

BOXER STANDARD

OPERATOR'S MANUAL



TABLE OF CONTENTS

INTRODUCION	3
SAFETY	3
DIMENSIONS	4
TECHNICAL SCHEME	4
GAME PLAY	5
SETUP (MENU SCHEME)	5
CABLE CONNECTION SCHEME	6
CREDIT SETTINGS	7
CHANGING THE PARAMETERS OF BOXER STANDARD	8
MAINTANENCE	9
TROUBLESHOOTING AND TYPICAL MALFUNCTIONS	10
MECHANISM SCHEME	11
GUARANTEE TERMS	12
GUARANTEE CARD	13

1. INTRODUCTION

Boxer Standard is a brand new coin – op amusement machine which measures strength of the hit in the punching bag. Boxer Standard is a machine designed for use in amusement parks, fairs, pubs, cinemas, discos, clubs, sea resorts, amusement parks, shopping malls, etc. Boxer machine is a guarantee of fun and competition in one. The entertainment machine has been designed and built with the best components available on the market.

2. SAFETY

Read the operating instructions before using the device or do maintenance for the first time.

Please keep this manual.

The warranty does not cover damage resulting from improper use of the device without prior reading of the instructions.

WARNING

The device is powered with 120V/60Hz current. Always make sure the device is unplugged before you do any maintenance. Only authorized staff can carry out any work on the device.

Under no circumstances should any plug or connector be pulled out or disconnected when the power is on.

Make sure the plug and socket are properly grounded. Protect the main cable against any damage. Oil and acid can damage the cable.

Use proper extension cables and do not overload power sockets.

Use only original spare parts.

Do not place the device near steams or inflammable liquids.

Make sure you place it on clean and smooth surface.

CAUTION

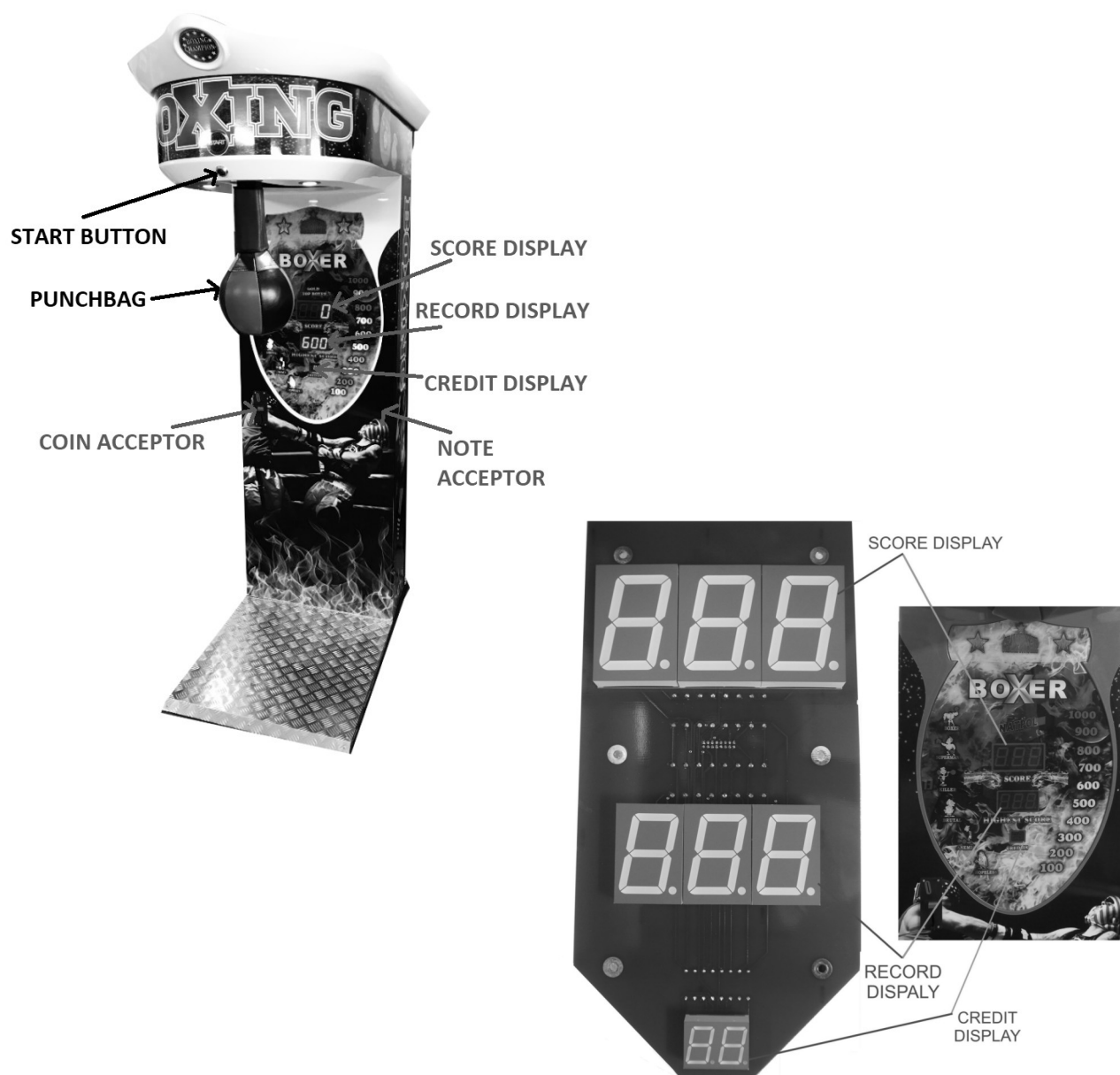
Precautions that must be taken to avoid damage to equipment. The following Warnings and Cautions should be needed when operating BOXER STANDARD device.

