



FUN4FOUR

Hard- & Software Manual



➔ Better games through innovation



THANK YOU FOR CHOOSING FUN4FOUR



In order to get the maximum advantage out of the Fun4Four's features and ensure maximum performance and longevity, please read this manual carefully before operating the machine. Keep the manual in a safe place for future reference.

For additional help please contact our service line under **+43 7229 78040 250** or **hotline@tab.at**

Please find additional information as download at: **www.tab.at/download**

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All illustrations and descriptions within this manual are carefully considered, however, mistakes cannot be completely ruled out. The manufacturer don't accept legal responsibility of liability in any form with regard to errors in detail or any consequences that may arise from such problems. If you face any problems please get in contact with us.



We thank you for choosing



To gain satisfactory use from your *Fun4Four*, please read the operating instructions thoroughly.

Please store this manual in such a way as to make it readily at hand if so required.

WARNING!

This is a Class A product – see [EC Declaration of Conformity](#). In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

For additional queries, our Hotline is at your service.

Call +43 / 72 29 / 78 0 40 – 250

Fun4Four machine manual.

(MZ - 15.09.2015)

The text passages and illustrations contained within this document were put together with the greatest amount of care and attention, however, mistakes cannot be completely ruled out.

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Setup Pointers

Safety regulations for the user:

The machine should only be operated in a dry room and connected to a safety plug socket that complies with the relevant safety standards.

- Before starting the machine, it should be allowed to attain room temperature.
- Check the main voltage before connecting the machine!
- The machine is designed for an alternating voltage of 230 Volts (*or 115 Volts if specified on the type plate*), 50 Hz (*or 60 Hz*) and 180 W / 1,6A.
- The machine may only be operated with two 4 amp fuses.
- In case of damage to housing parts, protruding wires, machine fires or smashed picture tubes, the machine must be immediately switched off and the main plug disconnected.
- Defective or bare wire cables, especially power cables and plug connectors must be replaced.

IMPORTANT!

In such cases ensure that any machine contact is avoided and that it cannot be switched on!

- The recommended ambient temperature is 5 – 35 Degrees on the Celsius scale.
- The recommended working temperature is 15 – 40 Degrees on the Celsius scale.
- The recommended absolute humidity is between 30% and 75% RG, not condensed.
- When positioned alongside other machines, interference in normal operation may occur.

Please pay attention to the [licensing terms and conditions of Microsoft](#).



Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems)

This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the company where you purchased the product.

IMPORTANT:

**When you work on the machine, you have to turn off the machine and plug out the voltage.
Repairing activities on the machine only from qualified personal!**

In the inside of the machine there is a sticker (see below). Please inform the qualified personal before he begins to work.



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Additional Information

Definition of the key districts

| KEY | DISTRICT | EMPLOYEE |
|--------|---------------------|----------------------|
| Yellow | PC | Service engineer |
| White | Hardware components | Service engineer |
| Blue | Cash boxes | Cashier |
| Black | | Unqualified employee |

Description

General

The „**Fun4Four**“ is an ergonomically designed entertainment machine.

The machine contains...

- an electronic coin acceptor
- an electronic banknote acceptor (optional)
- a 42" TFT LED display with touchscreen and
- a complete PC system

Operating equipment

All games on the „Fun4Four!“ will be played with the touchscreen.

PC-System components

Standard equipment

- PC-System with a CPU Dual Core 2,7GHz Trinity + 8GB DDR3 SODIMM memory
- On-Board graphic card (1920 x 1080 resolution, **FULL HD**)
- Minimum 250 GB SATA hard disk drive or minimum 60 GB SSD

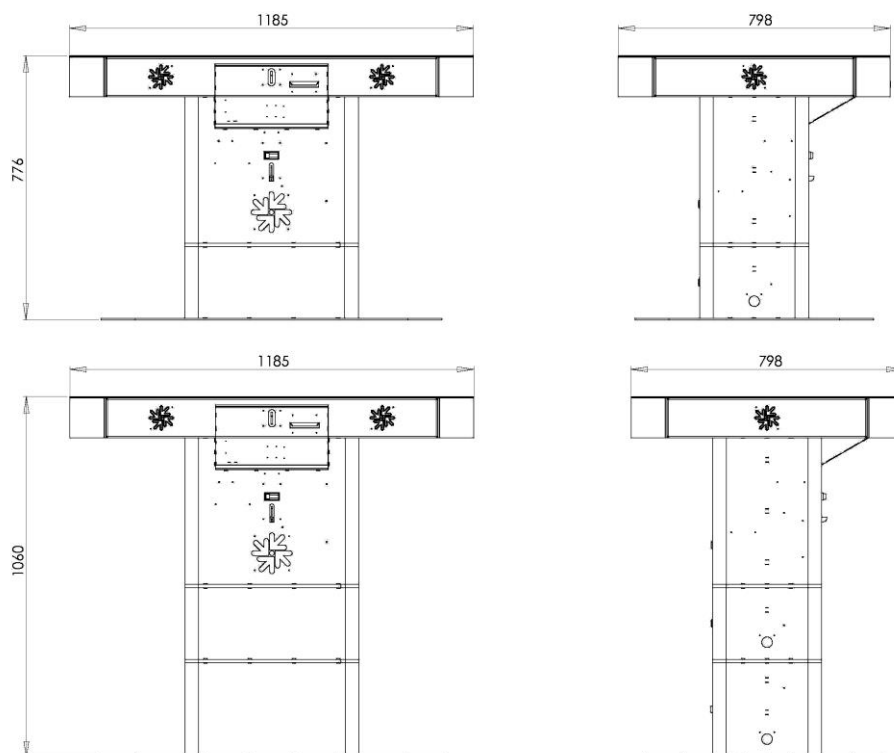
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- TAB I/O interface card with safety-memory
- 42" TFT-display with touchscreen
- Electronic coin acceptor
- Electronic banknote acceptor (optional)

Machine-dimensions

| | unpacked | packed |
|--------|----------|--------|
| Depth | 79,8 cm | 80 cm |
| Width | 118,5 cm | 120 cm |
| Height | 106 cm | 124 cm |
| Weight | 137 kg | 171 kg |



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Electronic Data Fun4Four

| | |
|---------------------|-------------|
| <u>Electricity:</u> | 230 volt |
| <u>Performance:</u> | 180 watt |
| <u>Cutout:</u> | 2x 4 ampere |

Note:

When you have more than one machine on a voltage splitter please note:

With a normal installed electricity port with a cutout from 16 ampere do not plug in more than 3 machines.

Component Data Fun4Four

- 42" Multi touch screen
 - 42" TFT LED display
- Resolution: 1920 x 1080 Full HD

Setup and connections

- Unpacking the machine
 - Connect to power 230 V / 50 Hz (power socket)
 - Connection of network
- Choice of:
- Network cable directly connected to PC
 - Network cable connected to "Internet" port of the router (if you want to use the App feature from page 39, otherwise you don't need the router)
 - WLAN Adapter (at delivery placed in cashbox) linked to the PC and then start the WLAN configuration (page 35)

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At the side of the Fun4Four there is a hole to insert the network-/powercable.

Installation

Every machine is factory tested and delivered in a preset condition.

Due to the effects of temperature, it is possible that the display and touch-screen settings become altered. Therefore, we recommend calibrating the touchscreen (see page 18).

During the setup the network cable should already be connected to the Fun4Four, to establish an internet connection. The next step would be to activate Online Terminal Management.

All necessary steps you will find on page 36 of this manual.

The use without registration and internet connection is not recommended.

Alteration description for seat position

1. Disconnect the machine from electricity.
2. Open the middle and the bottom box.



3. Disconnect the power cable, which goes through the bottom box, and thread it to the middle box.
4. Disconnect the LED lights.

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5. Open the 4 screws, which jointing the bottom box and the middle box.

WARNING: The Fun4Four is now slackly, be careful!



6. Lift the Fun4Four up and remove the bottom box. (see picture)



7. Open all 4 screw nuts which connect the bottom box with the baseplate.



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8. Remove the bottom box and set the Fun4Four now on the baseplate.



9. Now pull all 4 screw nuts.

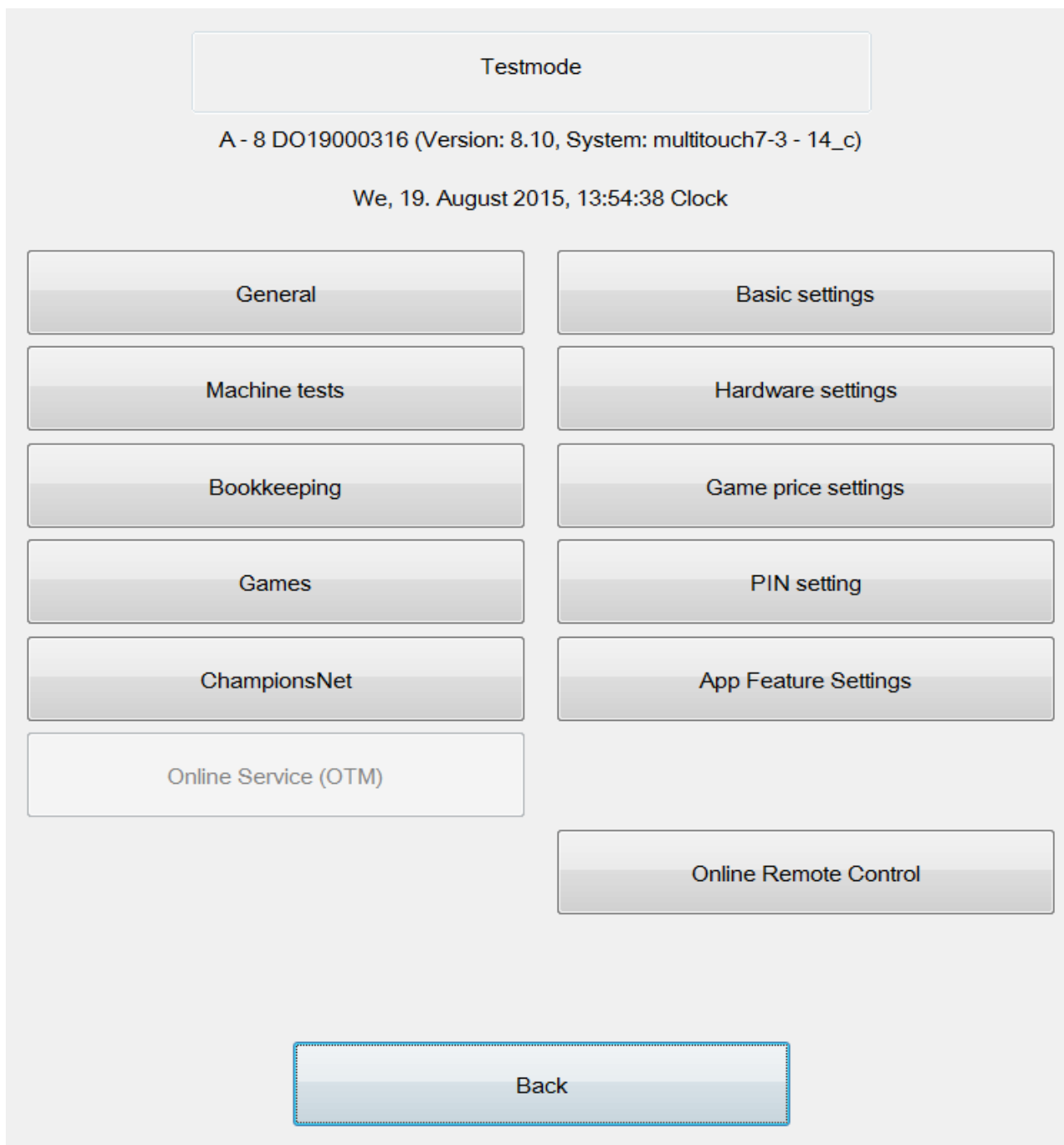
10. Put the power cable through the hole (see picture) and connect it to electricity.



