

angry Penguins

User Guide



REDEMPTION

MULTIPLAYER

VIDEO

CLASSIC

Made in Europe by



King of Boxers



WELCOME

Thank you for choosing our product!

Our machines are fully computerized coin-operated strength-testers used for amusement and entertainment. You can use them in bars, pubs, amusement parks and other places of entertainment.

We made sure that all the components used for production as well as the machine itself are made of best quality components and are safe for use.

Your machine is designed so that you can start using it right away.

CAUTION

SAFETY PRECAUTIONS

BE SURE TO READ THE FOLLOWING

Warning: Always turn OFF power and unplug the game before opening or replacing any parts.

Warning: Always when unplugging the machine from electrical outlet, grasp the plug, not the cord.

Warning: Always connect the machine to grounded electrical outlet.

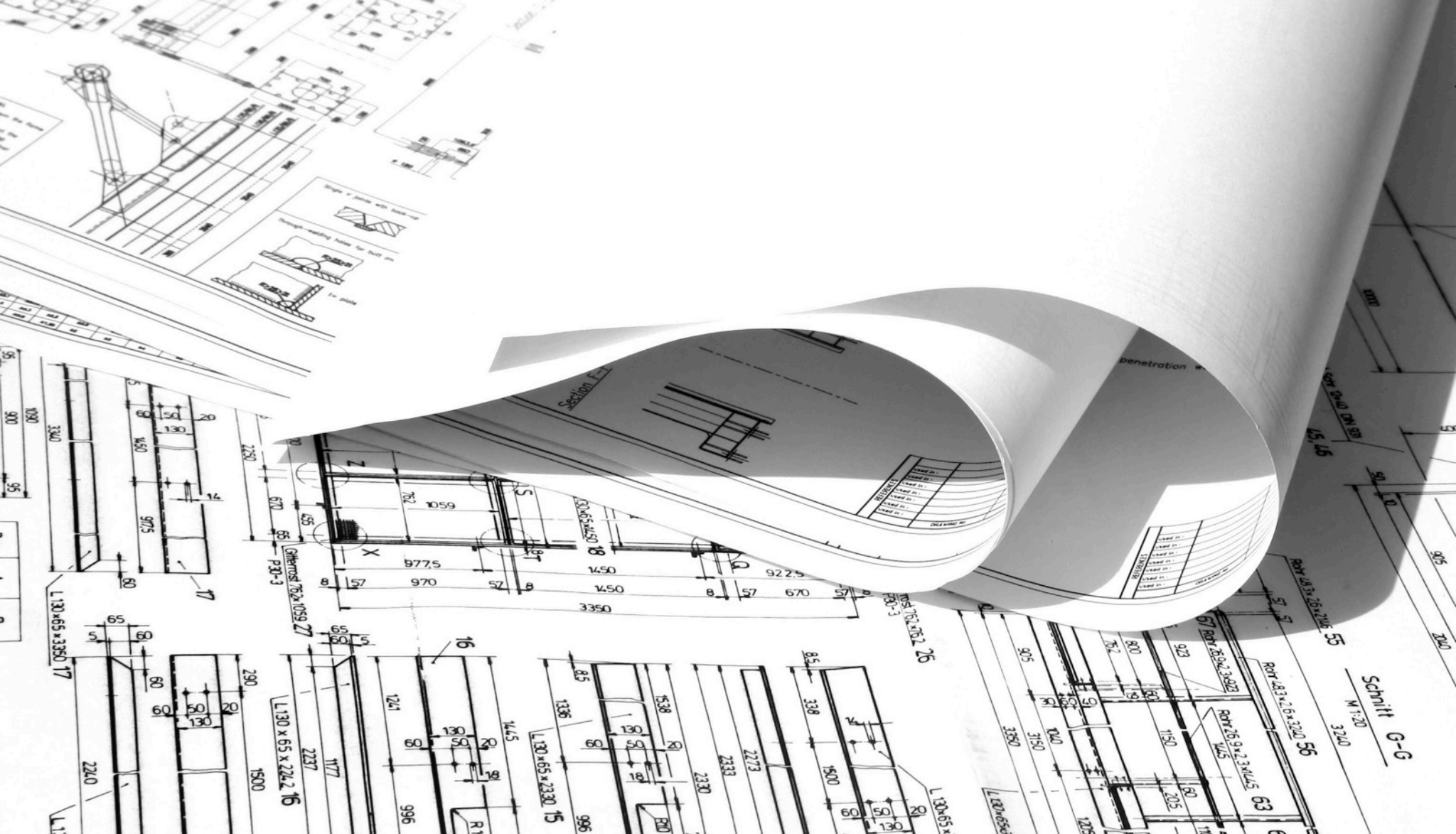
Caution: The wiring system is under voltage that is safe in normal use but may be harmful while improper use.

