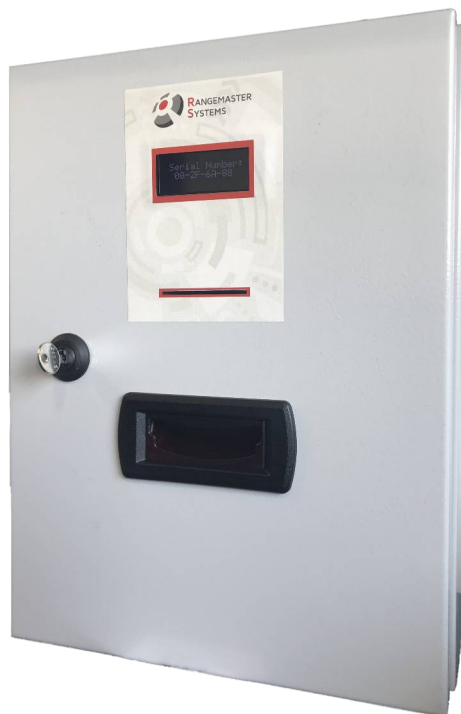




RRANGEMASTER
SYSTEMS

Rangemaster CashMaster
Cash acceptor for loading chip cards
User manual
for the administrator



Order code: CashMaster
Revision Date: 31.01.2020

TABLE OF CONTENTS

1. DESCRIPTION OF THE UNIT.....	2
1.1 FEATURES.....	2
1.2 TECHNICAL DATA.....	2
1.3 OPTIONAL ACCESSORIES.....	2
2. LEGEND.....	3
3. OPERATING.....	4
4. SETTING UP.....	5
4.1 LEGEND.....	5
4.2 SERIAL NUMBER.....	6
4.3 FACTORY RESET.....	6
4.4 YEAR CODE.....	6
4.5 COUNTER OF MONEY ACCEPTED.....	7
4.6 COUNTER OF TARGETS LOADED.....	7
4.7 BILLS ALLOWANCE.....	7
4.8 GROUP ALLOWANCE.....	8
4.9 TARGETS.....	8
5. TROUBLESHOOTING.....	10
6. LIMITED WARRANTY.....	12
7. RMA FORM.....	13

Copyright Maxima WarenhandelsGmbH © Rangemaster Systems - all material published on this manual is protected by copyright including design of circuits and software.

You are expressly prohibited from electronically storing any material found here or republishing it by any means. Furthermore it is prohibited to reverse-engineer software or hardware, disassemble or copy software or hardware or parts of it.

This unit has been carefully produced for / by:

Maxima WarenhandelsGmbH

© Rangemaster Systems

Dr.Robert Graf Straße 64/9,

8010, Graz, Austria

Phone: +43 699 104 03 204

Fax: +43 720 920 195

Mail: info@rangemaster.at

Web: www.rangemaster.at

1. DESCRIPTION OF THE UNIT

Rangemaster CashMaster is cash acceptor terminal for loading chip cards

1.1 FEATURES

- Loads values (cash/targets) on the card by accepting euro bills via cash acceptor
- Settable value of banknotes accepted by cash terminal
- Resettable counter for cash and targets

1.2 TECHNICAL DATA

Power Input:	2A; 12V
Power consumption:	≤ 24W
Operation temperature:	-10 ° C to + 30 ° C
IP	Indoor use only
Dimensions:	Height: 400 mm, width: 300 mm, depth: 210 mm
Weight:	5000 gr

1.3 OPTIONAL ACCESSORIES

Sequencers

Rangemaster X1 Phono Pull unit	X1
Rangemaster X1 PRO	X1 PRO
Rangemaster X2+ sequencer	X2
Rangemaster X3 Flash sequencer	X3FLASH

Remote controls & others

Multifunctional smart remote control	TXSMART
Multifunctional remote control	TXSPO16
Hand held chip card loader	CCC-2

2. LEGEND



DISPLAY	4X16 LCD display
SLOT FOR CHIP CARD	Slot for chip cards – both for contactless RFID chip cards and standard chip cards
SLOT FOR CASH	Slot for euro bills
KEY	Key lock for opening and closing the box

3. OPERATING

When the terminal is switched on, the following message is always shown on the display:

CashMaster
Your card please

When a card holder inserts his card inside the terminal slot, he will see the following information:

- Name of the card holder
- Value left on his card

Name: S
Targets: 20
> Insert bill <

When the bill is inserted it will automatically load value on the card and show the new value on the card.

