ALGE-TIMING

Timy

Version-E23-11-02

TrackTimer

Important Information

General

Before using your ᴀLGE·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 ᴀLGE·TIMING representative. You can find contact details on our homepage 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! ᴀLGE·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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Timy TrackTimer

Table of contents

1   Keyboard and getting started

See Timy manual „GENERAL"

2 Program TrackTimer

The program TrackTimer is made for all sports with one mass start and finish arrival on different tracks (e.g. athletic, swimming). It is possible to start a race and use for each lane a different finish trigger. To operate the Timy in this mode you need additionally the Docking Station TIDO or Multichannel MC9.
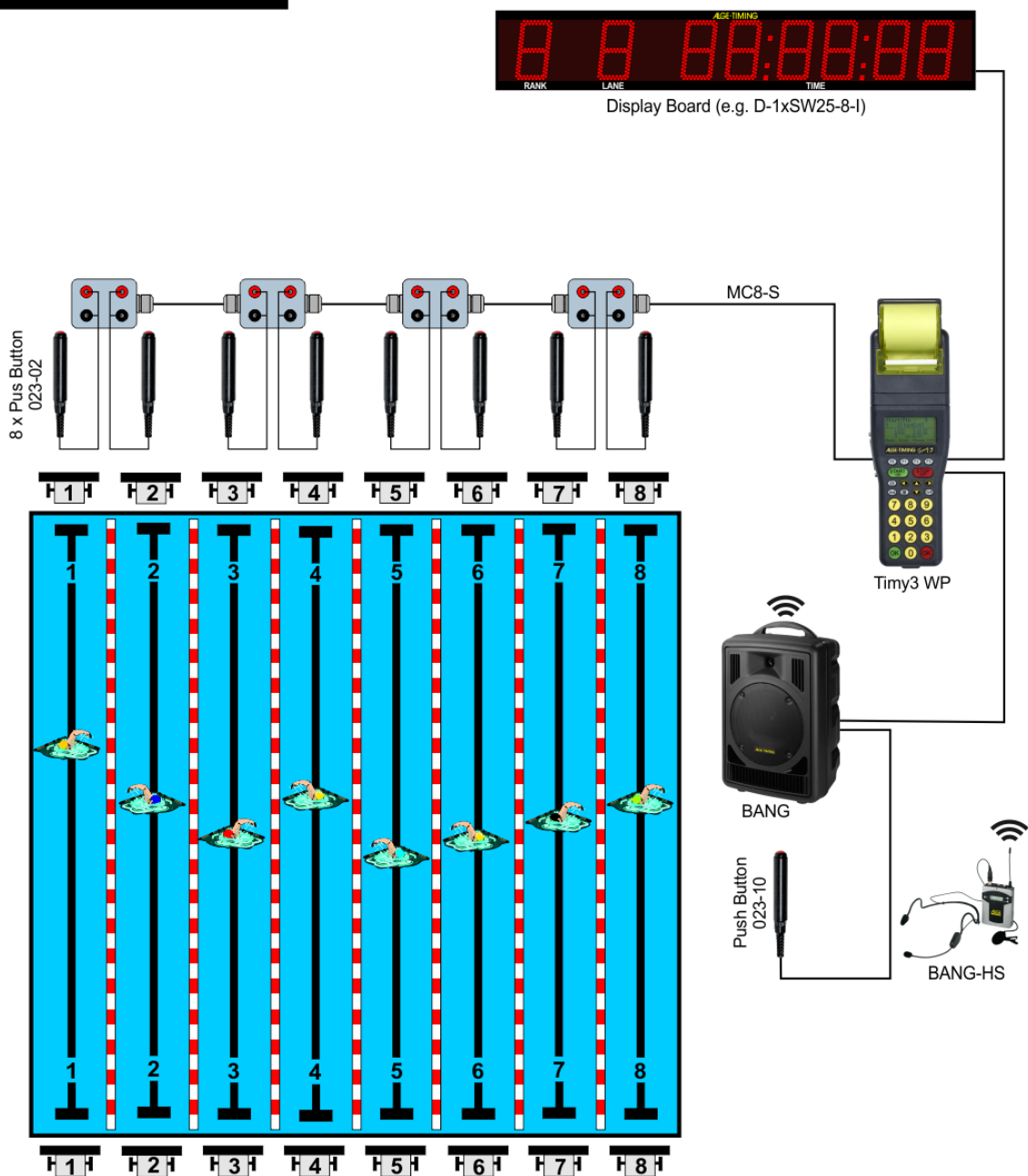
Further this program works also very well for timing a single racer with intermediate times. The clock stops after each impulse and continues with the running time when pressing key <OK> (red).