Caution: Always use digital multimeter, logic tester or oscilloscope for testing integrated circuits.

Caution: Do not connect or disconnect any of the integrated circuits while the machine is ON.

Caution: Do not use any fuse that does not meet the specified rating.

Caution: Do not subject the machine to extreme temperature variations.



MACHINE DESCRIPTION AND TECHNICAL SPECIFICATION

What's in the package

Machine is supplied with a full range of accessories to help you get started right away.

- Key set for service door and money door.
- Preinstalled CF card with Angry Penguins game.

General information

Game type: power / strength tester

Allocation: indoor and outdoor

Notice: Before placing machine outdoor, make sure that roof is installed properly.

Construction and mechanism: steel

Ball release mechanism: servo-mechanism

Color: red, black or any other color from RAL palette.

Notice: Delivery time may

Machine dimensions and weight

Height: 214cm / 84.5 inches

Width: 57cm / 22.5 inches

Depth: 100cm / 39.5 inches

Weight: 115kg / 253.5 lbs

Electrical and operating requirements

Power: 90V - 250V

Current frequency: 50Hz - 60Hz

Average power consumption: 70W

Currency

Working with all kinds of bills, coins and tokens.

Possibility of installing both coin and bill acceptors.

Optional extensions

- SMS acceptor.

- Ticket printer.

- WiFi monitoring camera.

Casing and glass

Casing: full fiberglass casing, minimum 4 mm thick, gelcoat coated.

Base plate: grooved aluminum plate.

Display glass: toughened polycarbonate, 6 mm / ¼ inch thick.

Displays

Main display: 17-inch LCD, 16,7 millions of colors, 1280x1024 support.

Segment display: red score, credit and best score display with 64 flashing points.