Name: S
Targets: 120
> Insert bill <

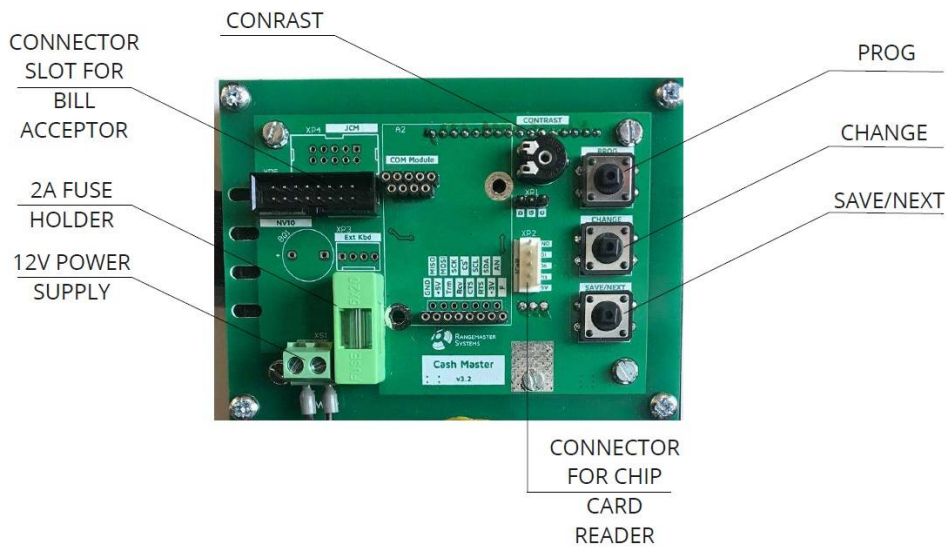
The value of the bills which can be inserted can be programmed ([refer to 4.7](#)). *E.g. in accordance to shooting ground policy 100 and 500 euro bills cannot be accepted, so in case the "wrong" bill is inserted, card holder will see the following message*

Prohibited Note
Please WAIT!

4. SETTING UP

When the device is received it should be set up in accordance to the shooting ground policy and preferences.

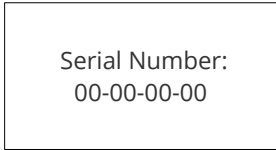
4.1 LEGEND



PROG	Button to enter the menu and leave the menu
CHANGE	Changing the value (higher)
SAVE/NEXT	Save changes and go to the next mode
CONTRAST	Regulates brightness of the display
FUSE	Exchangeable. 2A
CONNECTOR FOR BILL ACCEPTOR	Connector with flat cable. Take care that the flat cable is properly connected!
CONNECTOR FOR CHIP CARD READER	Connector with flat cable. When correctly connected, blinks every second. When card is inserted and correctly read it stays green. Take care that the flat cable is properly connected!

4.2 SERIAL NUMBER

To enter the set up section press the **PROGRAM** button and you will see the serial number on the display:



Serial Number:
00-00-00-00

Press **NEXT** button to get to the next section.

4.3 FACTORY RESET

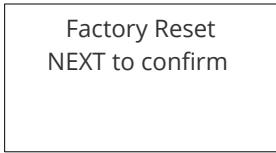
In Factory reset section all settings can be reset. *When setting for the first time, of course it has no setting, but can be done later if necessary.*



Factory Reset

If you do not want to reset the device, press **NEXT** button.

To reset the device, press **CHANGE** button. So you will see the following message on display:




Factory Reset
NEXT to confirm

If you press **NEXT** it will reset all set up settings. If you don't want to reset press **CHANGE** button again. To go to the next section click **SAVE/NEXT** button.

4.4 YEAR CODE

In YearCode section administrator can able or disable Year Code and if it is abled set a new one.

Year Code is an optional feature used to force cardholders turn to the shooting ground's front desk to have the code updated. Cards with old Year Code cannot be used until updated.



YearCode control
Disabled

To able or disable it, use the **CHANGE** button.

To confirm and go to the next section click **SAVE/NEXT** button.