- Always punch the central part of the inflated punchbag
- Never punch the upper part of the punchbag – the arm of the release
- Never punch unflated punchbag
- You can punch the punchbag only by fist
- It is strictly prohibited to kick the punchbag and whole device

3. DIMENSIONS

Height	215 cm
Width	70 cm
Weight	130 kg
Depth	110 cm
Power supply	120 V
Power consumption	90 W

4. TECHNICAL SCHEME



5. GAME PLAY

- Insert coin / coins to the coin acceptor or note / notes into a bill acceptor
- Press start button
- Wait for punchbag release
- Hit the punchbag
- Watch your score at the Score Display
- Compare your score with hi-score (Record Display)

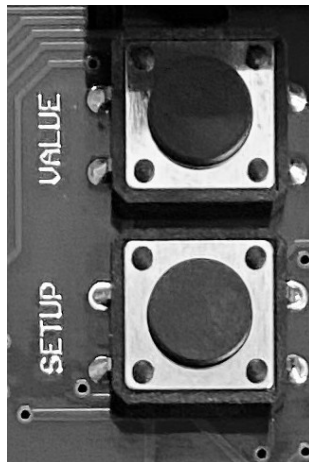
6. SETUP (MENU SCHEME)

SETUP entry is possible with zero credit account. Input to the SETUP with confirms the sound of "gong"

BUTTONS FUNCTION

SETUP - entrance to setup the device, change the channel, to approve changes to the settings.