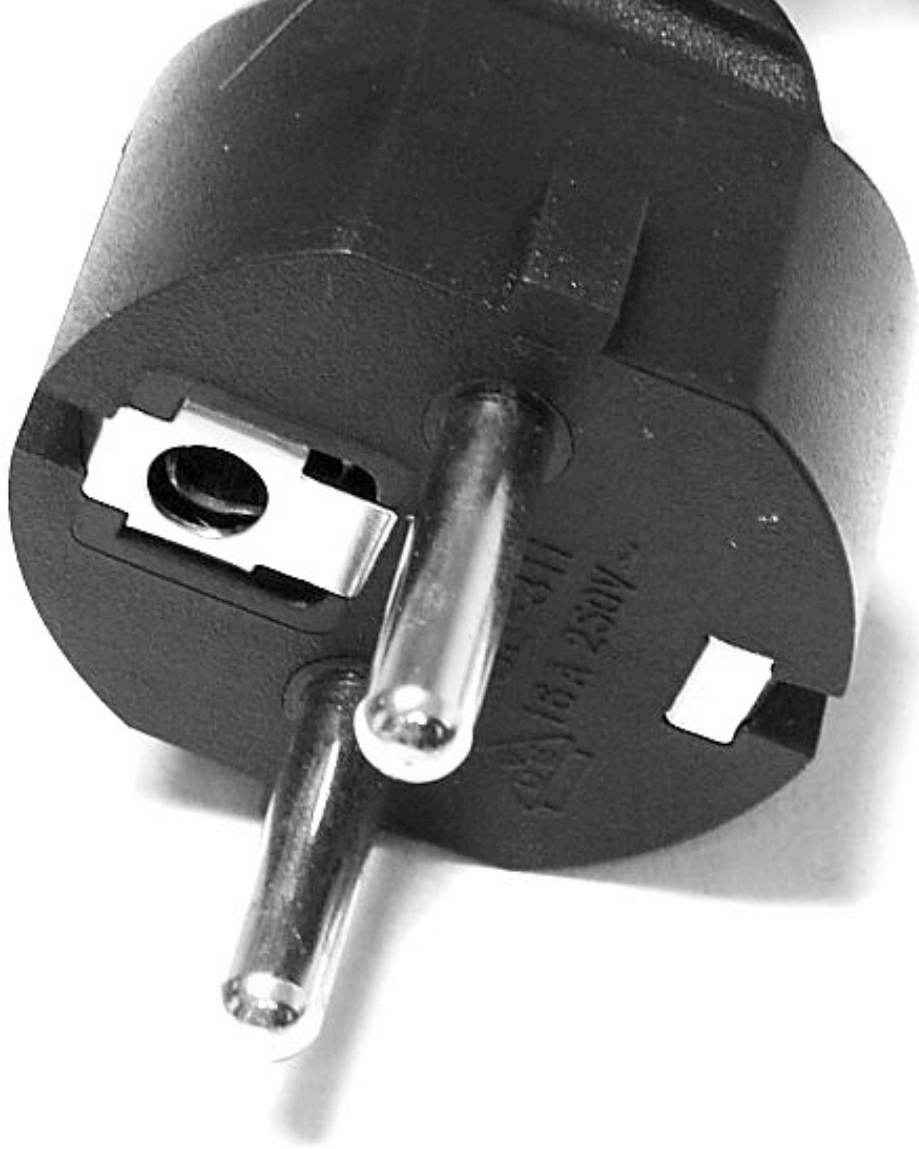
Software regulated features

- Volume.
- Credit settings.
- Free-play mode.
- Ticket dispenser settings.
- Power correction.
- Game level.
- Best score limit.
- Best score drop-down delay, drop-down value and drop-down range.
- Clear active credits.

Notice: See full description of software regulated features in the Settings section.

Operation modes

1. OFF
2. Booting
3. Normal operation mode
 - a. Standby
 - b. Game
 - c. Prize give out
4. Settings
5. Error



INSTALLATION AND MAINTENANCE

The machine is designed so that you can set it up quickly and start using it right away.

Installation

1. Place the machine at the desired location.

Warning: If your machine version is not outdoor-ready, do not install the machine outdoors or in areas with high humidity, direct water contact, high heat or extreme cold.

Warning: Do not install the machine in areas that would present an obstacle in case of an emergency.

Caution: To move the machine for transport, use a forklift and take care not to hit the package. Do not stack heavy objects on top of the machine, as this may cause damage.

Notice: To move the machine for placement, use machine wheels.

2. Remove the package wrapping from the machine.

Notice: Make sure that the machine stands securely on the ground.

3. If the machine is cold, open machines back door and wait about 30 minutes for the electronics to warm up.
4. Connect the power cord to power outlet and check if machine is working.

Volume adjustment

1. Turn ON the machine and wait for normal operation mode.
2. Open back door and locate main board.
3. Insert credits or set the machine to Free Play Mode (described in [Settings](#) section).
4. Use S2 and S3 buttons on the main board to adjust volume.

Cleaning

Use paper towels and window cleaner to clean the machine.

Do not apply window cleaner or any other liquid directly on the machine. Instead apply it on the paper towel.

Caution: Machine works under high voltage. Always turn machine OFF before cleaning.

