

ALGE-TIMING

# FunTrainer



Manual

## Important Information

### General

Before using your **ALGE-TIMING** device read the complete manual carefully. It is part of the device and contains important information about installation, safety and its intended use. This manual cannot cover all conceivable applications. For further information or in case of problems that are mentioned not at all or not sufficiently detailed, please contact your **ALGE-TIMING** representative. You can find contact details on our homepage [www.alge-timing.com](http://www.alge-timing.com)

### Safety

Apart from the information of this manual all general safety and accident prevention regulations of the legislator must be taken into account.

The device must only be used by trained persons. The setting-up and installation must only be executed according to the manufacturer's data.

### Intended Use

The device must only be used for its intended applications. Technical modifications and any misuse are prohibited because of the risks involved! **ALGE-TIMING** is not liable for damages that are caused by improper use or incorrect operation.

### Power supply

The stated voltage on the type plate must correspond to voltage of the power source. Check all connections and plugs before usage. Damaged connection wires must be replaced immediately by an authorized electrician. The device must only be connected to an electric supply that has been installed by an electrician according to IEC 60364-1. Never touch the mains plug with wet hands! Never touch live parts!

### Cleaning

Please clean the outside of the device only with a smooth cloth. Detergents can cause damage. Never submerge in water, never open or clean with wet cloth. The cleaning must not be carried out by hose or high-pressure (risk of short circuits or other damage).

### Liability Limitations

All technical information, data and information for installation and operation correspond to the latest status at time of printing and are made in all conscience considering our past experience and knowledge. Information, pictures and description do not entitle to base any claims. The manufacturer is not liable for damage due to failure to observe the manual, improper use, incorrect repairs, technical modifications, use of unauthorized spare parts. Translations are made in all conscience. We assume no liability for translation mistakes, even if the translation is carried out by us or on our behalf.

### Disposal

If a label is placed on the device showing a crossed-out dustbin on wheels (see drawing), the European directive 2002/96/EG applies for this device.
















Please get informed about the applicable regulations for separate collection of electrical and electronical waste in your country and do not dispose of the old devices as household waste. Correct disposal of old equipment protects the environment and humans against negative consequences!

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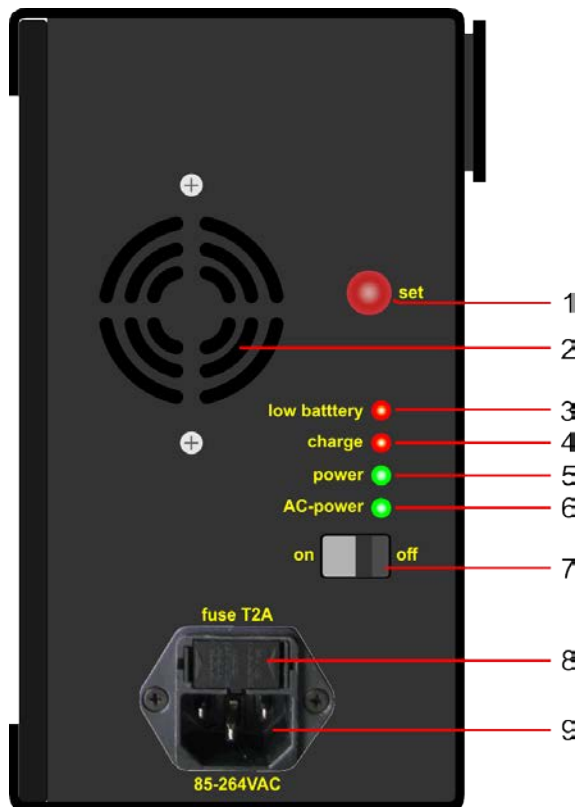
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## 1 About FunTrainer

The FunTrainer is ideal for use as a simple training system. The scoreboard has a built-in countdown with stopwatch, which can be started and stopped with the wireless button (maximum distance 10 m). It is used as self-timer and because of its internal battery it is easy to use setup anywhere in a stadium.

If the FunTrainer is not used for timing it can show alternating time of day and date.