3 Anwendungsschema

3.1 Swimming or Athletics wired

Display Board (e.g. D-1xSW25-8-I)

8 x Pus Button 023-02

MC8-S

Timy3 WP

BANG

Push Button 023-10

BANG-HS

3.2   Swimming or Athletics with WTN-PB

ALGE
TIMING
SEMI-AUTOMATIC
Wireless
Timing System
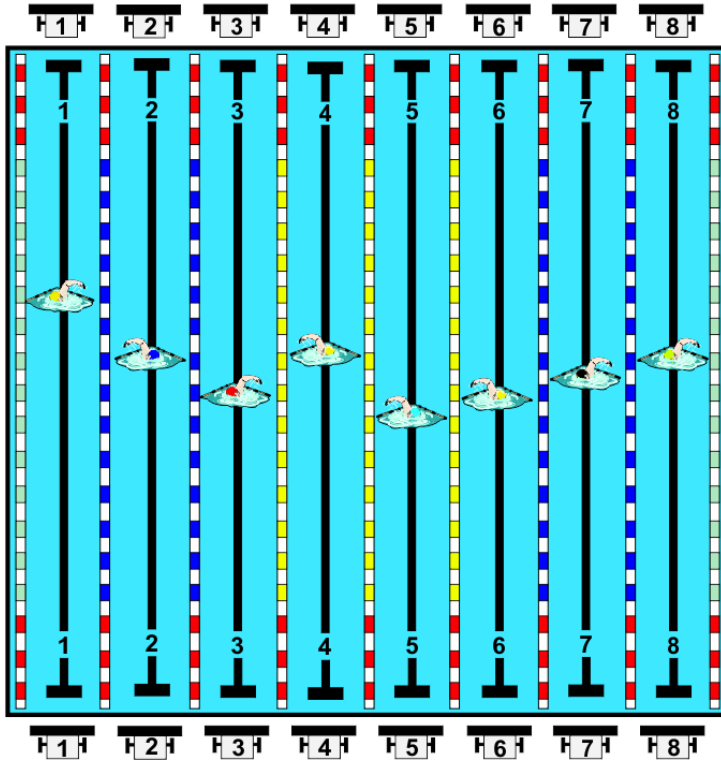with Timy3

Radio Receiver WTN-DB

Display Board (e.g. D-1xSW25-8-I)

BANG W

Push Button WTN-PB with integrated radio for each lane

e-Start W

BANG-HS

Timy3 WP

4 Configuration for WTN-PB

When using WTN-PBs, socket mode must be used from 4 lanes in the WTN menu. This is configured as follows.

Up to 9 timing channels can be configured for the WTN in this mode. Pulses stopped in socket mode are marked with a "t" (e.g. t0124 ST 10:12:34.0384)Starten Sie die WTN-Geräte, die externe Zeitmessimpulse erzeugen; stellen Sie das gleiche Team wie im Timy3 ein.

- Check that the WTN of your Timy3 is switched on
- Press the Menu-Button 📋.
- Choose <WTN> and press OK.
- Choose <SOCKET> and press OK.
- Under „Neighbour" you should see the total amount of WTN-PBs in the same Team.
- Choose with the F-Button the devices you like to configure (z. B. F3 = all WTN-devices)
- Because of technical limitations you can not configure the E-START W as a socket device! The E-START W works allways in standard mode so the BANGx will be triggered correct.
- Now press the WTN-PB used for the first lane.
- 1 SOCKET is now shown in the display.
- Press then ext WTN-PB. (Lane 2)
- It shows now 2 SOCKET in the display
- continue.
- After configuring all WTN-PBs press 📋 to exit.
- Now all WTN-PB are connected, but using channel 0 to n-1)
- Now you have to change the channel usage.
- Press Menu-Channels-Channel-Usage and adjust the chanelusage as shown to the right!
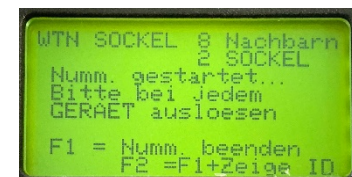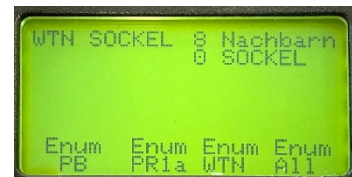
5 Operation of Program Track Timer:

- Switch the Timy on as described in Timy manual GENERAL
- Select <TrackTimer>
- Clear the memory with key ⒡⓪ or ⒞ⓛⓡ and press key 🟢 or 🔴 (red or green).
- Input the time of day and date for synchronization and confirm it with 🟢 or 🔴 (or ⒡⓪. Make a synchronization start (e.g. with key START (START ON)).
- Now it shows ID-number 1 and the time zero
- If you want to input another ID-number, do it with the keyboard and confirm it with 🟢 or 🔴
- Start the race with a start impulse (channel 0) or keyboard (START ON).
- Stop each competitor with finish impulse device (e.g. manual push buttons)
- If you get a wrong impulse, or if you want to see other times press 🔴.
- After the race is finished, input the next ID-number and confirm it with 🟢 or 🔴, etc.
- Check one last setting to be sure that all timing channels are used for the right lanes.

6 Display Mode

You can select between four different mode.

LANE-MODE
RANK-MODE
ALTERNATING-MODE
STANDARD-MODE

6.1 LANE-MODE

The Channel and Lane are the same. You can connect up to 8 GAZ or D-LINE with 7 digit. The running time will be shown on the display board with address 1.