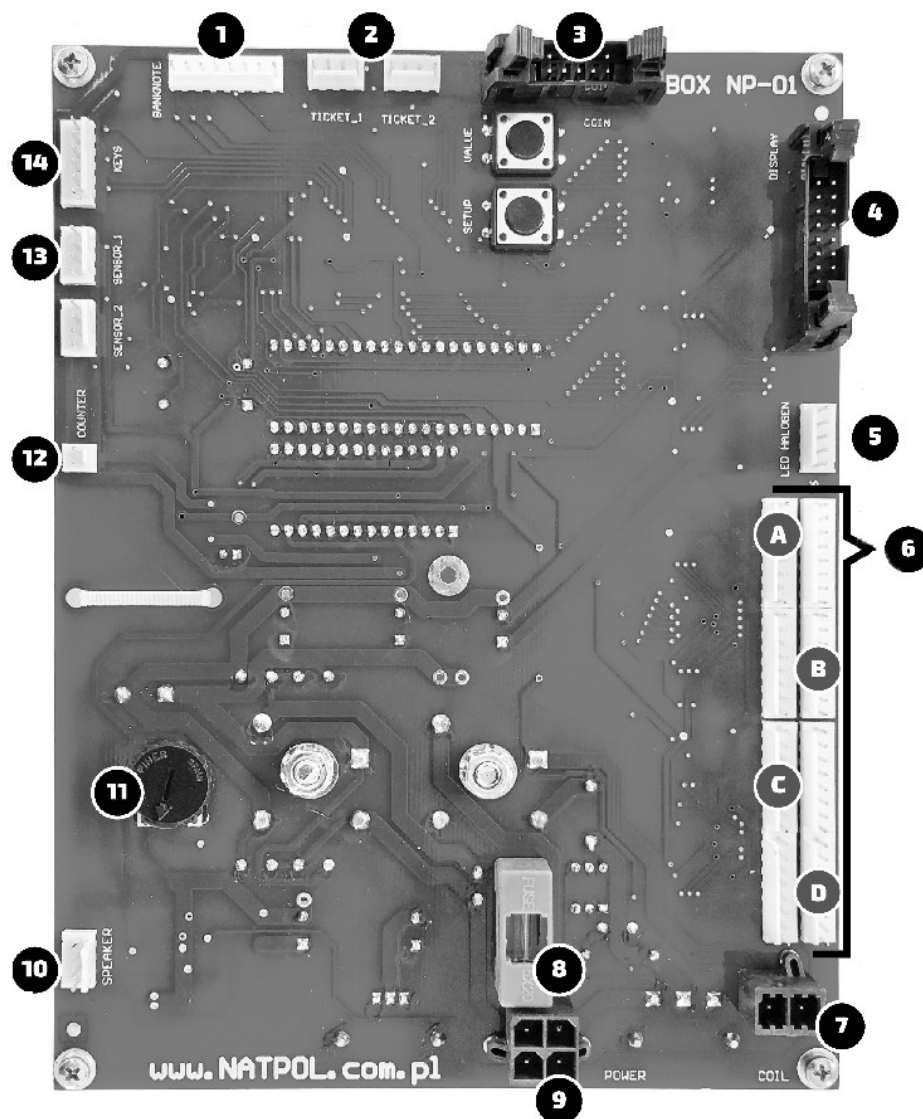
VALUE - change the parameters of the option.



VOLUME

Potentiometer VOLUME VOICE – use potentiometer to set voice volume

7.



CABLES

CONNECTION SCHEME

- | | |
|----------------------------|--------------------------|
| 1. NOTE ACCEPTOR | 7. ELECTROMAGNET |
| 2. TICKET DISPENSER | 8. FUSE PROTECTION |
| 3. COIN ACCEPTOR | 9. POWER (TRANSFORMER) |
| 4. DISPLAY | 10. SPEAKER |
| 5. LED HALOGEN LAMPS | 11. VOLUME POTENTIOMETER |
| 6. LED LIGHTS – GAME SCALE | 12. MECHANICAL COUNTER |
| A. ORANGE CABLE AS FIRST | 13. OPTICAL SENSOR |
| B. GREEN CABLE AS FIRST | 14. START BUTTON |
| C. PINK CABLE AS FIRST | |
| D. RED CABLE AS FIRST | |

8. CREDIT SETTINGS

MENU (SETUP) – POSITION 1 and 4 (position number is shown on credit display)

1 – FOR COIN ACCEPTOR

4 – FOR NOTE ACCEPTOR

Value of credit numbers is shown on score display

Value of coin / note is shown on record display

NOTE ACCEPTORS are programmed for \$1, \$2, \$5, \$10

Example I – for position 1 (Coin Acceptor):

Score Display – 0,25

Record Display – 1

When you insert 4x quarter coin you will get 1 credit

Example I - for position 4 (Note Acceptor):

Score Display – 1

Record Display – 1

When you insert \$1 note you will get 1 credit

When you insert \$5 note you will get 5 credits

Example II - for position 4 (Note Acceptor):

Score Display – 1

Record Display – 2

When you insert \$1 note you will get 2 credit

When you insert \$5 note you will get 10 credits

9. CHANGING THE PARAMETERS OF BOXER STANDARD

In order to choose SETUP, press the lower button (SETUP) placed on the electronics plate.

Button VALUE on the mainboard	- allows to navigate between different options - accept changes
Button SETUP on the inboard	- changes the values of Particular options.

