tax in LVL ☐ ☐ ☒ display tax ☐ ☐ ☒ choose position for change ☐ ☐ ☒ change done ☐ ☐ ☒ Saved OK

☐ ☐ ☒ Tax in EUR ☐ ☐ ☒ display tax ☐ ☐ ☒ choose position for change ☐ ☐ ☒ change done ☐ ☐ ☒ Saved OK

☐ ☐ ☒ Capacity of roller ☐ ☐ ☒ 000144000 ☐ ☐ ☒ choose position for change ☐ ☐ ☒ change done

note.: value 144 000 is valid for delivered paper (55g/m² d 50/200) and determine number of lines, which can be printed on roll. This value must be change for different paper type.

☐ ☐ ☒ Set the roller beginning ☐ ☐ ☒ 000144000 or other set roller capacity is set as beginning value

☐ ☐ ☒ Blocking cutter ☐ ☐ ☒ Cutter blocked No ☐ ☐ ☒ Cutter blocked Yes ☐ ☐ ☒ receipts will not be cut, will be issued as continuous strip

☐ ☐ ☒ Input ☐ ☐ ☒ Input lines ☐ ☐ ☒ Number ☐ ☐ ☒ set the number of lines with input text (max. 10) ☐ ☐ ☒ number of input lines



●○○ Lines in the end ○○○ free end lines ●○○ free end lines 00 ○○○ choose position for change ●○○ change done ○○○ OK
note.: free lines are used, if e.g. bar code has not enough space or for advertisement

●○○ Edit title ○○○ Line choice: 1 ●○○ choice the line ○○○ accept choice ○○○ choose position for change ○○○ confirm choice ●○○ (○○○) change of chosen mark ○○○ OK

●○○ Initiate printer – set yes, no is for net work

●○○ End of setting

Financial balance ●○○ Service menu ○○○ Service menu 0000 set password 8685

○○○ Set prod. no – not used

●○○ Time for contact ○○○ display contact time (in ms) of output relay ○○○ choose position for change ●○○ change done ○○○ OK

●○○ Print intensity ○○○ display set intensity 0 – 3 ●○○ change done ○○○ OK (intensity 3 is max. - 2 is recommended)

●○○ Zero cutter ○○○ display number of cuts ○○○ Saved OK ○○○ set 0

●○○ Zero number print ○○○ display number of tickets ○○○ Saved OK ○○○ set 0

●○○ To unblocking – do not change, must be 9999

●○○ Choice of encoding – not used in this application

●○○ Network address - used only in groups of automats operated by central computer

●○○ Production password – must be entered another password – access is permitted only to producer and authorized technicians – zero all values

***** Attention – firstly confirm Paper initiation by button on the bottom – title insert paper is displayed, afterthat paper should be inserted into printer, while top panel is covered. Paper is initiated automatically. If paper is inserted into printer, while title Paper initiation is displayed, it does not come to automatical initiation.