Test mode

- Push button for test mode in the inside of the machine

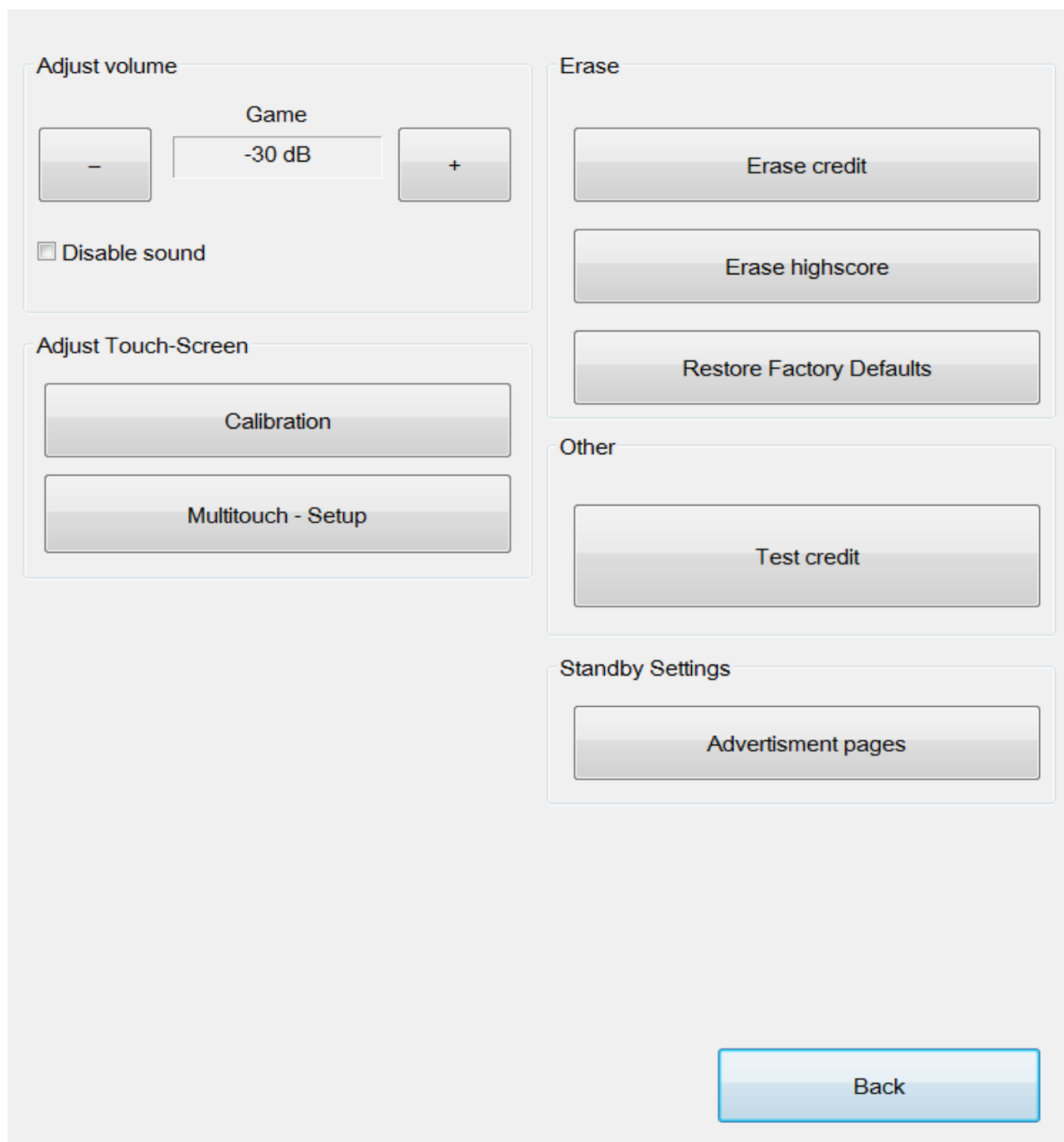
You will get in this menu:



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Menu General



The screenshot shows the 'Menu General' settings interface. It is divided into several sections:

- Adjust volume:** Features a volume slider set to 'Game' at '-30 dB', with minus and plus buttons. Below it is a checkbox for 'Disable sound'.
- Adjust Touch-Screen:** Contains two buttons: 'Calibration' and 'Multitouch - Setup'.
- Erase:** Contains three buttons: 'Erase credit', 'Erase highscore', and 'Restore Factory Defaults'.
- Other:** Contains one button: 'Test credit'.
- Standby Settings:** Contains one button: 'Advertisement pages'.

A 'Back' button is located at the bottom right of the screen.

- **Adjust volume**

Here you can change the volume of your Fun4Four.

- Disable Sound

With this option, you can disable the sound of the machine.

- **Adjust touchscreen**

- Calibrate

- Here you can calibrate the touchscreen (follow the settings on the display).

- Multitouch – Setup

- You can access expanded options for your touchscreen here.

Hint: If your touchscreen does not work anymore, just press the testmode button for 5 seconds in the main menu of the testmode. Afterwards a new installation of the touchscreen will be started.

- **Delete**

- Erase credits

- Delete existing credit(s) of your machine.

- Delete high score

- Delete all high score lists on the machine.

- Master Reset

- This option will set the machine back to factory settings. All data will be lost.

- **Other**

- Test credit

- Set test-credits.

- **Standby Settings**

- Advertisement pages

- Here you can change the duration of advertisement pages being shown.

Menu Basic Settings

Date and time

Day
 Month
 Year

19
 August
 2015

Hour
 Minute

13
 54

Basic language

German

Automatically delete high score

never

Every
 Sunday
 after

 4

 week(s)

at

 08:00

 (only 30 minute steps possible)

individually for each entry

Enhanced Configuration:

Österreich

Apply

Back

- **Date and time**

Here you can set up the date and the time.

Note:

A machine which is active in the ChampionsNet, will set the date and the time automatically. You only need to set the correct time zone.

- **Basic language**

Here you can decide the language the machine is starting with.

- **Automatically delete high score**

Here you can decide if local highscore lists will be deleted never, to a specific time or after a period of time. If the checkbox "individually for each entry" is activated, each entry will be deleted separately after the chosen time period. If it is deactivated, all highscore lists will be deleted after the chosen time period.

- **Enhanced Configuration**

You can set special configurations for different federal states here.

Menu Machine Test

☐ Device 4e20 - Coins

- ☐ Channel 0, EUR 0.10: 0
- ☐ Channel 1, EUR 0.20: 0
- ☐ Channel 2, EUR 0.50: 0
- ☐ Channel 3, EUR 1.00: 0
- ☐ Channel 4, EUR 2.00: 0

Meters

Total In

Insert

EUR 0.00

Credit 0

Last impulses:

Button press:

None

Back



In this menu you can test your coin mech and banknote reader.

Just throw in a coin or insert a note, which you want to test. The counter will be increased by 1 afterwards.

- **Gesamt In**

After you press this button, the counter will be increased by 10.

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Menu Hardware Settings

Device 4e20 - Coins

- Channel 0, EUR 0.10
- Channel 1, EUR 0.20
- Channel 2, EUR 0.50
- Channel 3, EUR 1.00
- Channel 4, EUR 2.00

| | |
|--------|--------|
| +0.001 | -0.001 |
| +0.01 | -0.01 |
| +0.1 | -0.1 |
| +1 | -1 |
| +10 | -10 |
| +100 | -100 |

Currency

CoinService

Meter impulse:

| | |
|-----------|----------|
| Counter 1 | EUR 0.10 |
|-----------|----------|

Apply

Back

In this menu you can activate/deactivate channels of your coin mech or banknote reader. Use the checkboxes next to the channels which you want to disable.

For example: If you don't want 10 cent coins, deactivate channel A in the coin mech window.

- **Currency**

Choose the programmed currency.

- **Meter impulse**

After the chosen amount the counter of the meter will be increased by 1.

- **Coins Service**

With the button "CoinService" you can start a configuration tool for your coin mech. Here you can also test channels or program new coins (f.e. token).