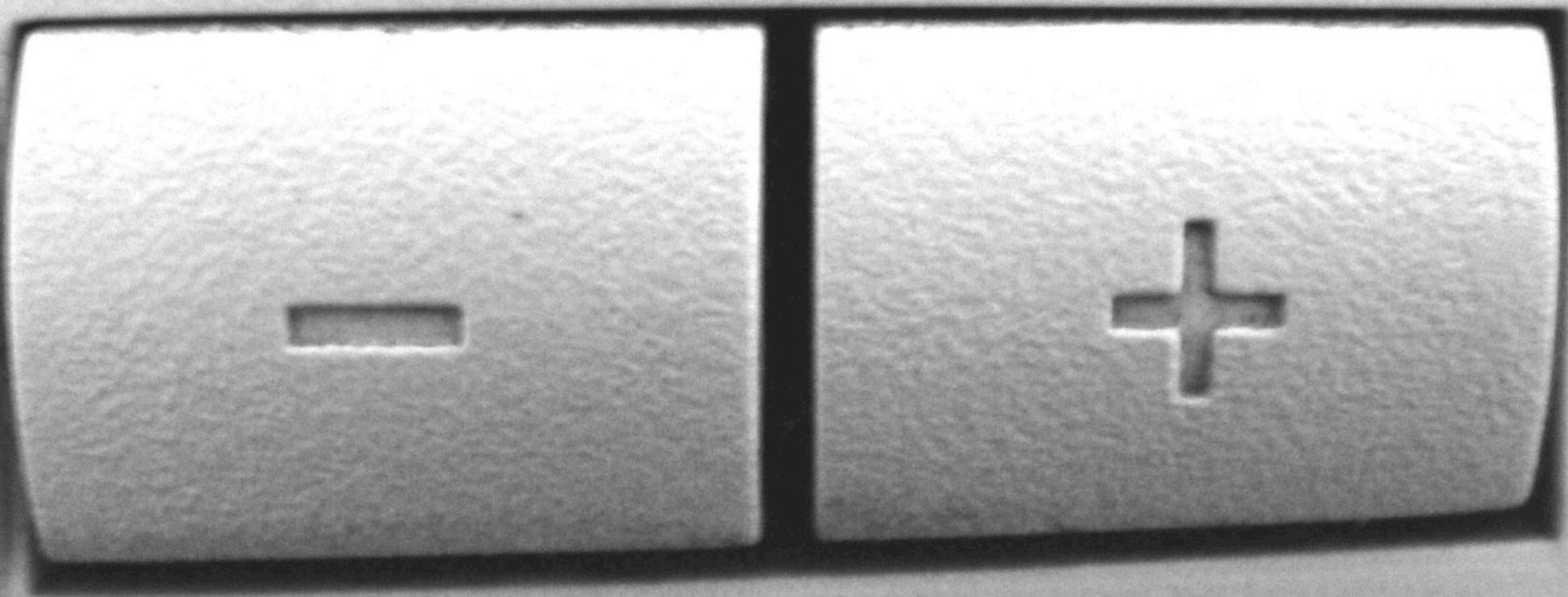


HOW TO

HOW TO PLAY

1. Insert coin or bill.
2. Press START button and wait for the ball to be released.
3. Punch the ball.
4. Watch the animation on the LCD screen.
5. Watch your score on the display.

ADJUST



SETTINGS

How to access and browse through settings menu

1. Turn ON the machine and wait for normal operation mode.

Notice: Find out more about machine operation modes in [Machine description and technical specification](#) section.

2. Open back door and locate main board.

Caution: Machine works under high voltage.

3. Press S1 button on the main board.

4. Use S1 button to browse menu and S2 and S3 button to change values.

Settings description

1. FrE - Free-play mode
 2. rdd - Best score auto drop-down delay in minutes.
 3. rdV - Best score auto drop-down value in points.
 4. bE1 - reserved
 5. bE2 - Best score limit.
 6. Cr1 - reserved
 7. Cr2 - Power correction multiplier.
 8. Cr3 - reserved
 9. - 15. PL1 - PL7 - Credit setting for coin and bill acceptor channels.
 16. - 22. PE1 - PE7 - Extra credit setting for coin and bill acceptor channels.
- Warning:** Make sure that PE1-PE7 settings are at least as high as PL1-PL7.
If you don't want to use Extra credit feature, set PE1-PE7 to the same values as PL1-PL7.
23. - 29. Cn1 - Cn7 - Money counter setting for coin and bill acceptor channels
 30. reserved
 31. reserved
 32. reserved
 33. reserved
 34. Money counter (erasable)
 35. Money counter (total, non-erasable)
 36. Game counter (erasable)
 37. Game counter (total, non-erasable)
 38. Free game counter (erasable)
 39. Free game counter (total, non-erasable)

40.CLr - Clear active credits.

41.bon - Bonus ratio

42.dFG - reserved (must be set to **002**)

43.GA1 - reserved (must be set to **off**)

44.GA2 - reserved (must be set to **on**)

45.GA3 - reserved (must be set to **off**)

46.GA4 - reserved (must be set to **off**)

47. tFr - Tickets for best score.

48. - 50. t-1 - t-3 - Tickets and points value for exceeding 1st. 2nd, 3rd score threshold.

51. - 57. Ticket setting for coin and bill acceptor channels.

58. dFL - Default settings.

How to exit settings and apply changes

All values are stored immediately after making any changes. You don't have to reboot the machine in order to apply changes.

Browse through the menu using ADD PLAYER button (or press and hold ADD PLAYER button) to exit the menu.

Fast-scrolling in settings menu

When changing values in settings menu, you can use fast-scrolling feature that will help you set high values much faster. Simply press and hold START, S2 or S3 button and after 1 second delay you will see that the values are now fast-scrolling.

Best score drop-down

Machine is using auto drop-down function by default. This function will decrease the best score value according to **rdd** and **rdV** settings. This function takes action only in standby mode and will not work if machine is set to free-play.

Notice: If you don't want to use auto drop-down function, set **rdd** to 999 and **rdV** to 001. This setting means that every 999 minutes (approximately 16 and a half hours) auto drop-down function will decrease best score by 1 point.

How to erase best score

1. While in setting menu, use ADD PLAYER button and navigate to **rdd** (position no. 2 in settings menu).
2. Press both S2 and S3 buttons on the main board at the same time.

Notice: After erasing best score, new best score will be 000. You can make the first punch to set current best score to a higher value.

Power correction multiplier

When players are getting too low scores, increase the **Cr2** value.

When it's too easy for players to reach high scores, decrease **Cr2** value.