The display board FunTrainer has 6 digits with a figure height of 80 mm. The readability by DIN is 40 m.



- 1 ....push button
- 2 ....loud speaker
- 3 ....LED – low battery
- 4 ....LED – charge
- 5 ....LED – power
- 6 ....LED – AC-power
- 7 ....on/off switch
- 8 ....fuse (T 2A)
- 9 ....power supply (mains 85 – 264 VAC)



Radio Push Button PB-XL-TXRA

### 1.1 Components of the FunTrainer

The FunTrainer includes the following products.

- 1 x Display Board FunTrainer with integrated battery
- 1 x Push Button PB-XL-TXRA
- 1 x Tripod TRI128
- 1 x Power Supply Cable K-NETZ4
- 1 x Manual
- 1 x Transport Case KL-FunTrainer



## 2 Where to Use the FunTrainer

The FunTrainer is the ideal device for:

- Running (laps in a stadium)
- Swimming
- Speed Climbing
- Simple Training features

## 3 Operation

The FunTrainer will show the following:

- In the standard mode, the time and the date are displayed.
- The first time the button is pressed, it will display a preset countdown time.
- When pressing the button again it starts the countdown.
- When the countdown reaches zero, the stopwatch will start automatically.
- Pressing the button again stops the time.
- The time is displayed for a preset duration. When this time is elapsed, it will show the countdown time and is ready to start the countdown.
- If you do not start the countdown it will go back to time of day and date after a preset duration.

### 3.1 Countdown

The countdown time is adjustable.

### 3.2 Speaker

The speaker will honk:

- Countdown at 10 seconds - short tone
- Countdown at 5 seconds - short tone
- Countdown at 4 seconds - short tone
- Countdown at 3 seconds - short tone
- Countdown at 2 seconds - short tone
- Countdown at 1 seconds - short tone
- Countdown at 0 seconds - long tone

### 3.3 Power Supply

The FunTrainer has a built-in rechargeable battery in the display board. This battery can be charged by plugging the power supply cable to the mains (85 – 264 VAC).

Internal Rechargeable Battery: 12 V, 9 Ah (Lead-Acid Battery)

Charging Time: about 10 h

Operation Time: about 10 h

### 3.4 Standard Settings

The FunTrainer is delivered with a standard setting. The setting can be adapted to the personal need by the operator. To reset the factory settings, keep the internal button pressed until the software version appears on the display (about 15 seconds)!

## 4 Parameter Setting for FunTrainer

The parameter list is designed in such a way as to showing the user by the name of the parameter the one he would like to change.

To change the parameters, use the internal push button (1). Press the button until the first parameter appears on the display. The first two digit will describe the parameter, the digit 3 and 4 is the parameter adjustment.

When the first two digits are blinking you can switch to the next parameter by pressing the push button (1).

If you do not press the push button (1) again, the third digit will start to blink after about 5 seconds. Now you can change this parameter. If you do not change the parameter for 5 seconds the next digit will blink and the parameter is stored.

### 4.1 Parameter List (factory setup)

hh XX.....set time of day - hours  
 EE XX.....set time of day - minutes  
 SS XX.....set time of day - seconds  
 dd XX.....set date - day  
 dE XX.....set date - month  
 dY XX.....set date - year  
 th 10.....display time for time of day (10 s)  
 td 05.....display time for date (5 s)  
 tt 00.....display time for temperature (0 s – not shown)  
 AC 00.....calibration of temperature (tt 00 – it does not show this parameter)  
 Pn 1 .....learn radio push button (1 push button)  
 Pb 10 .....program push button  
 br 09.....brightness of display (9 = very bright)  
 t0 01.....showing time and date (1 = on)  
 Cd 15 .....countdown time (15 s)  
 XX.....free parameters depending on time or date

### 4.2 Parameters

#### 4.2.1 Set Daytime Hours

This parameter is to adjust the hours of the daytime.

#### 4.2.2 Set Daytime Minutes

This parameter is to adjust the minutes of the daytime.