Menu Bookkeeping

We, 19. August 2015, 11:42:22 GMT -
We, 19. August 2015, 11:54:58 GMT

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------|---|------|---|------|---|------|---|------|---|--|---------------|--|----------|-------|----------|------|---------------|---|--------------------|---|-------------------|---|--------------|------|-------------|------|
| <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: left;"> 0.10</td> <td style="text-align: right;">0</td> </tr> <tr> <td style="text-align: left;"> 0.20</td> <td style="text-align: right;">0</td> </tr> <tr> <td style="text-align: left;"> 0.50</td> <td style="text-align: right;">0</td> </tr> <tr> <td style="text-align: left;"> 1.00</td> <td style="text-align: right;">0</td> </tr> <tr> <td style="text-align: left;"> 2.00</td> <td style="text-align: right;">0</td> </tr> </table> <p>Coins 0.00</p> <div style="border: 1px solid black; height: 100px; width: 100%;"></div> <p>Bank notes 0.00</p> <hr/> <p>Total In 0.00</p> | 0.10 | 0 | 0.20 | 0 | 0.50 | 0 | 1.00 | 0 | 2.00 | 0 | <table style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">Result</td> </tr> <tr> <td>Currency</td> <td style="text-align: right;">EUR ▼</td> </tr> <tr> <td>Total In</td> <td style="text-align: right;">0.00</td> </tr> </table> <hr/> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">Test credits:</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Free game credits:</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Community Credits</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Time running</td> <td style="text-align: right;">0:09</td> </tr> <tr> <td>Time played</td> <td style="text-align: right;">0:00</td> </tr> </table> | Result | | Currency | EUR ▼ | Total In | 0.00 | Test credits: | 0 | Free game credits: | 0 | Community Credits | 0 | Time running | 0:09 | Time played | 0:00 |
| 0.10 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.20 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.50 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.00 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.00 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Result | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Currency | EUR ▼ | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total In | 0.00 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Test credits: | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Free game credits: | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Community Credits | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Time running | 0:09 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Time played | 0:00 | | | | | | | | | | | | | | | | | | | | | | | | | | |

Bookkeeping visible in the overview test menu

Bookkeeping 2

Erase

Back

In the bookkeeping menu you can see every income of your machine and you have the possibility to delete the statistics. If you want to deactivate the bookkeeping menu for your supervisor, activate the checkbox at the bottom.



- **Bookkeeping 1**

Here you can see the complete income of coins and banknotes. You can also see test credits, free game credits, Community credits, the time running and the time played of your machine.

- **Bookkeeping 2**

Here you can see an overview of the income, test-credits and the running time. This menu can be saved via pin code.

Please note:

Bookkeeping 1 and Bookkeeping 2 can be deleted separately.

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Menu Game Price Settings

Game price setting

| Money value | Credit | Currency |
|--------------------|-------------------|---|
| 0.50 | 1 | <div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px;">EUR ▾</div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px; text-align: center;">Introduce</div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px; text-align: center;">Delete</div> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid #ccc; padding: 2px 5px;">+0,001</div> <div style="border: 1px solid #ccc; padding: 2px 5px;">-0,001</div> </div> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid #ccc; padding: 2px 5px;">+0,01</div> <div style="border: 1px solid #ccc; padding: 2px 5px;">-0,01</div> </div> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid #ccc; padding: 2px 5px;">+0,1</div> <div style="border: 1px solid #ccc; padding: 2px 5px;">-0,1</div> </div> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid #ccc; padding: 2px 5px;">+1</div> <div style="border: 1px solid #ccc; padding: 2px 5px;">-1</div> </div> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid #ccc; padding: 2px 5px;">+10</div> <div style="border: 1px solid #ccc; padding: 2px 5px;">-10</div> </div> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid #ccc; padding: 2px 5px;">+100</div> <div style="border: 1px solid #ccc; padding: 2px 5px;">-100</div> </div> |
| Standard1 (normal) | Standard2 (Bonus) | |

Free play mode

Apply

Back

- **Game price setting**

Here you can set the credit price.

To add more entries for bonus settings, click "Introduce".



You can change the amount of the entries by marking it and use the buttons on the right.

- **Free play mode**

To set the machine to free play mode, activate this checkbox.

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Menu Games

| | Game | Credit | Continue Credit |
|---------------------|------|--------|-----------------|
| 421 | on | 1 | 1 |
| 5th Gear California | on | 1 | 1 |
| Anubis | on | 1 | 1 |
| Around in Space | on | 2 | 1 |
| Around the World | on | 2 | 1 |
| Backgammon | on | 1 | 2 |
| Bet You Know It | on | 1 | 1 |

Game setting

421

Game

on
 off

Game price

1 credit(s)

+1 Default
-1

Continue Price

1 credit(s)

+1 Default
-1

Statistic

Selected game All games

Apply

Back

In this menu you can enable/disable games, change continue/credit price of games or look at statistics.

Mark the game you want to configure and press the buttons to change the settings.
To view statistics, press "Selected game" or "All games".

Menu PIN Settings

Select the PIN number to be changed and then enter the new PIN number!

set PIN for

| | | |
|-----------------------------------|------|--------|
| Supervisor 1 | **** | change |
| <input type="checkbox"/> Activate | | |
| Supervisor 2 | **** | change |
| <input type="checkbox"/> Activate | | |
| Supervisor 3 | **** | change |
| <input type="checkbox"/> Activate | | |

set PIN for

| | | |
|-----------------------------------|------|--------|
| Testmode | **** | change |
| <input type="checkbox"/> Activate | | |

set PIN for

| | | |
|-----------------------------------|------|--------|
| Bookkeeping 2 | **** | change |
| <input type="checkbox"/> Activate | | |

Back

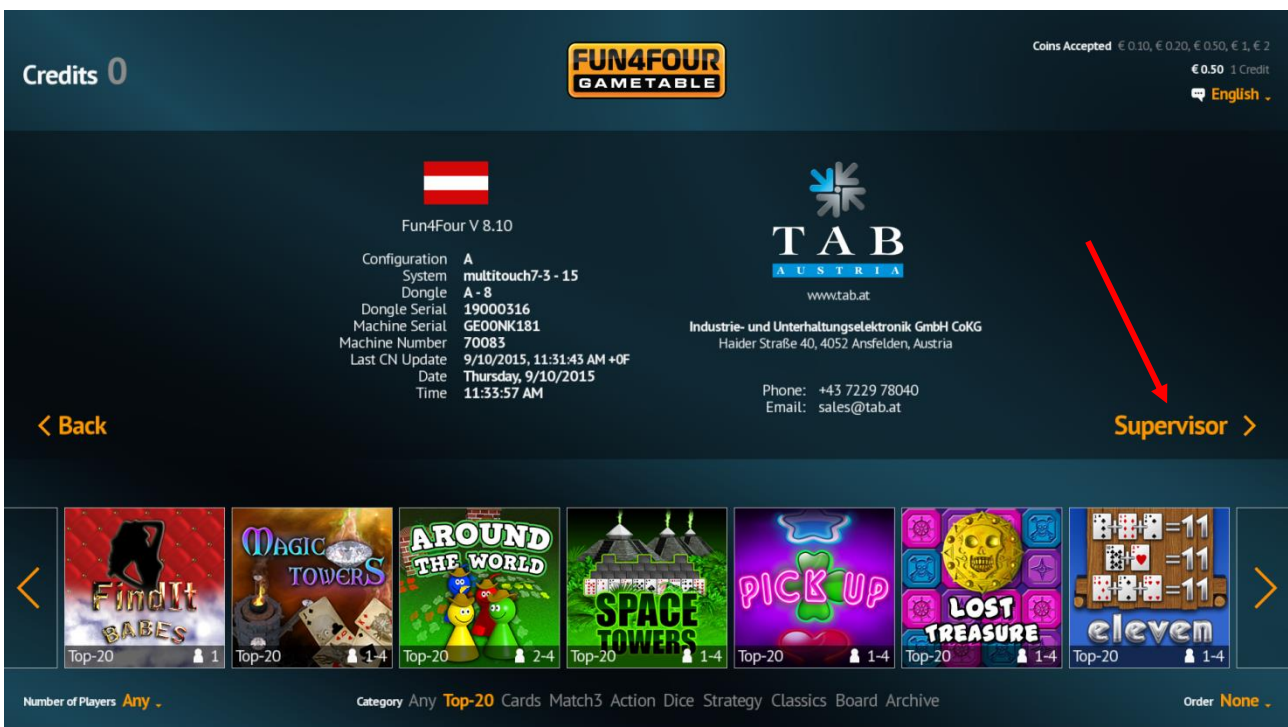
In the menu Pin settings you can set up three different pin codes.

Press the button "change" of the pin you want to configure and insert it two times in a row, afterwards activate the checkbox "Activate".

- **Supervisor 1**
Enables a small testmode for your supervisor (for details see below).
- **Testmode**
Pin request before the testmode starts.
- **Bookkeeping 2**
Pin request to access Bookkeeping 2 menu.

Supervisor Testmode

If you activated a Supervisor 1 pin code, your supervisor can access a small testmode by pressing the Fun4Four logo in the main menu and clicking "Supervisor".



Testmode

Th, 10. September 2015, 11:40:40 Clock

A - 8 DO19000316 (Version: 8.10, System: multitouch7-3 - 15)

General

ChampionsNet

Online Service (OTM)

Online Remote Control

Back

In the Supervisor testmode only a few settings can be changed (f. e. touchscreen calibration, volume, etc.). Always fill in a supervisor 1 pin code, if you don't give the key of the machine to the owner of the establishment, because it's the only possibility to start the Online Remote Control, which is needed to connect to the machine from home (for further information see page 41).

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Tel. +43 (0)7229/78 040-0, Fax +43 (0)7229/78 660, e-mail: sales@tab.at, www.tab.at

Menu ChampionsNet

In the menu ChampionsNet you can set up the internet settings and register the Fun4Four by TAB – Austria.

Machine/Set-up site

| | |
|---------------------------|---------|
| Machine number | 69932 |
| Name of the establishment | |
| Place/Town | |
| Address | |
| Telephone number | |
| Fax number | |
| Email | |
| Country | Austria |

Connection (Network - Direct)

Telephone number
User name
Time 13:10

Activate

To enable highscores on your machine, press the checkbox "Activate".

Afterwards you will be asked if you want to activate internet programs, if you do, an internet browser and Google Maps are activated for your customers.