How to read counters

Counters can display large numbers (up to 6 digits) and are using both score and best score displays. For example: when reading total game counter (position no. 34 in setting menu), you'll see:

- **002** on the score display
- **34** on the credit display
- **491** on the best score display

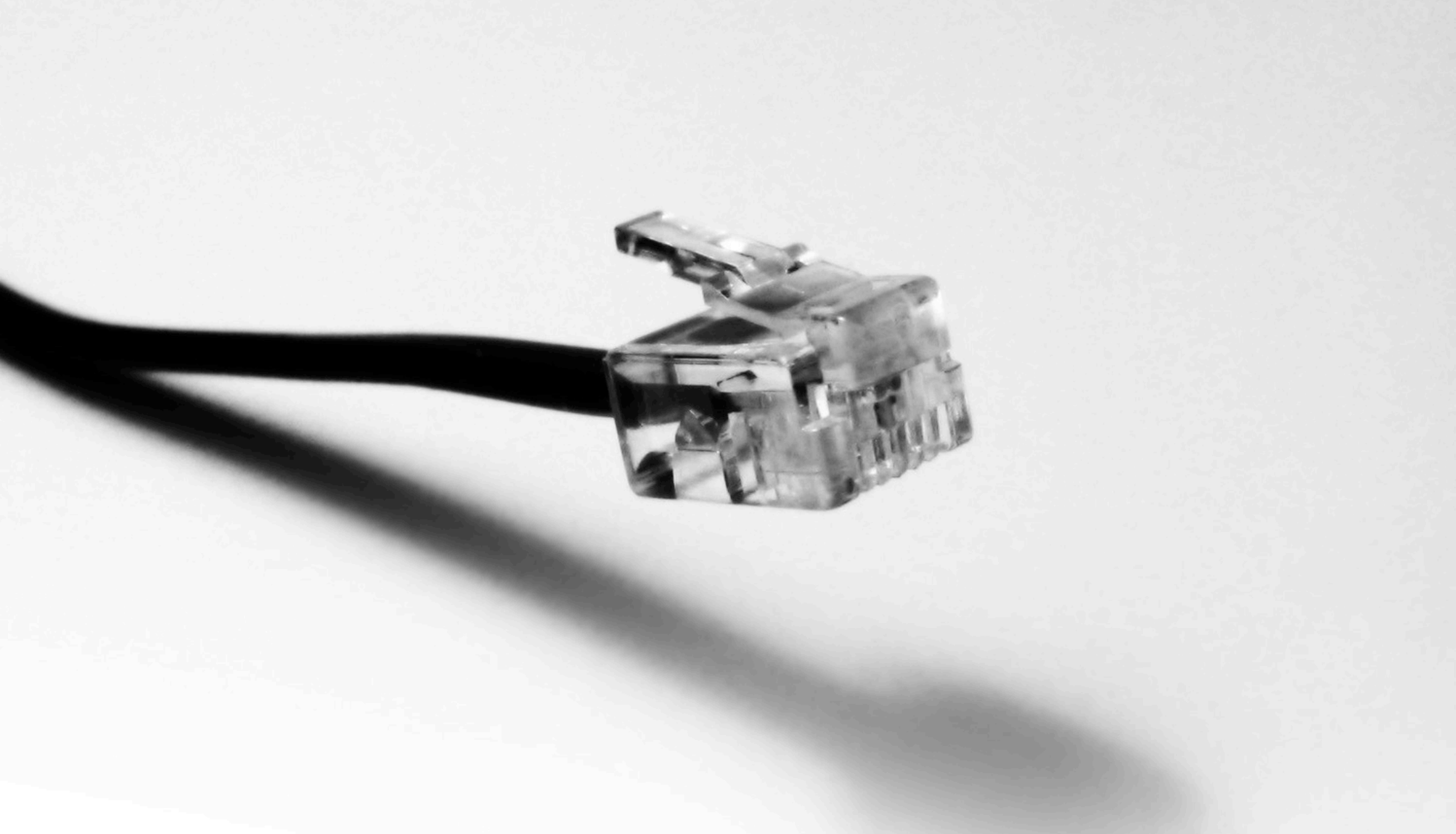
It means that the machine received **2.491** worth of coins or bills in your currency. Number **34** on the credit display is just an order number of this settings menu position and it's not relevant to the counter value.