Lane 1 = Channel 1 = Display address 1
Lane 2 = Channel 2 = Display address 2
etc.

6.2 RANK-MODE

You can connect up to 8 GAZ or D-LINE with 7 digit.. The running time will be shown on the display board with address 1

Rank 1 = Display address 1
Rank 2 = Display address 2
etc.

6.3 ALTERNATING-MODE

Works on one display board with 8 digit who will show time, rank and lane. The switch for address adjustment must be on 0.
If the delay time setting is 0, the display board shows only the first stopped time.
To show the next time you have to press the red „OK" button.

6.4 STANDARD-MODE

Display board shows only the stopped time without rank and lane for the duration of the adjusted delay time.

7   RS 232 Interface

7.1   TRACK-MODUS

You can select in the Menu "MAIN-MENU"->"INTERFACE"->"RS-232"->"TRACK-MODE" between two modes.

☞ NORM
☞ IDENT

7.1.1 NORM

On this setting the memory printing is different to the ONLINE printing. It shows on the memory print how many times the same channel was released.

```
0001 c2  00:01:03.04  03
0001 c1  00:01:03.68  05
0001 c2  00:01:04.34  04
0001 c1  00:01:04.94  06
0001 c2  00:01:05.57  05
0001 c2  00:01:06.09  06
0001 c2  00:01:06.59  07
```

7.1.2 IDENT

On this setting the memory printing is the same as the ONLINE printing. It will not show the how often the channel was released.

7.1.3 Interface Data

RS 232 Interface
Standard 38.400 Baud (adjustable: 2400, 4800, 9600, 19200, 38400)
8 Data Bit, no Parity Bit, 1 Stop Bit
ASCII Characters

```
n0002...........................Input of ID-number 2
 0002 C0  10:27:28.4172 00........Start Time (time of day)
 0001 c5  00:01:07.56   00........Finish Impulse from Lane 5 (impulse 1)
 0001 c4  00:01:08.79   00 .......Finish Impulse from Lane 4 (impulse 1)
 0002 c4  00:01:09.04   00 .......Finish Impulse from Lane 4 (impulse 2)
 0001 c6  00:01:09.73   00 .......Finish Impulse form Lane 6 (impulse 1)
 0001 c3  00:01:10.02   00 .......Finish Impulse from Lane 3 (impulse 1)
 0001 c7  00:01:10.65   00 .......Finish Impulse from Lane 7 (impulse 1)
 0002 c7  00:01:10.75   00 .......Finish Impulse form Lane 7 (impulse 2)
 0001 c2  00:01:10.97   00 .......Finish Impulse from Lane 2 (impulse 1)
 0001 c8  00:01:11.50   00 .......Finish Impulse from Lane 8 (impulse 1)
 0001 c1  00:01:12.16   00 .......Finish Impulse from Lane 1 (impulse 1)
```

Each string ends with a carriage return
Small c = Nettime
Big C = Daytime

Channels:
Channel 0   C0   max. Precision 1/10.000
Channel 0M   C0M   max. Precision 1/100 – manual = keyboard

```
Channel 1     C1     max. Precision 1/10.000
Channel 1M    C1M    max. Precision 1/100 – manual = keyboard
Channel 2     C2     max. Precision 1/10.000
Channel 3     C3     max. Precision 1/10.000
Channel 4     C4     max. Precision 1/10.000
Channel 5     C5     max. Precision 1/100
Channel 6     C6     max. Precision 1/100
Channel 7     C7     max. Precision 1/100
Channel 8     C8     max. Precision 1/100
```

7.1.4 RS 232 Commands

Syntax	Parameter	Example	Explanation	Description
BE	0 or 1	BE0 BE1BE?	Beep tone	Request, on/off
BWF		BWF	Update of program - RS 232	Afterwards update-file
USB-TIMY:BWF!!!!		USB-TIMY:BWF!!!!	Update of program - USB	Afterwards update-file
DIT1	00 - 99	DIT103 DIT1?	Display time 1 in display	Request, Set
DIT2	00 - 99	DIT299 DIT2?	Display time 2 in display	Request, Set
DTF	00.01 - 59.99	DTF00.03 DTF?	Delay time for finish and intermediate	Request, Set
DTS	00.01 - 59.99	DTS09.99 DTS?	Delay time for start	Request, Set
KL	0 or 1	KL0 KL1 KL?	Keyboard lock	Request, on/off
NSF?		NSF?	Timy version of program	Sends NSFV03B2
PRI_AF	0 - 9	PRI_AF3	Line Feed adjustment for printer	Printer AutoLineFeed 0 - 9
PRI	0 or 1	PRI0 PRI1	On, or. off from printer	Request, on/off
PRILF		PRILF	Line Feed for printer	Set
PRILO		PRILO	Print of ALGE-logo	Set
PRIM		PRIM	Printing of memory	Printing memory
RSM		RSM	Send memory through RS 232	Memory on RS 232
SL	0 or 1	SL0 SL1 SL?	Print of ALGE logo (switch on)	Request, on/off
TIMYINIT		TIMYINIT	Output of Timy hardware number	Not specified

Subject to changes and misprints

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