To set up your internet connection, please press "Change" at Connection.

| | | |
|----------------------------|----------------------|---------------------------------------|
| Provider connection | | |
| Telephone number | <input type="text"/> | <input type="button" value="change"/> |
| User name | <input type="text"/> | <input type="button" value="change"/> |
| Password | <input type="text"/> | <input type="button" value="change"/> |
| Confirmation | <input type="text"/> | <input type="button" value="change"/> |

| | | |
|---------------------------------------|---------------------------------|----------------------------------|
| Start of transmission | | |
| <input checked="" type="radio"/> Hour | <input type="radio"/> Minute | <input type="button" value="+"/> |
| <input type="text" value="18"/> | <input type="text" value="10"/> | <input type="button" value="-"/> |

| | |
|--|---|
| Connection | |
| <input type="radio"/> Network - VPN | <input type="button" value="Netgear WLAN"/> |
| <input checked="" type="radio"/> Network - Direct | |
| <input type="radio"/> Network - PPPOE | |
| <input checked="" type="checkbox"/> Permanent Connection | |

| |
|--|
| <input type="button" value="Page 2..."/> |
| <input type="button" value="Apply"/> |
| <input type="button" value="Back"/> |

- **Start of transmission**

With the plus/minus buttons you can change the time for the automatic data transmission of the Fun4Four with the TAB-server. Please note that normally the Fun4Four should be switched on at that time.

- **Connection**

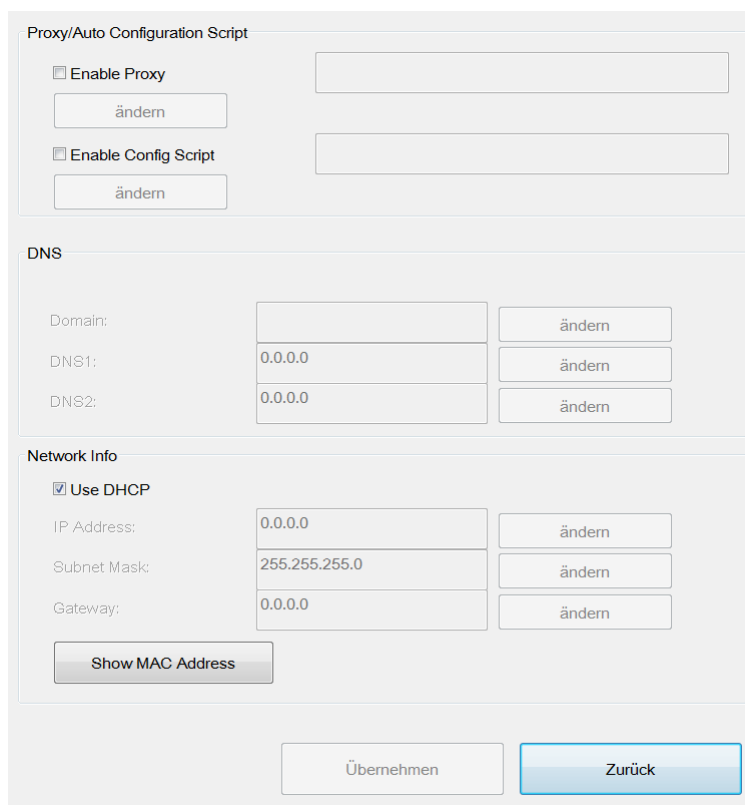
Choose your connection type here, normally the standard configuration „Network Direct“ should be the right one for you network.

Hint:

To start the configuration of your WLAN adapter, press “**Netgear WLAN**”.

- **Page 2...**

Press „Page 2...” to access more settings for your network.



The screenshot shows a configuration interface with three main sections:

- Proxy/Auto Configuration Script:** Contains two checkboxes: "Enable Proxy" and "Enable Config Script". Each checkbox has an "ändern" button next to it and a corresponding empty text input field.
- DNS:** Contains three rows: "Domain:", "DNS1:", and "DNS2:". Each row has a text input field (with "0.0.0.0" pre-filled for DNS1 and DNS2) and an "ändern" button.
- Network Info:** Contains a checked checkbox "Use DHCP". Below it are three rows: "IP Address:", "Subnet Mask:", and "Gateway:". Each row has a text input field (with "0.0.0.0", "255.255.255.0", and "0.0.0.0" pre-filled respectively) and an "ändern" button. There is also a "Show MAC Address" button.

At the bottom of the interface are two buttons: "Übernehmen" and "Zurück".

The standard configuration “Use DHCP” should be correct in most cases, if there are specific settings needed, deactivate the checkbox and fill in the right settings from your network administrator.

Online Terminal Management (OTM)

Machines with Online Terminal Management activated, have many advantages towards offline machine:

- **New games**
You get automatically new games without any effort.
- **Community games**
Exclusive games for you Fun4Four with OTM from external partners of TAB-Austria.
- **Online Remote Control**
Access the testmode of your machine directly from your home computer.
- **Onlineupdates**
The latest Fun4Four version will be automatically installed on your machine. New functions will be instantly available for you and your customers.
- **App Feature**
You give your customers the possibility, to play games interactive with the Fun4Four and their smartphone.
- **Online accounting**
You can make a settlement or create statistics of the income of your machine.
- **Advertisement**
Upload without any effort advertisement pages to your Fun4Four.
- **And much more ...**

Before you can register your Fun4Four in the Online Terminal Management, you have to set up an OTM-account from the company TAB-Austria on the webpage <https://otm.tab.at>.

After the successful registration login in your account and choose the option "Tan Codes" in the tab "Administration". There you will get a TAN code, which you need during the registration of the machine. The Tan code will be needed to match the machine to your account.

Afterwards start the testmode and click "ChampionsNet". Fill in all information which is needed in the marked fields and click "**Register**" and "**New registration**".

The machine will be registered at the TAB-server and will get a unique machine number.



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www.tab.at

Machine/Set-up site

| | |
|---------------------------|----------|
| Machine number | 70083 |
| Name of the establishment | Fun4Four |
| Place/Town | 4052 |
| Address | |
| Telephone number | |
| Fax number | |
| Email | |
| Country | Austria |

[change](#)

Connection (Network - Direct)

Telephone number
User name
Time 09:00

[change](#)

[www](#) [Test connection](#)
[Register ...](#)
[Receive all data](#)

[Protocol](#)

Activate [Back](#)

After the registration the button "Online Service (OTM)" is activated, click it to enable OTM on your machine.

Testmode

A - 8 DO19000316 (Version: 8.10, System: multitouch7-3 - 14_c)

We, 19. August 2015, 13:57:37 Clock

General

Basic settings

Machine tests

Hardware settings

Bookkeeping

Game price settings

Games

PIN setting

ChampionsNet

App Feature Settings

Online Service (OTM)

Online Remote Control

Back

Follow the steps on the display.

After the fill in of the TAN code from your OTM account, the machine number and the actual meter count the machine is fully configured and can be used.

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TAB
AUSTRIA
www.tab.at

Menu App Feature Settings (OTM required)

App Feature Settings

With the Music&Fun feature you give your customers the possibility to connect their mobile device to the Fun4Four for more gaming fun. Hide your cards in the game Texas Hold'em or use your mobile device as controller for games, everything is possible with the Music&Fun App.

For further questions please contact us via telephone number +437229/78040-250 or write us an email to hotline@tab.at.

Enable App feature

Please enter the SSID of your WLAN

Warning: SSID is case-sensitive!

The SSID is the name of your wireless network

Internet access through WLAN is possible

If mobile Internet access is not possible at your location, it is necessary to allow your customers Internet access through your WLAN. (The MusicFun app can not be used without a working Internet connection.)

The app feature gives your customers the possibility, to play games interactive with their mobile phone and the Fun4Four. This feature is only available, if the machine is registered in Online Terminal Management (OTM).



If you want to enable it, activate the checkbox "Enable App feature" and accept the conditions.

The app only works if the smartphone of the customer and the Fun4four are in the same network. You have to connect the Fun4Four to an existing wireless network, where customers also have the possibility to connect or you can use the already configured WLAN router from TAB (which is built in left to the cashbox).

Connect your existing DHCP cable directly to the router on the port "Internet" and the Fun4Four PC with one of the four more ports of the router (standard wiring at delivery).

After the activation of the feature, games like TexasHoldEm HD or 5th Gear California can be played with the mobile phone. Your customers need the Music&Fun app for playing games with the Fun4Four and their mobile phone, which can be downloaded for free from the iOS app store or the Android Store.

If you want to use your own wireless network, you have to fill in the name of it (case-sensitive) with the button "change".

If your own wireless network allows customers to access the internet, please activate the checkbox "Internet access through WLAN is possible". (Tab routers do not allow the customers to access the internet).

With pleasure we make the activation of the Music&Fun feature with you directly in front of the machine, please contact us with the number +43 7229 78040-250.

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www.tab.at

Menu Online Remote Control (OTM required)

Serial number: 19000316
Machine number: GE00NK181
Machine number (OTM): 69934

Online Remote Control

Use this feature to grant Online Remote Control access to this machine to OTM operators. Press the 'Start' button below once your OTM operator instructs you to do so.

Please note that once the OTM operator is connected to this machine, the touch screen will stop working until the connection is shut down again. After the connection the machine will reboot automatically to make sure all changes are applied correctly.

For further questions please contact us via telephone number +437229/78040-250 or write us an email to hotline@tab.at.

If your Fun4Four is registered in OTM, you can directly connect to the machine through your OTM-account to change settings online. Tell one of the employees of the bar to switch on the testmode or if there is no key placed in the bar, to start the supervisor 1 testmode. Then let them start the "Online Remote Control" option and press "Start".

Serial number: 19000316
Machine number: GE00NK181
Machine number (OTM): 69934

Online Remote Control

Waiting for connection by the OTM user...

Internet connectivity is being established...
Verification of your registration...
LogMeIn settings are being configured...
Launching LogMeIn...
Submitting data to server...
Waiting for connection by the OTM user...

Cancel

Back

If the message "Waiting for connection by OTM user..." appears, you can connect to the machine in your OTM account on <https://otm.tab.at>.

Click on the option "Terminals" in the tab "Administration" and mark the machine which you want to connect with, then click on "Start Online Remote Control" and follow the steps described on the website.

After the cancel of the connection the machine will automatically restart. During the connection the touchscreen is disabled, so there is no input at the site possible.

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Program update

If your machine is registered in the Online Terminal Management, you will have always the latest version on your machine, because it will be updated automatically. If you want do a manual update, you can do this with a USB stick (machines year built 2014 or later) or with a hard disk (machines year built 2013 or ealier).