How to erase counters

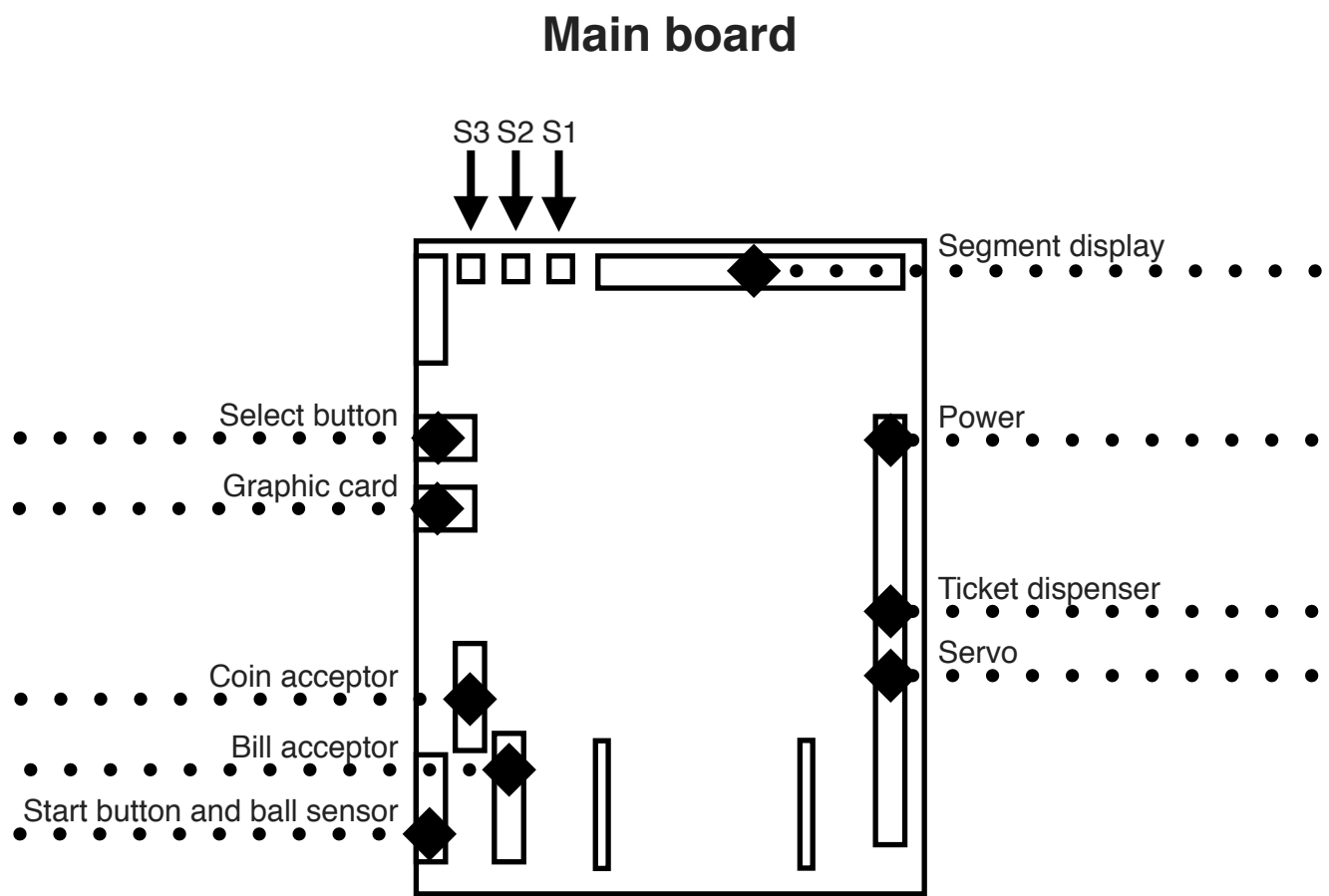
1. While in settings menu, use ADD PLAYER button and navigate to desired erasable counter.
2. Press both S2 and S3 buttons on the main board at the same time.

How to erase counters

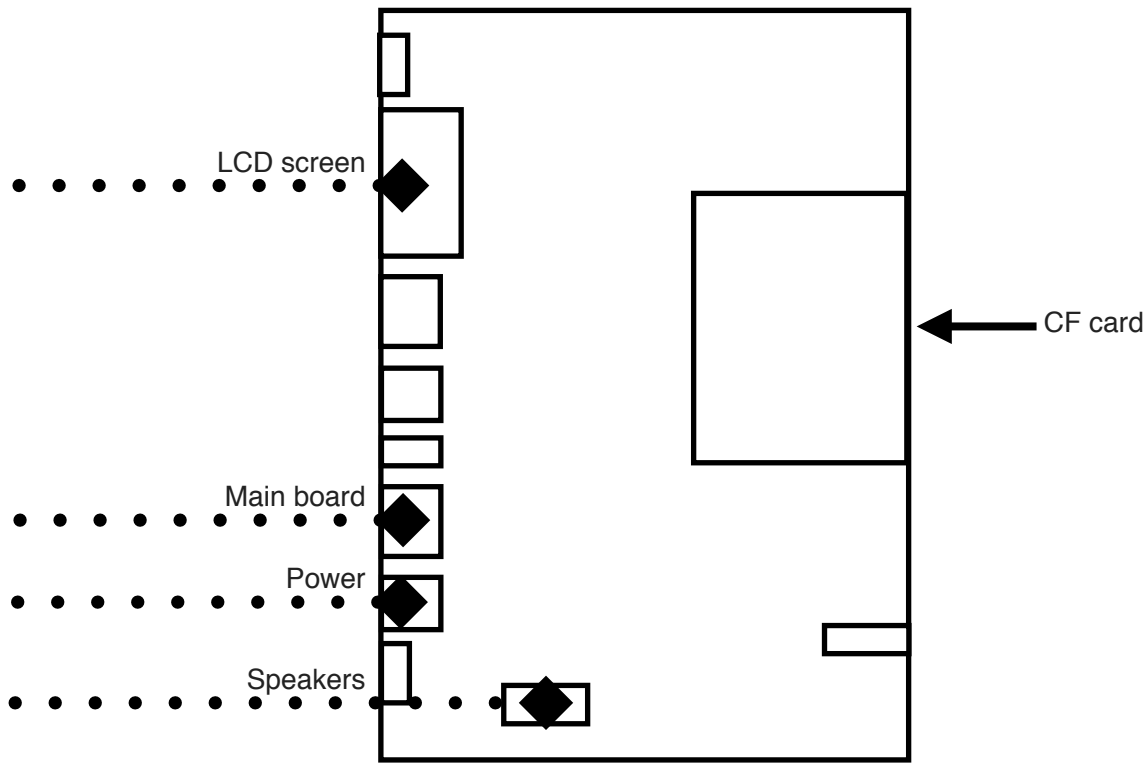
1. While in settings menu, use S1 button and navigate to desired erasable counter.
2. Press both S2 and S3 buttons on the main board at the same time.