4.5 COUNTER OF MONEY ACCEPTED

Next section is a Counter of all money accepted and loaded on the card since the last reset. To reset the counter to zero can be done by pressing CHANGE button.

To confirm and go to the next section click **SAVE/NEXT** button.

Accepted money
0 EUR

CHANGE to reset

4.6 COUNTER OF TARGETS LOADED

Next section is a Counter of all targets loaded on the card since the last reset. To reset the counter to zero can be done by pressing **CHANGE** button.

To confirm and go to the next section click **SAVE/NEXT** button.

Accrued targets:
0

CHANGE to reset

4.7 BILLS ALLOWANCE

In **Bills allowance** section different value euro bills to be accepted by the cash acceptor may be set:

___SETTINGS___
Bills allowance

CHANGE to edit

Use **CHANGE** button to shift from **allowed** to **prohibited** in accordance to the shooting ground policy. To confirm and go to the next section to set all bills (5,10,20,50, 100, 200, 500) click **SAVE/NEXT** button.

___SETTINGS___
Note:
10 EUR
Allowed

___SETTINGS___
Note:
20 EUR
Prohibited

4.8 GROUP ALLOWANCE

In **Group allowance** section all customer groups used on the shooting ground should be set.

Customer groups to be allowed on the shooting ground.

Customer groups are special groups which are set by the shooting grounds (e.g. customer group A – might be club members, group B – non club members and so on up to 26 groups (A-Z)). These groups are already set when assigning a chip card to a shooter.

Set which we allow.

__SETTINGS__

Group allowance

Use **CHANGE** button to shift from **allowed** to **prohibited** in accordance to the shooting ground policy. To confirm and go to the next customer group to set allowance, click **SAVE/NEXT** button.

__SETTINGS__

Group A:

Allowed

__SETTINGS__

Group C:

Prohibited

4.9 TARGETS

In **Targets** section administrator sets the number of targets which customer gets on his card by inserting a certain euro bill inside the cash acceptor.

Targets

Group A

5 EUR

25 Targets

*e.g. customer of A group will get 25 targets on his card for 5 euro. To change the number of targets, use **CHANGE** button. Press **SAVE/NEXT** to go to the next subsection to set the next group/bill.*

Targets

Group A

10 EUR

50 Targets

*e.g. customer of A group will get 50 targets on his card for 10 euro. To change the number of targets, use **CHANGE** button. (keep it pressed to change the value faster but take care not too miss the value otherwise you have to reset the device or press **PROG** button to cancel).*

Note: *In case e.g. for 50 euro bill we set 0 targets, the bill will be prohibited.*

Set amount for each bill and each used customer group which were allowed in accordance to the setting [4.8 group allowance](#).

After the setting is over the following message will be shown on the display and it means that terminal is ready to accept bills and load chip cards:

CashMaster
Your card please

5. TROUBLESHOOTING

Message shown on display	Description	Solution
Hardware fault: Validator Error 4902	Validator error (e.g. Cash acceptor is broken or bill or other item is stuck)	- Administrator should take a picture or write down the info from the display to save the data for later - Open the back side of the CashMaster and press button (Save/Next) - Try to get the stuck bill or other item If it is impossible administrator should switch off the power and open the bill acceptor in accordance to the <i>Bill Acceptor Technical Manual</i>
Hardware fault: Cardreader Error 4A02	ICar error (no answer)	Power off the device and get in touch with Rangemaster Systems (<i>try disconnecting and reconnecting the ICAR cable</i>).
YC Error 0044 Please call Administrator	YearCode on CashMaster is corrupted	Year Code has never been set up; Present the Admin card with the correct Year Code set up
Contact office Invalid Card Error: 4A05 Remove card, pls	Wrong YearCode on card	Shooter should go to the office and have his chip card checked to have Year Code updated on his chip card
Contact office Invalid Card Error: 4A04 Remove card, pls	ICAR read/write error	- If the customer's card cannot be read on CCC2 or on the computer, the card should be exchanged to a new one. - If shooting grounds uses contact SLE cards - it is possible that there is a problems with the contacts part of the chip card reader (card slot) - check if the cable between card reader and main board is correctly inserted
Contact office Invalid Card Error: 4A08 Remove card, pls	Wrong data on the card (wrong group name for example)	Shooter should go to the office and have his chip card and his customer group checked to be sure that he uses the correct card
Card is full Remove card, pls	Impossible to load money, targets or rounds	The card is loaded to its maximum and shooter cannot load more values on it. Maximum value: - maximum number of targets – 9999; - maximum number of rounds – 99; - maximum amount of money – 10,000.00;
Contact office Invalid Card Error: 4A07 Remove card, pls	Wrong Customer ID or unsupported card (mode card is used, etc.)	Shooter should go to the office and have his chip card checked to be sure that he uses the correct card
Contact Office Currency error Error 4905	Currency settings in the CashMaster is not equal to the bill validator currency	Power off the device and get in touch with Rangemaster Systems (<i>set the currency</i>).