Login in your OTM account at <https://otm.tab.at> and click "Download". Download the description for creating an update stick / disk here and follow the step by step instruction.

If you already have an update stick / disk or you ordered one from TAB-Austria, you can start with the following procedure.

Procedure

- Switch machine off
- Dock the update HDD to the plug connector of the PC or the USB stick to a USB port
- Switch machine on
- Copy procedure is starting automatically; this is taking about 4-8 minutes.
- Turn machine off at final message "Update finished"
- Remove the update disk
- Turn off the machine again
- Machine starts now with new software

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Error messages

| failure | solution |
|----------------------------------|---|
| Touchscreen inaccurate | <ul style="list-style-type: none"> - Do new calibration (Testmode – General) - Check grounding |
| Touchscreen does not work | <ul style="list-style-type: none"> - Check the USB connection from the touch controller to the PC - Check the power connection from the touch controller - Do new calibration (Testmode – General) - During the update, the touchscreen has to be connected to a USB 2.0 port |
| Display shows „No Signal“ | <ul style="list-style-type: none"> - Check monitor cable from display to PC - Check if the PC starts (CPU fan is running), if it does not, the problem has to be located in the PC |
| Display is black | <ul style="list-style-type: none"> - Check power connection from the display - If PC does not start, check the power connection from the whole machine (inclusive line filter) |
| PC does not start | <ul style="list-style-type: none"> - Check power connection on power supply - Check power connection and fuses on line filter |
| Machine does not start and peeps | <ul style="list-style-type: none"> - Plug RAM memory in and out |
| Fun4Four has no sound | <ul style="list-style-type: none"> - Check green sound cable at PC |

| | |
|---|--|
| <p>Coin mech does not recognize coins</p> | <ul style="list-style-type: none"> - Clean coin mech - Check connector from coin mech if it's correctly plugged in - Check if currency is correct in testmode – hardware settings and if channels are shown, if not, coin mech has to be replaced |
| <p>Banknote reader does not recognize banknotes</p> | <ul style="list-style-type: none"> - Clean banknote reader - Check connector from banknote reader if it's correctly plugged in - Check if currency is correct in testmode – hardware settings and if channels are shown, if not, banknote reader has to be replaced - If LED on banknote reader red or does not light, it has to be replaced |
| <p>Coin mech and banknote reader do not work</p> | <ul style="list-style-type: none"> - Check I/O controller plug (50 pol) on PC |
| <p>Software does not start</p> | <ul style="list-style-type: none"> - Call Hotline with the error message +43 7229 78040 – 250 - Try to upload the software again - Change harddisk |

Maintenance Operating Elements

Coin Acceptor

Comestero RM5HD

Acceptor maintenance

This fact sheet provides the necessary information for the clearing and maintenance of the RM5HD electronic coin validator.

Cleaning at regular intervals assures a high quality standard of coin recognition and, in the long run, reduces the risk of error and failure.

External cleaning

The external surfaces of the coin validator are made of a plastic shockproof material (ABS). To clean them it is recommended to use a soft cloth with a neutral detergent. For more resistant dirt ethyl alcohol can be used. To remove excess dust from the coin slots and other narrow spaces the use of compressed air or a paintbrush is recommended.



ATTENTION!

Do not use sharp or abrasive tools, which could damage the surface and the recognizing sensors.

Do not put the coin validator in water or any other type of liquid.

Internal cleaning

In the RM5HD electronic coin validator the coin recognizing sensors are installed behind a small spring door. Open the door to have access to this space as shown (fig.1).

Clean the excess dirt from behind the door with a grease removing spray, for example a normal detergent for windows and mirrors, removing more resistant dirt with a small brush.

Ethyl alcohol can be used. Do not touch or spray the sensors!

There are three small holes behind the door. These holes are where the coin recognizing sensors are put in place (fig.2). If dust or dirt blocks these holes the performance of the coin validator could be reduced and, in extreme cases, no coins would be recognized.

To keep the sensors clean whilst in position use compressed air only.



ATTENTION!

Do not use any type of sharp object, such as pins or screw drivers, to remove dust from the sensors as they could be irreparably damaged putting the coin validator out of use.

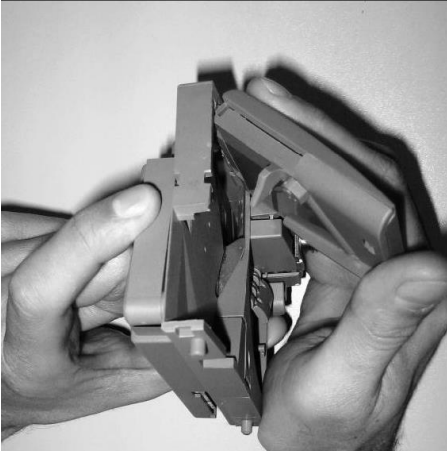


Fig.1

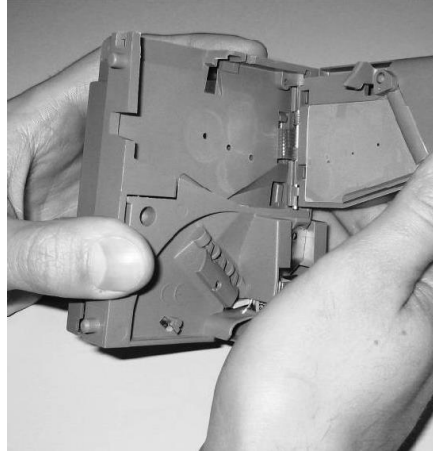


Fig.2

If the coin validator is still inefficient after cleaning do not hesitate to contact our hotline.

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NRI G-13 mft

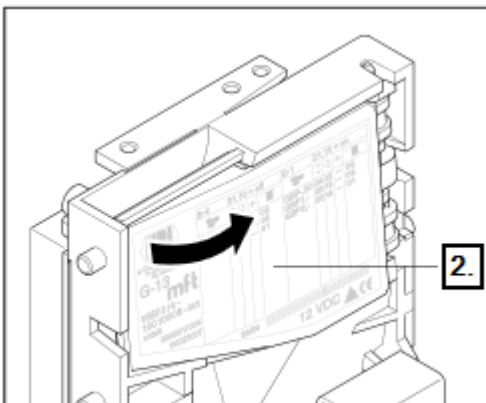
Acceptor maintenance

The coin validator must only be wiped clean from time to time with a damp cloth (lukewarm water with some detergent). Beyond that, no further maintenance work is required.

Under no circumstances may the cloth be so wet that fluid runs into the device. Otherwise the PCB will be damaged.

Do not use any solvents or scouring agents that will attack the plastic material of the device.

1. Pull the machine's mains plug
2. Carefully open the flight deck on the left-hand side and hold it open
3. Use a cloth to wipe off the coin runway inside the coin validator.
4. Close the flight deck again.
5. Reconnect the machine to the mains supply.



Open the flight deck of the coin validator.

Bill Acceptor

Astro GBA ST2

Periodical Cleaning

Depending on the environment and amount of use, the ST2 currency validator may require routine

- Maintenance to restore optimum performance
- Under normal use, the currency validator should be checked every **2 to 4 months**
- For unusual operating conditions, such as when the currency validator is exposed to a smoky environment, dirt, dust, water spray, airborne oil, and/or sand, more frequent maintenance is required.

Cleaning Process

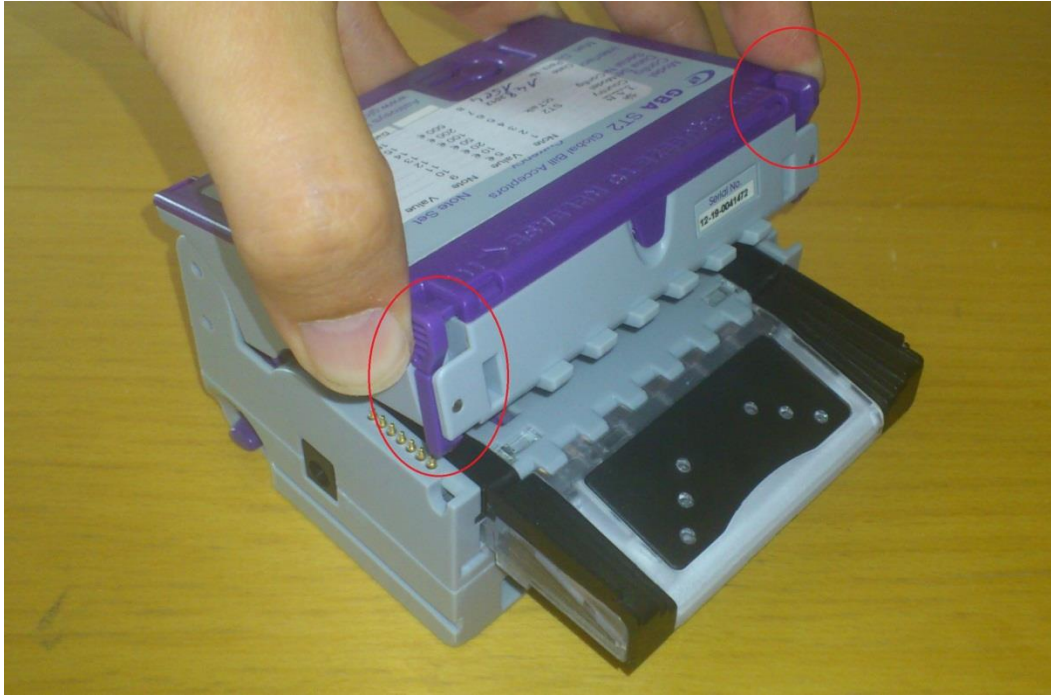
1. Power down the currency validator and disconnect the external host loom.