ELECTRONICS DESCRIPTION



Graphic card

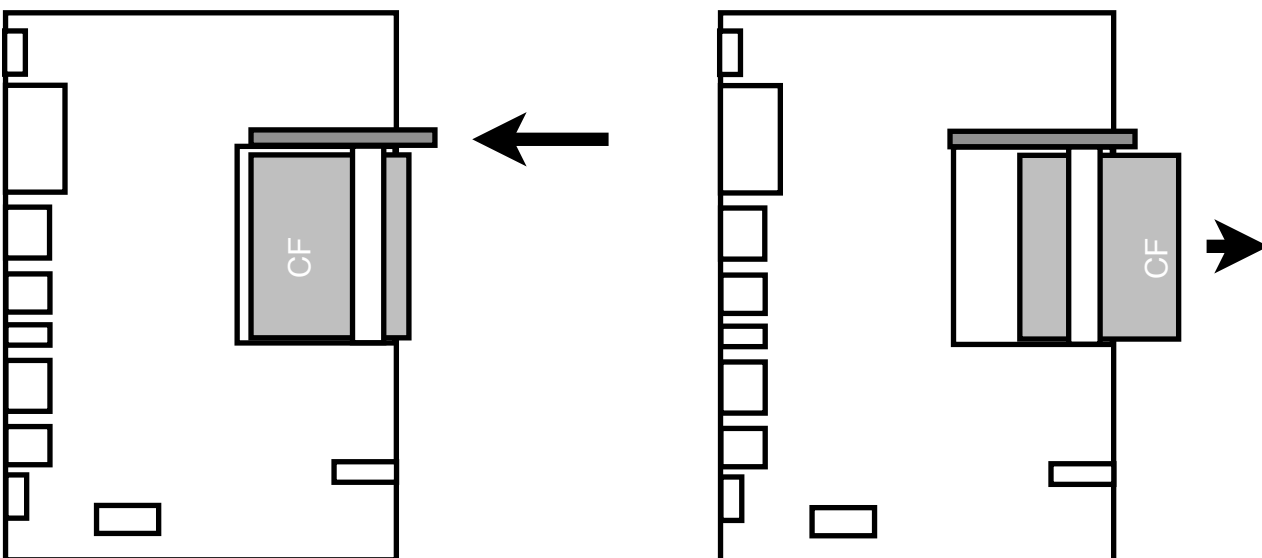




CF CARD REPLACEMENT AND MEDIA UPDATE

Card replacement

1. Turn OFF the machine, open back door and locate CF card.
2. Press the eject stick next to the card and remove the card.



3. Insert new card securely.
4. Close the back door and turn on the machine.

CF card media update

1. Follow steps 1 and 2 from the [Card replacement](#) description.
2. Place the CF Card in card reader and connect it to your Mac or PC.

Notice: Make sure that your card reader is high quality and the USB cable can power the reader. Some low-quality card readers need additional power supply to work correctly.

3. Go to the card directory and copy MEDIA folder with all files that it contains. Paste it to safe location on your computer.

Notice: In case of problem you will need those files to restore your card.

4. In second window go to directory with update files, copy all new files.
5. Go back to the card directory, open MEDIA folder and paste update files. Allow to over-write files.
6. Remove card from card-reader using you operating system hardware removal tool.
 - a. Mac OS X: Right-click on the card icon, Eject.
 - b. Windows XP / Vista / 7 / 8: Use [Safely remove hardware](#) tool included in your operating system.

Notice: Removing card from the reader without the hardware removal tool might make the card invisible to the machine.