1 – 7	Display Record – Setting the number of credits for every coin. You can choose a particular value from the following ones: 0, 0.25, 0.5 ,1 ,2 ,3 etc. up to 50 credits. 1 – 3 – For coins. 4 – 7 – For notes.	Credit Set
12.	The time of the presentations (demo) repetition Display Score – change (from 5 to 60 minutes).	10 minutes
13.	The strength record (Hi Score) reset Display Score – setting the strength record to 550.	550
14.	The measurements of strength - change the power of punch Display Score - the change from 90 to 110 %	100%
15.	Electronic counter - counts the number of point from the beginning of the device usage.	0
16.	Current electronical counter – the number of gained points from the last reckoning of the device.	0
17.	Credits for testing – number of credits which you can add for device tests	0
18.	Basic parameters – setting the basic parameters The duration time of the presentation (demo) repetition - 10 minutes Record (Hi – Score) – 550 The measurements of strength - 100% Credits - 0	
20.	Free play mode 0 – OFF, 1 - ON	0

10. MAINTENANCE

RECOMMENDED – EVERY TWO WEEKS

- Check the air pressure of the punchbag – NO MORE than 2psi
- Check if the punchbag is not rotating about its own axis
- Check the position of the arm protector
- Check all of the connections on the main board
- Check the level/ balance of the machine

RECOMMENDED – EVERY MONTH

- Check mounting cover screws / nuts,
- Check the lubrication of the mechanism
- Check the display lights
- Clona note acceptor
- Clean coin acceptor

Maintenance of mechanism and regulating spring

Periodically (once a month or more often, or if the lowering speed of punching bag is fairly low) all moving elements should be rubbed/ sprayed with grease or machine oil. If punching bag lowers slowly or too fast one should check if spring is properly stretched. Spring can be adjusted with screw that is in the front left side.

Manual punchbag reposition

In case the punching bag is vibrating too much (or if it is rotating around its own axis), the top nut located on the punching bag screw should be tightened (loosen the lower nut first) until the bag is not rotating any more.

11. TROUBLESHOOTING AND TYPICAL MALFUNCTIONS

MAINBOARD IS NOT FUNCTIONING

- Check all fuses
- Check the connection between power supply and the main board

NO SOUND

- Check the volume potentiometer
- Check connection between speaker and main board

DISPLAYS IS NOT FUNCTIONING

- Check connection between displays and main board

COIN ACCEPTOR OR NOTE ACCEPTOR ARE NOT FUNCTIONING

- Check if it is not clogged up
- Check for dust and dirt
- Check connection between coin / note acceptor and main board

BUTTON START IS NOT FUNCTIONING

- Check connection between button and main board
- Check button switch

NO LIGHTING (LEDs, HALOGENS)

- Check main board fuses
- Check bulbs and replace if faulty

MECHANISM

PUNCHBAG NOT RELEASE

- Mechanism is blocked on the edge. Unlock manually and polish the edge
- Check electromagnet (it should make sound “clack-clack” when start button is pressed)
- Check optical sensor connection with main board
- Check if the optical sensor is in straight position
- Check if the start button is working