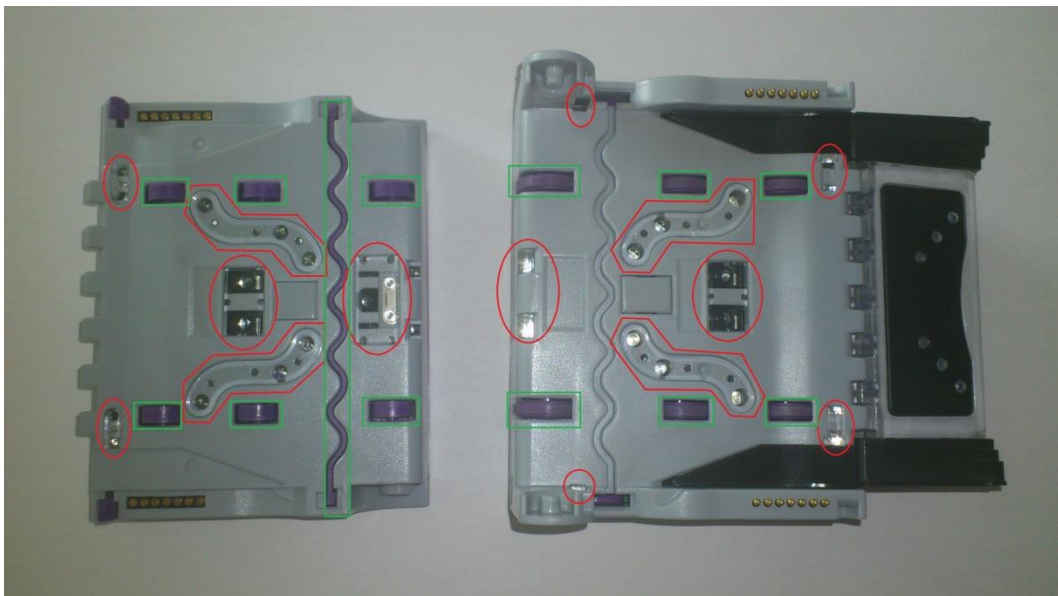
2. To remove the GBA ST2 from the faceplate, gently push the two purple bezel retainer buttons inwards until they are in contact with the validator.
With these depressed, pull on the validator to remove from its locking stage.



3. Move the two purple latches inwards to unlatch and then gently pivot top section backwards to open and remove.



4. Please use a cotton swab or lint-free cloth and a cleaning solution -- a mix of water and up to 50 % Iso Propyl Alcohol (IPA) is recommended.
 - DO NOT use more than 50 % IPA. NEVER use solvent--based cleaning agents, such as pure alcohol, petrol, methylated spirit or white spirit on this product as the unit will be severely damaged.
 - Using the Cotton swab or cloth dipped in the cleaning solution - carefully clean all sensors and plastic windows using light force only.



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- Continue with swab to clean note path, all rollers and belts.
 - Use an additional swab or cloth to dry area cleaned, if required.
 - Reconnect host loom.
5. To refit the currency validator to the faceplate simply, insert the two black locating legs into the holes and push fully until you hear a loud clipping sound.
6. Pull fully on the validator to ensure correct fitment.

Calibration

Although calibration of the Astro ST2 is not necessary, it is recommended periodically for preventative maintenance, and also after any change to the software configuration of the unit.

To carry out this calibration you need two adjustment papers for the Astro ST2.

(Order number: 28600035 - Calibration paper set Astro ST2).



Procedure:

1. Push button 3 times, the rear diagnostic LED will rapidly flash orange to show the unit is in calibration mode.



2. Insert the white calibration paper. It should be presented in the center of the note path and square to the direction of travel.

The currency validator will draw-in the paper all the way into the cassette; hold it momentarily before returning it in several short steps.

3. Remove the white calibration paper and insert the black calibration paper.

The unit will draw-in the paper and return it immediately in one smooth action.

4. Calibration is complete.

If calibration has not been successful, the diagnostic LED will repeatedly flash a four color error code until the push button is pressed to cancel.

JCM Taiko PUB-7

Periodical Cleaning

If the paper dust or foreign object spotted in the acceptor parts, the acceptance rate may go down. **Clean the acceptor parts once a month.**

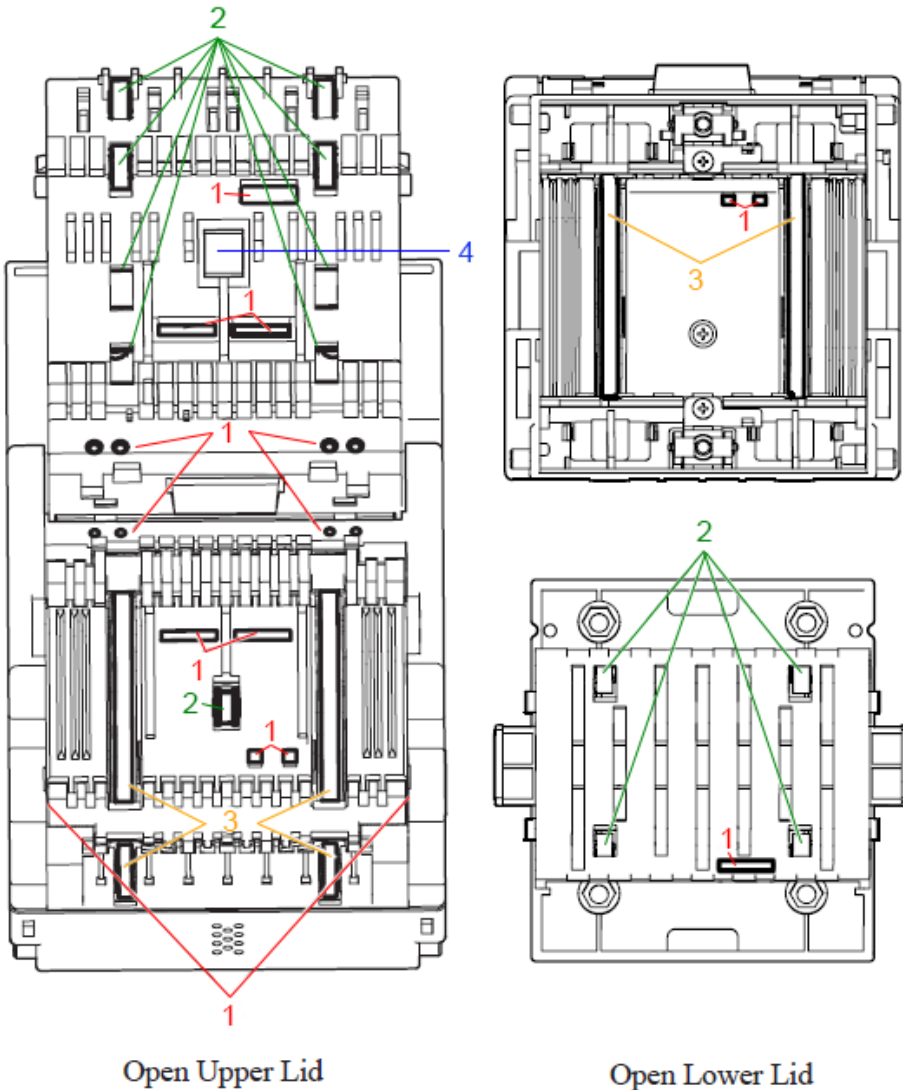
- Wipe out on the sensor with lint-free cloth or cotton bud.
- Remove the paper dust or foreign object completely on the rollers.



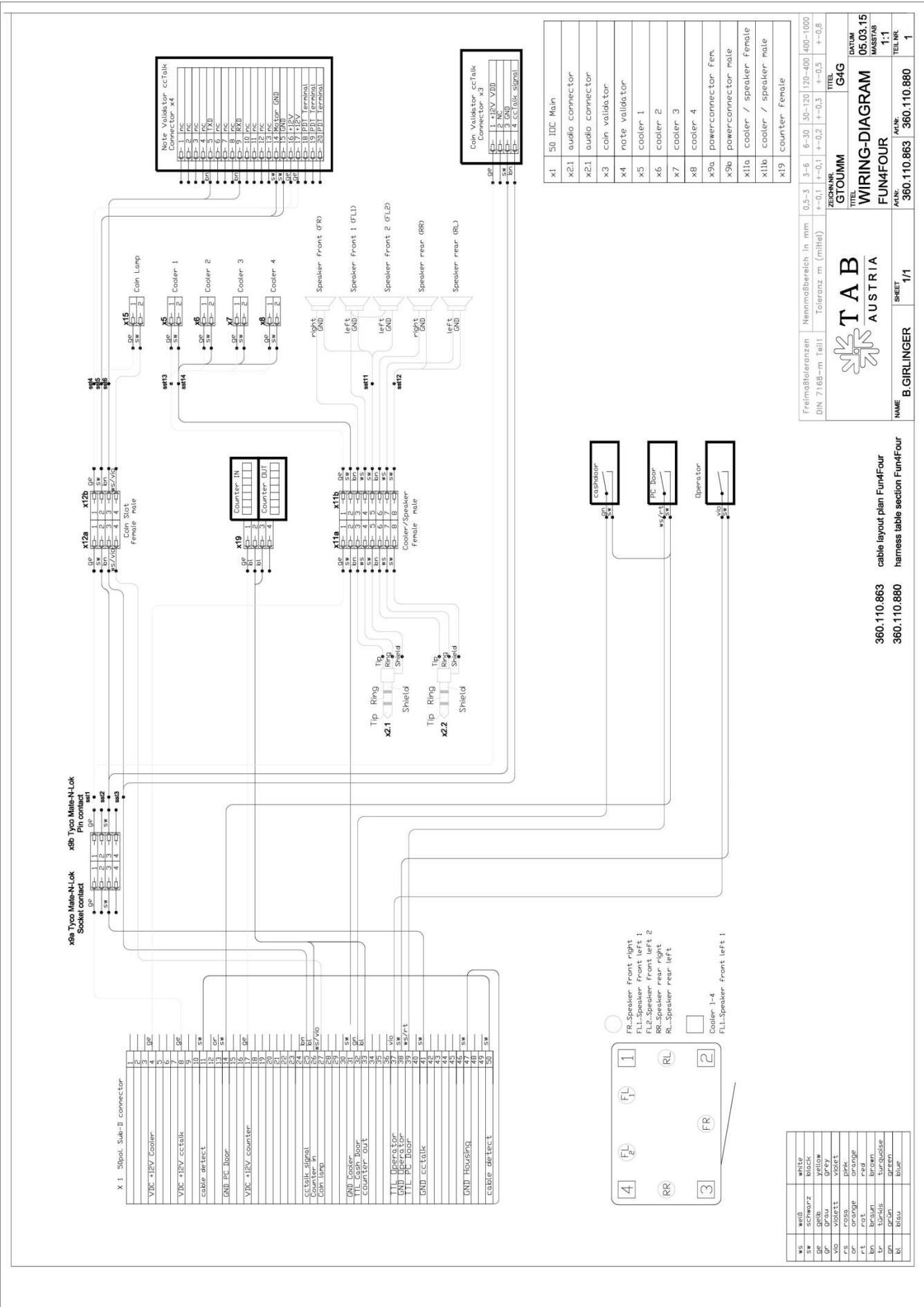
ATTENTION!