7. Follow steps 3 and 4 from the [Card replacement](#) description.

Custom new files settings

Depending on the editing software that you're using there are several properties required. Below you can find all the info that should be enough to start suitable new project and perform media export.

Width: 720 pixels
Height: 576 pixels
Pixels Aspect Ratio: Square (1:1)
Image Proportion: 5:4
Fields order: No Fields (Progressive Scan)
Frames per Second: 25fps timecode
TV Standard: PAL

Codec: MPEG-2
File extension: .mpg
Minimum Bitrate: 4Mbps
Target Bitrate: 5Mbps
Maximum Bitrate: 6Mbps



TROUBLESHOOTING

How to check main board and graphic card software version

1. Make sure that the machine is OFF and open back door.
2. Remove CF card from the graphic card.
3. Turn ON the machine
4. Check software version on the display
 - a. Main board SW version is displayed on the credit display
 - b. Graphic card SW version is displayed on the LCD
- Notice:** LCD screen will display rotated image. Don't worry - that's normal.
5. Turn OFF the machine and place the CF card in the graphic card.

How to adjust LCD screen

1. Turn ON the machine and wait for normal operation mode.
2. Open prize door.
3. Locate 7 buttons on the edge of LCD screen
4. Press twice the 2nd button from the top and wait for the screen to auto-calibrate.
5. If screen need custom adjustments, follow the information on the screen

How to fix „Volume, data logging” error

1. Turn OFF the machine and open back door.
2. Remove the CF card from the graphic card.
3. Place the CF card in card reader and connect it to your PC or Mac to make sure that the card is recognized.
4. Check if the CF card is formatted with FAT32 file system.
 - a. Mac OS X: open Disk Utility.app, select card from the list on the left, check Format position in the details on the bottom of the window.
 - b. Microsoft Windows: open My Computer, right-click on the card, click on properties, check File system details.
5. Remove card from card-reader using you operating system hardware removal tool.
 - a. Mac OS X: Right-click on the card icon, Eject.
 - b. Windows XP / Vista / 7 / 8: Use Safely remove hardware tool included in your operating system.
6. Place the card securely in the machine, close the door and turn ON the machine.

How to fix „No Media Dir” error

1. Turn OFF the machine and open back door.
2. Remove the CF card from the graphic card.
3. Place the CF card in card reader and connect it to your PC or Mac.

4. Navigate to card directory and check if MEDIA folder is there. Inspect the name of the folder as it have to be named exactly MEDIA with capital letters.
5. Remove card from card-reader using you operating system hardware removal tool.
 - a. Mac OS X: Right-click on the card icon, Eject.
 - b. Windows XP / Vista / 7 / 8: Use Safely remove hardware tool included in your operating system.
6. Place the card securely in the machine, close the door and turn ON the machine.

How to fix green LCD image

1. Turn OFF the machine and open back door.
2. Locate two switches on the graphic card
3. Set switches to correct positions
 - a. The one next to VGA connector should be set to position closest to VGA connector.
 - b. The one next to power connector should be set to position closest to power connector.



SUPPORT AND CONTACT INFORMATION

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WARRANTY TERMS

1. Kriss-Sport warrants that the machine will be free from defects in electronics (main board, graphic board, punch ball sensor, power supply, buttons) and ball release mechanism for a period of two years from the date of sale.
2. Third party electronics (coin acceptor, bill acceptor, ticket dispenser) are covered by the warranty for a period of one year from the date of sale.
3. Warranty terms do not cover parts not included above.
4. Defect definition regarding mechanism: it will be considered as defective if un-welding or breaking takes place during warranty period. It does not include scratching or rubbing out of any metal part which results from heavy usage of the machine.
5. Defect definition regarding electronics: it will be considered as defective if any connection between subcomponents on a particular board fails or any of them stops working itself. It does not include damages which occurred due to misuse, unauthorized connection or modifications.

6. Kriss-Sport should be informed of the defect immediately after it occurred. The faulty part should be dispatched to Kriss-Sport as soon as possible.
7. Customer pays for shipping the part to Kriss-Sport.
8. Kriss-Sport pays for shipping the part back to customer only if the part is still covered by the warranty.
9. Kriss-Sport will diagnose that the defects were not caused by improper use, neglect, unauthorized modifications, repair, setup or testing.
10. If the product prove defective during the warranty period, Kriss-Sport, at its option, shall:
 - a. Repair the defective part by means of telephone support or depot service at no charge for parts or labor.
 - b. Replace the defective part with a comparable product which may be new or refurbished
11. Only parts recommended and approved by Kriss-Sport are covered by Kriss-Sport warranty terms.
12. Any unauthorized modifications will automatically void any existing warranty.
13. Under no circumstances shall Kriss-Sport be held of responsible for loses in profit, usage or accidental serious damage to the machine.

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