#### 4.2.3 Set Daytime Seconds

This parameter is to adjust the seconds of the daytime.

#### 4.2.4 Set the Day of the Date

This parameter is to adjust the day of the date.

#### 4.2.5 Set the Month of the Date

This parameter is to adjust the month of the date.

#### 4.2.6 Set the Year of the Date

This parameter is to adjust the year of the date.

#### 4.2.7 Display Time for Daytime

Display time of daytime being shown. Switch off displayed daytime by setting value to 00.

#### 4.2.8 **Ed** Display Time for Date

Display time of date being shown. Switch off date being displayed by setting value to 00.

#### 4.2.9 **Et** Display Time for Temperature

Display time of temperature being shown. Switch off temperature being displayed by setting value to 00. Only available if temperature sensor is connected.

#### 4.2.10 **Et** Calibration of Temperature

This parameter it shows only when the temperature is on (e.g. tt 05). The shown temperature can be adjusted by up to +/-9 degrees.

#### 4.2.11 **Pn** Amount of Radio Push Buttons to Program

This parameter you need to program the radio push button PB-XL-TXRA to work with this display board. You can use one or two such radio push buttons (e.g. one for start of countdown, and one for finish).

To program one push button set Pn 1, to program two push buttons set Pn 2.

#### 4.2.12 **Pb** Program Radio Push Button

This is to program a radio push button PB-XL-TXRA to work with a display board FunTrainer.

- It shows Pb 10.
- Wait until 10 blinks and press the internal push button (1).
- It shows now 11 and after several seconds 1P and the P is blinking.
- Press the radio push button PB-XL-TXRA and it shows the P permanent (programming) and after a few seconds it shows instead S (setup saved).
- After a few seconds it goes out of the parameter mode (if you programmed only one push button) or it starts the same procedure from the beginning to program the second radio push button.

**Attention:** hold the radio push button PB-XL-TXRA direct in middle of the front of the display! Otherwise you might get no connection to the radio push button.

#### 4.2.13 **br** Brightness [A0] (b)

With this parameter brightness settings and effects can be set. The first digit is for the appearance, the second one for the brightness.

##### 4.2.13.1 First digit of setting

The first digit is defining the type of changing between time and temperature. Fade-in will changeover with brightness effect from time to temperature.

##### 4.2.13.1.1 **br 0** Fade-in off

Fading is not activated.

##### 4.2.13.1.2 **br 1** Fade-in on

Fading is activated.

##### 4.2.13.2 Second Digit of Setting

This setting is defining the brightness mode of the display.

##### 4.2.13.2.1 **br 8** Manual setting

The second digit of the brightness settings can be adjusted manually from 0 to 9. Value 0 is minimum brightness and value 9 is maximum brightness.

##### 4.2.13.2.2 **br d** Daytime Dependent Brightness [x3]

Brightness is set automatically, depending on the daytime.

4.2.13.2.3 **Light Sensor Dependent Brightness [x4]**

With this setting, the brightness depends on the light sensor. If no light sensor is connected, maximum brightness is set.

4.2.14 **Time-Out Time-Temperature-Date [A2]**

This setting defines the time after which the display board switches from stopwatch mode back to time-temp mode. If it is set on 00, the parameters described from point 1.3.1 to point 1.3.15.2.7 are no longer visible. The display modes for daytime, temperature and date are thus deactivated.

4.2.15 **Countdown Time**

You can adjust the countdown time from 0 to 99 seconds. If you go below 11 seconds it will not honk for all countdown sounds.

## 5 Technical Data

### 5.1 Dimensions



All measurements are in mm!



Radio Push Button PB-XL-TXRA  
95 x 95 x 100 mm (L x W x H)

### 5.2 Power Supply

**External from mains:** 85 – 264 VAC  
**Internal battery:** 12 V / 9 Ah Lead-Acid Battery

**Push Button FB-XL-TXPA:** It does not need power.  
It indicates the power by the movement of pressing.

Subject to changes

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**ALGE-TIMING** GmbH  
Rotkreuzstr. 39  
6890 Lustenau / Austria  
www.alge-timing.com