Do not use the organic solvent such as thinner or benzene, when wiping the TAIKO unit.

Sensors/Rollers Location

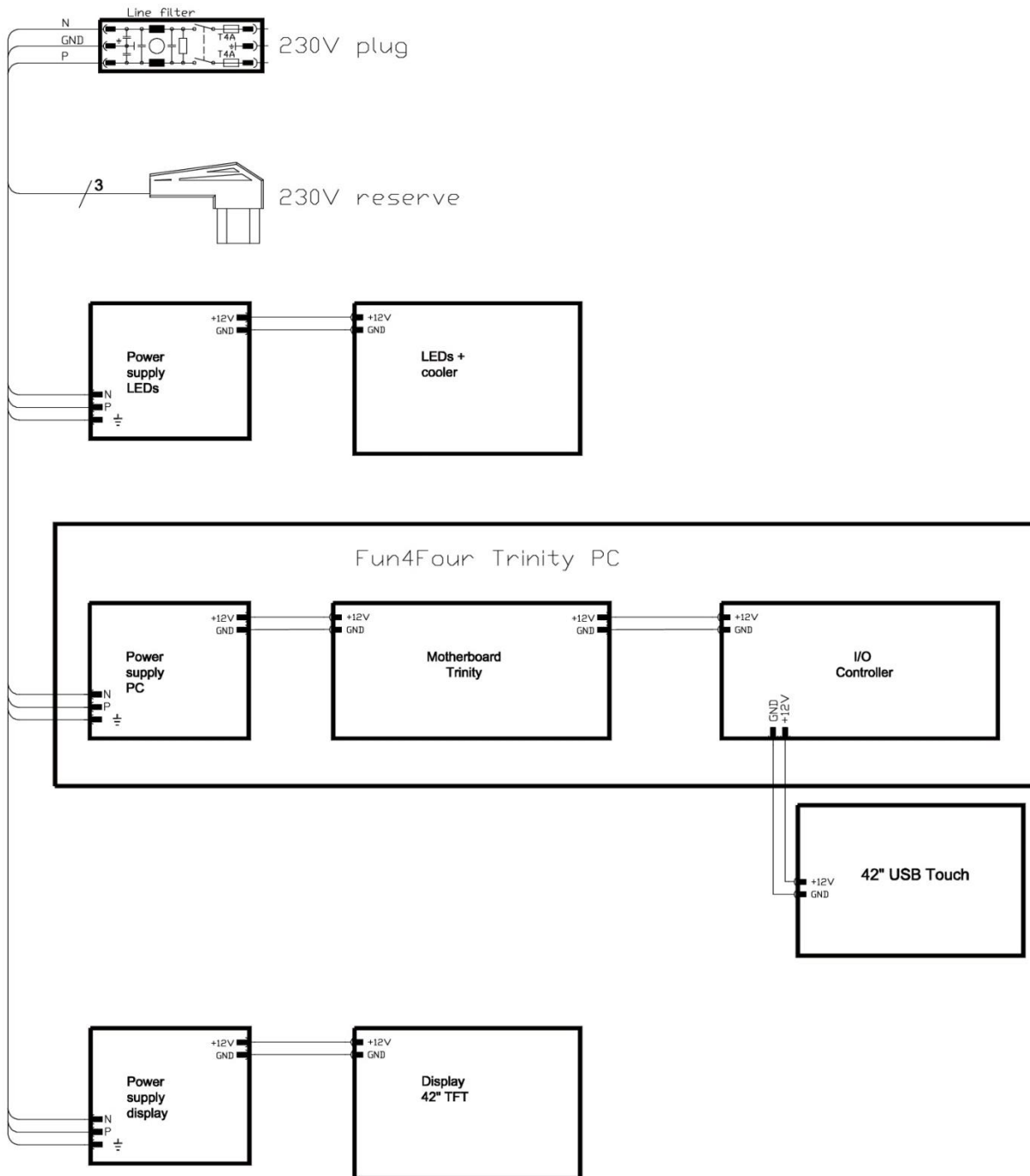


Wiring Diagram Main Harness



| | | | | | | | |
|----------------------------|----------------------|---------------------------------|------|-------------|--------|-------------|----------|
| Freimaßtoleranzen | Nennmaßbereich in mm | 0,5-3 | 3-6 | 6-30 | 30-120 | 120-400 | 400-1000 |
| DIN 7168-m Teil1 | Toleranz m (mittel) | +0,1 | +0,1 | +0,2 | +0,3 | +0,5 | +0,8 |
| ZEOCHNR | | GTOUJMM | | TITEL | | | |
| T A B | | WIRING-DIAGRAM | | DATUM | | | |
| AUSTRIA | | FUN4FOUR | | 05.03.15 | | | |
| NAME | | B.GIRLINGER | | SHEET | | 1/1 | |
| 360.110.863 | | 360.110.863 | | 360.110.863 | | 360.110.880 | |
| cable layout plan Fun4Four | | harness layout section Fun4Four | | ALN: | | 1.1 | |
| 360.110.863 | | 360.110.863 | | TEILNR. | | 1 | |

Block Diagram Power Cables

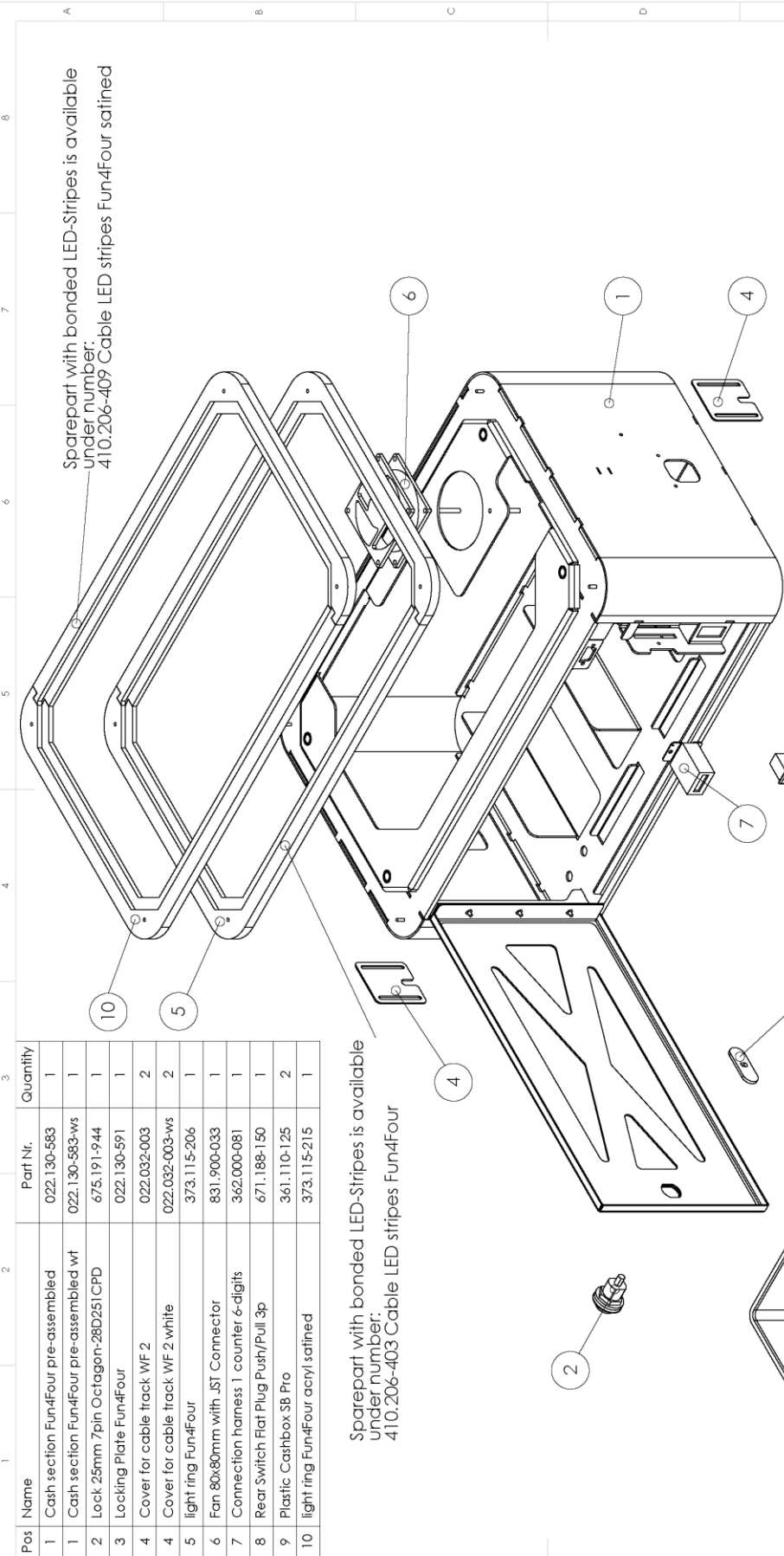


Assembly Cash Box Section

| Pos | Name | Part Nr. | Quantity |
|-----|---|----------------|----------|
| 1 | Cash section Fun4Four pre-assembled | 022.130-583 | 1 |
| 2 | Cash section Fun4Four pre-assembled w/ Lock 25mm 7pin Octagon-28D251CPD | 022.130-583-ws | 1 |
| 3 | Locking Plate Fun4Four | 675.191-944 | 1 |
| 4 | Cover for cable track WF 2 | 022.130-591 | 1 |
| 4 | Cover for cable track WF 2 | 022.032-003 | 2 |
| 4 | Cover for cable track WF 2 white | 022.032-003-ws | 2 |
| 5 | light ring Fun4Four | 373.115-206 | 1 |
| 6 | Fan 80x80mm with „ST Connector | 831.900-033 | 1 |
| 7 | Connection harness 1 counter 6-digits | 362.000-081 | 1 |
| 8 | Rear Switch Flat Plug Push/Pull 3p | 671.188-150 | 1 |
| 9 | Plastic Cashbox SB Pro | 361.110-125 | 2 |
| 10 | light ring Fun4Four acryl satined | 373.115-215 | 1 |