Message shown on display	Description	Solution
Reader updated	Teaching card presented	Message is shown after the teaching procedure done by administrator
Contact office Invalid Card Error: 4A0B Remove card, pls	Wrong card or invalid card Possible chip card failure, old/bad chip card with damaged chip or card was not correctly inserted	<ul style="list-style-type: none"> - Administrator should remove the chip card (if it is still inside) - Take a picture or write down the info from the display to save the data for later - First try to insert the card again - maybe it was inserted by wrong end (if SLE card) or the contacts part on the chip card is dirty - Open the back side of the CashMaster and press button (Save/Next) - Admin gives the bill to shooter back (which wasn't loaded on the card but was accepted by the cash acceptor) - Go to the office and exchange the old chip card and give a shooter a new chip card and checks that a shooter has correct value on his new card in accordance to the value which was shown on the display
No message on display	Chip card was removed before money was uploaded on the card (Shooter is not familiar with the device or tried to cheat and removed the card too early)	<ul style="list-style-type: none"> - Administrator should take a picture or write down the info from the display to save the data for later - Open the back side of the CashMaster and press button (Save/Next) - Admin gives the bill back to shooter (which wasn't loaded on the card but was accepted by the cash acceptor) - Go to the office and check that a shooter has correct value on his card in accordance to the value which was shown on the display
No message on display	Chip card reader is broken (Chip card reader broke while loading value by the shooter)	<ul style="list-style-type: none"> - Administrator should take a picture or write down the info from the display to save the data for later - Open the back side of the CashMaster and press button (Save/Next) - Admin gives the bill to shooter back (which wasn't loaded on the card but was accepted by the cash acceptor) - Go to the office and check that a shooter has correct value on his card in accordance to the value which was shown on the display

6. LIMITED WARRANTY

Rangemaster Systems gives a limited warranty on this products against defects in material or workmanship for time of 12 months.

This period starts upon receipt of the product.

Rangemaster System will not be liable for loss of data or loss of profit or turnover due to a defect.

The warranty only includes repair or replacement of defect components, which failed during daily use. "Daily use" has to be read as: Use in accordance to specifications and in intended use.

General information & warranty exclusions: Damages due to water, moisture, vandalism, lightening, surges over power line or power supply, usage outside of specifications, dropping the product, excessive heat or cold (both for operation and storage) damages because of dropping the product, unnecessary force, damages because of empty or discharged batteries or accumulators are warranty exclusions and do not entitle you for a free of charge repair or replacement.

In case of chip card readers with contacts are built in the product. Items or dirt inside the reader are warranty exclusions.

In case of touch screens are built in the product: Damages due to improper use (using something else than your finger) causing scratches or punctures on the screen or on the touch surface will not be covered with warranty.

Please ask for a RMA number by sending an email to support@rangemaster.at
Add invoice number, date of invoice and serial number of product.
Also add a detailed description of errors.

Return unit for repair to:

Maxima WarenhandelsGmbH
© Rangemaster Systems – Ext. Storage
8082 Weissenbach 9
Austria/Europe

Show your RMA number of the box. Send us a tracking link after returning the product to us.

7. RMA FORM

To:

 Maxima WarenhandelsGmbH
 © Rangemaster Systems – Ext. Storage
 8082 Weissenbach 9
 Austria/Europe

RMA: _____

Date: ____/____/____

Date of purchase	
Supplied by	
Invoice number (Please attach copy of invoice)	
Product serial number	
Description of error	

Please return to:

Name	
Club	
Address 1	
Address 2	
Zip code	
City/Town	
Country	
Phone	
E-Mail	