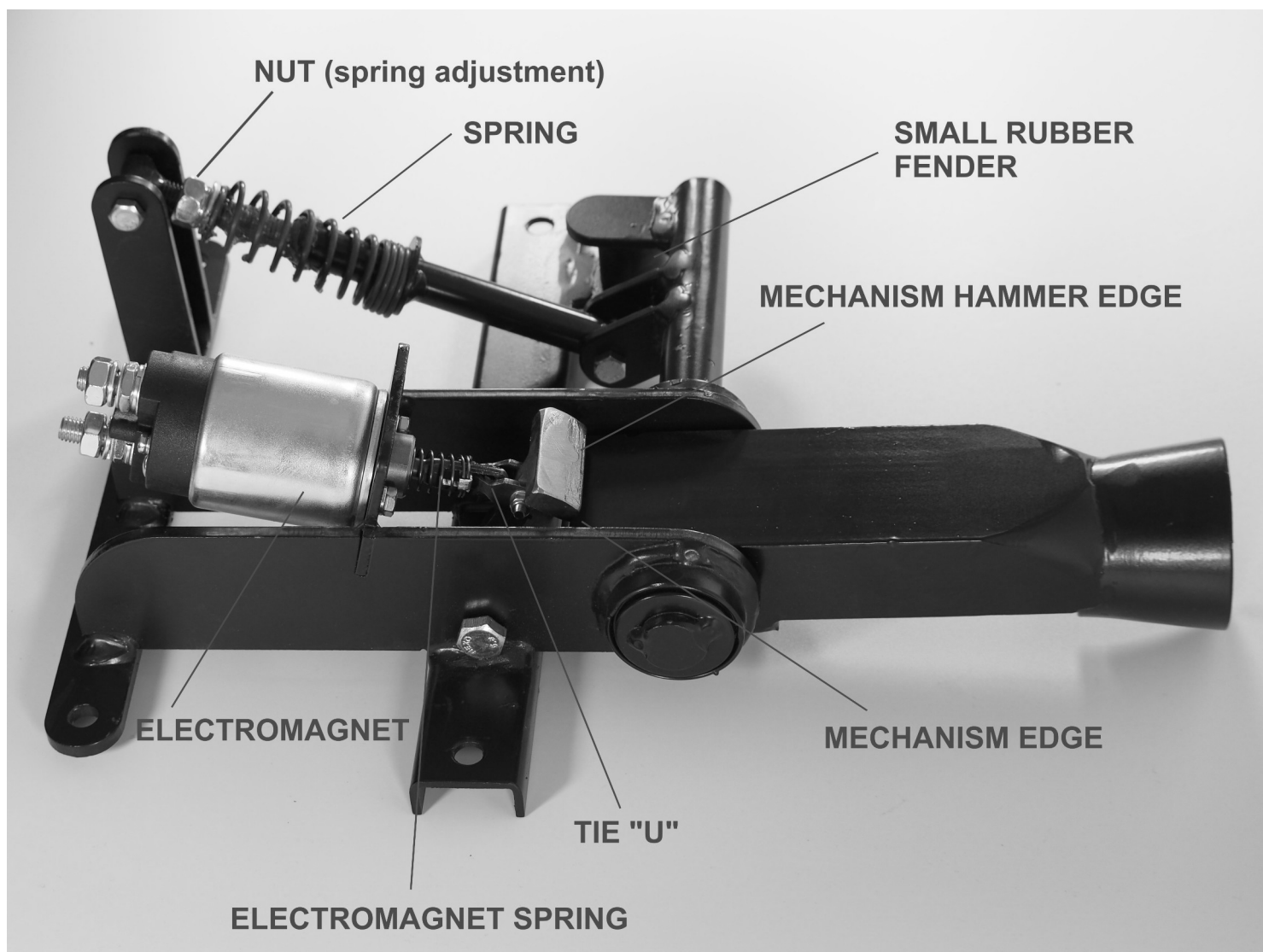
PUNCHBAG IS NOT LOCK

- Polish the edge
- Check if spring is properly stretched (use the nut on the end of the spring to adjust proper position)

PUNCHBAG IS STOP ON HALF WAY OR CLOSE IMMEDIATELY AFTER OPEN

- Check if spring is properly stretched (use the nut on the end of the spring to adjust proper position)

12. MECHANISM SCHEME



GUARANTEE TERMS

1. NATPOL company guarantee efficient operation of the device, in conformity with technical operation data included in manual.
2. Guarantee period -1 year from the date of sale.
3. The guarantee will be respected only if the damage device with guarantee card and description of damage will be delivered (presented) to the service.
4. The guarantee card is not valid without type of device, serial number, date of sale and legible seal with signature of seller, Any changes, blurs, wipes in guarantee card result in its cancellation.
5. Guarantee includes free repairs with replacement of damaged parts. The damaged parts replaced on guarantee are the property of NatPol Company.
6. Transport of spare parts is at the Customer's expense.
7. Guarantee is valid on the following components:
 - main board (PCB)
 - display,
 - mechanism,
 - control mechanism,
 - cables,
 - electromagnet,
 - damages caused during process of production,
8. Guarantee does not cover mechanical damages as well as those caused by inappropriate service, inappropriate operation and also disasters, random events.
9. Guarantee does not cover natural wear of spare parts like: light bulbs, punch ball, bumpers.
10. The guarantee rights does not include the Customer's right to demand repayment of profits lost because of the damage.
11. Customer has right to get replacement of the device with new one if after performing of fifth repairs the device remains to be defect.