Sparepart with bonded LED-Stripes is available under number: 410.206-403 Cable LED stripes Fun4Four

Sparepart with bonded LED-Stripes is available under number: 410.206-409 Cable LED stripes Fun4Four satined



Without Cable Harness !

| Index | Index x | Benennung | Datum | Name |
|---|---------|-----------|-------|----------|
| C | | | | |
| B | | | | |
| A | | | 7322 | Fun4Four |
| TAB-Austria Holding GmbH Zeichnung: | | | | |
| Assembly Cash Box Section Fun4Four Zeichnung: | | | | |
| 7322 Fun4Four Blatt 3 von 8 | | | | |

INDEX
 DIMENSIONS: IN MILLIMETERS
 SURFACE FINISH: LINEAR
 BREAK: ANGULAR
 DATE: 20.03.12
 NAME: Promberger
 MADE WITHOUT COLOR CHANGES: DIN ISO 2768-1 m
 DEBUR AND BREAK SHARP EDGES
 MATERIAL:
 Diese Zeichnung ist Eigentum der TAB-Austria Holding GmbH. Unbefugte Verwendung durch Dritte wird gemäß den gesetzlichen Bestimmungen straf- u. zivilrechtlich verfolgt!
 MASE

Assembly PC Section Drawing

| Pos | Name | Part Nr. | Quantity |
|-----|--|----------------|----------|
| 1 | PC section Fun4Four pre-assembled white | 022.130-584-ws | 1 |
| 2 | coin crest Fun4Four | 361.070-573 | 1 |
| 3 | coin funnel 4mm Fun4Four | 361.138-323 | 1 |
| 4 | note slide Fun4Four | 022.130-473 | 1 |
| 5 | mounting plate line in filter Fun4Four | 022.130-480 | 1 |
| 6 | Mounting plate power supply Fun4Four | 022.130-596 | 1 |
| 7 | slide plate looking PC door Fun4Four | 022.130-599 | 1 |
| 8 | Lock 25mm 7pin Octagon-28D251 CPD yellow | 675.191-944 | 1 |
| 9 | Locking plate PC Fun4Four | 022.130-598 | 1 |
| 10 | Locking Bar PC Door Fun4Four | 022.130-580 | 1 |
| 11 | Hinge locking bar PC door Fun4Four | 022.130-593 | 1 |
| 12 | Plexi insert Fun4Four | 672.220-452 | 1 |
| 13 | Hinge bottom MAX FIRE | 675.191-166 | 1 |
| 14 | Clamp lock for cover SIL VERBALL II | 022.196-131 | 2 |
| 15 | Fan 80x80mm with .JST Connector | 831.900-033 | 1 |
| 16 | Linefilter 4A 2x3.15AT | 671.115-509 | 1 |
| 17 | Wall Power Supply 10+51050400A 12VDC | 831.600-035 | 1 |
| 18 | Rear Switch Flat Plug Push/Pull 3p | 671.188-150 | 1 |
| 19 | PC TAB Micro-ATX 2 Fun4Four | 831.500-008 | 1 |
| 20 | Knurled thumb screw M4x16 DIN 464 | 680.130-102 | 2 |
| 21 | Front Plate Mini for Secco RM-FI | 464.065-245 | 1 |
| 22 | Coin Acceptor RL582C24FA1000T | 464.138-446 | 1 |
| 23 | PC TAB mITX Trinity Fun4Four | 831.500-031 | 1 |
| 24 | PC section Fun4Four pre-assembled | 022.130-584 | 1 |
| 25 | W-Lan Router Wireless N | 831.800-073 | 1 |

| | | | | |
|---|---------|--|-------|----------|
| Index | Index x | Benennung | Datum | Name |
| C | B | A | 7322 | Fun4Four |
| UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TO FINISHES: LINEAR: ANGULAR: | | | | |
| DEBUR AND FINISH SHARP EDGES | | Bezeichnung: TAB-Austria Holding GmbH Assembly PC Section Fun4Four | | |
| NAME Promberger | | Maße ohne Toleranzenangaben DIN ISO 2768-1 m | | |
| DATE 20.03.12 | | Zeichnung: 7322 Fun4Four | | |
| Diese Zeichnung ist Eigentum der TAB-Austria Holding GmbH. Unberührt Verwendung ohne schriftliche Genehmigung der TAB-Austria Holding GmbH ist gesetzlich verfolgt! | | Material: A3 | | |
| Maßstab: 1:1 | | Mobilab:15 | | |

EC Declaration of Conformity



Declaration of CE conformity

Document-no.: QZ/1000/073/01/170908
Producer: TAB AUSTRIA
Industrie- und Unterhaltungselektronik GmbH & Co KG
Address: Haiderstraße 40
A-4052 Ansfelden
Tel.no.: 07229/78040, Fax-no.: 07229/78040-99

Description of good: Amusement machine
Type: FUN4 FOUR

This mentioned product corresponds to the following European Regulations:

Criterion: 73/23/EWG
Criterion of the council for the adaptation of the legal regulations of the member states, concerning electrical working founds for using within limited tension bounds, changed by RL 93/68/EWG

Criterion: 89/336/EWG
Criterion of the council for the adaptation of the legal regulations of the member states, concerning the electromagnetic compatibility changed by RL 91/263/EWG, 92/31/EWG, 93/68/EWG and 93/97/EWG.

The conformity of the mentioned product with the regulations of the criterions is shown through the observance of the relevant sections of the following norms:

| Matched European norms: | Document | Issuing date |
|-------------------------|--------------|--------------|
| | EN 55022 | 1998 |
| | EN 55024 | 1998 |
| | EN 60950 | 2000 |
| | EN 61000-3-2 | 2000 |
| | EN 61000-3-3 | 2000 |

Issued by: GF
Managing Director: Ing. Siegfried Dattl jun.
Place, date: Ansfelden, September 17th 2008

Legally binding signature:



The declaration certifies the conformity with the mentioned criterions, but it doesn't include the assurance of characteristics. The safety regulations of the delivered goods have to be read through carefully.

TAB-Austria Industrie- und Unterhaltungselektronik GmbH & CoKG

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The SOFTWARE product may contain support for programs written in JAVA. JAVA TECHNOLOGY is not fault tolerant and is not designed, manufactured, or intended for use or resale as ON-LINE CONTROL EQUIPMENT in hazardous environments requiring fail-safe performance, such as in the operation of nuclear facilities, aircraft navigation or communication systems, air traffic control, direct life support machines, or weapons systems, in which the failure of JAVA TECHNOLOGY could lead directly to death, personal injury, or severe physical or environmental damage.

Warranty Terms

by TAB-AUSTRIA Industrie und Unterhaltungselektronik GmbH & Co KG
(TAB hereinafter)

We are granting a warranty for this machine under the following conditions:

1. Insofar as the "General Terms of Business of TAB-AUSTRIA Industrie- und Unterhaltungselektronik GmbH & Co KG" are not modified by the following, which sets out the conditions and scope of our warranty performance, these terms will continue to apply without change.
2. The warranty period for our products from delivery is:
 - **24 months** for (when purchased and operated in Austria)
 - Max Fire HD
 - Golden Island
 - Fun4Four
 - **12 months** for
 - all other products, particularly betting terminals
 - all products (including the above) purchased in Austria and operated outside Austria
 - **6 months** for
 - all spare partshowever, if a warranty period of more than six months still obtains for the machines, this period will apply in its entirety to the spare part.
3. The warranty will only be granted for new products by TAB, not for their spare parts, not for products of different brands and manufacturers and corresponding spare parts. No warranty is granted for used products either.
4. In accordance with the following provisions, we shall repair defects to the machine that have been demonstrably caused by a material and/or manufacturing fault which already existed at the time the product was handed over, and which was reported within 14 days of it becoming apparent to our sales partner or the first

end user while still within the warranty period. No warranty is assumed for used machines.

5. The warranty exclusively covers such components that are essential to operating the product. It does not include easily damaged parts or wearing parts, such as, for example, glass, plastic or light bulbs. Minor deviations from the desired composition insignificant to the value and usability of the machine will not result in any warranty obligations. Damage caused by physical, chemical, electrical or electrochemical or other effects not related to the customary dedicated use will not result in any warranty obligations; neither does damage caused by water or abnormal environmental conditions or inappropriate operating conditions. Also, no warranty can be assumed for machine defects caused by transport damage for which we are not responsible, incorrect installation and assembly, incorrect use, non-observance of operating or assembly instructions or lack of care.
6. The warranty claim becomes void if repairs or interventions have been carried out by the customer himself/herself or by persons who were not accordingly authorized or who were not authorized by us or in the event of our machines being fitted with spare, supplementary or accessory parts that are not original parts, or if parts have been removed.
7. The warranty performance will be made in such a way that defective components will at our discretion be repaired or replaced with faultless components free of charge unless improvement or exchange are impossible or would result in for us unreasonable cost. In such cases, a reduction in price or, in the event of not only a minor defect, cancellation of sale may be claimed.
8. Machines for which a warranty performance is being claimed on the basis of this warranty must be handed over or sent to us. Repairs at the installation site are not possible. The customer will bear transport costs and the transport risk.
9. Exchanged parts will become our property.

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10. Warranty performances will neither result in an extension of the warranty period nor will they initiate a new warranty period.
11. Further or other claims (in particular claims for damages suffered beyond the machine) are excluded insofar as liability is not mandatory by law.
12. These warranty terms apply to machines operated outside of Austria only insofar as they possess the technical requirements (e.g. voltage, frequency, etc.) for the corresponding country, have been officially approved for use there and are suited to the individual climate and environmental conditions.
13. The TFT LCD display consists of more than 1,000,000 Thin-Film Transistors (TFT). A small amount of missing, black, or luminous points is characteristic for TFT LCD technology. The warranty performance will be granted if more than 15 missing, black, or luminous points are present.

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In case of any irregularities in the machine, please check power and all plug-in connections!

In case you cannot remove an error, please call our hotline:

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