ALGE-TIMING

Version-E070515

Timy

TrackTimer

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1 Keyboard an getting started

See Timy manual „GENERAL“

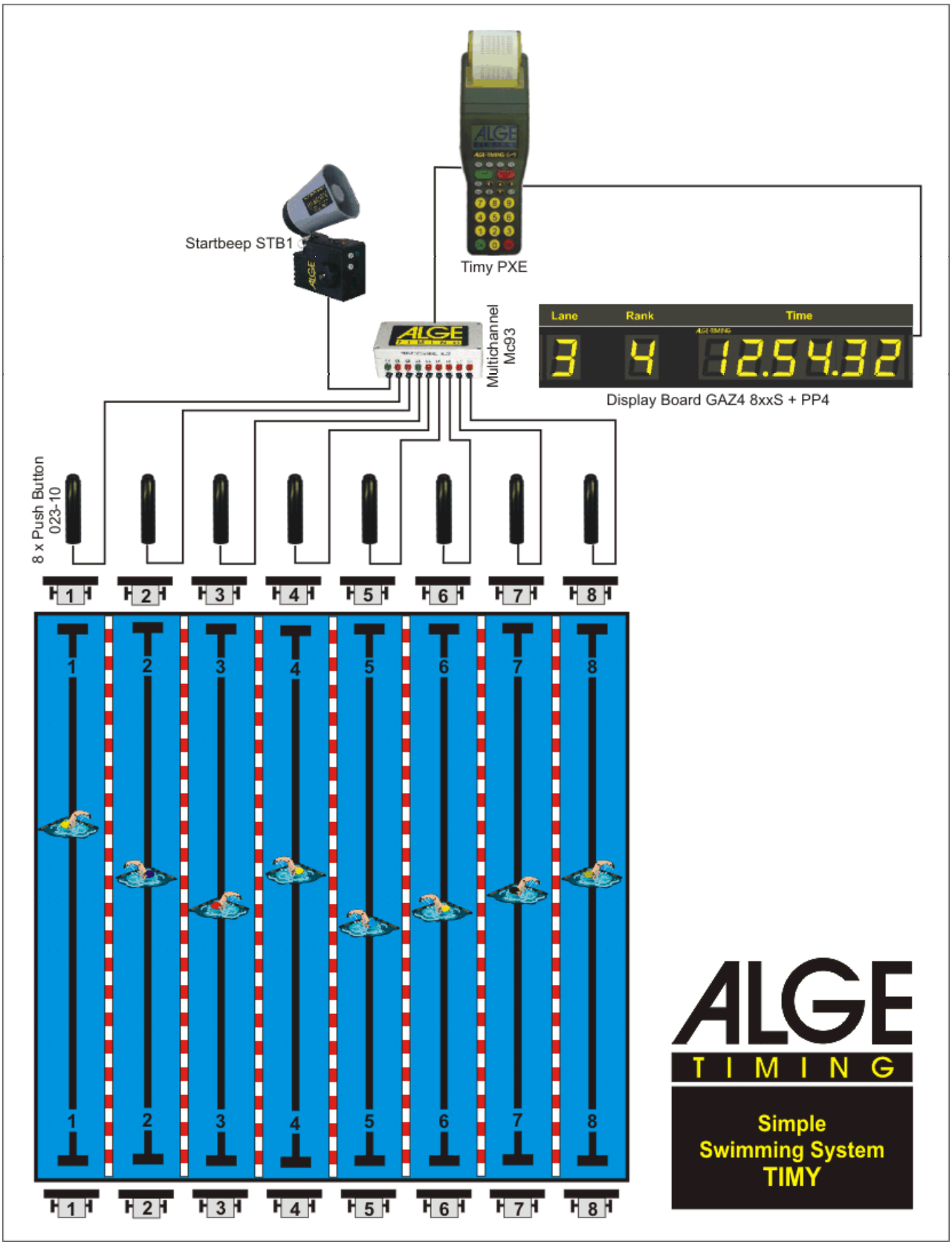
2 Program TrackTimer

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 Operation of Program Track Timer:

- Switch the Timy on as described in Timy manual GENERAL
- Select <TrackTimer>
- Clear the memory with key F0 or CLR and press key OK or OK (red or green).
- Input the time of day and date for synchronization and confirm it with OK or OK (or F0. Make a synchronization start (e.g. with key 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 OK or OK
- 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 OK.
- After the race is finished, input the next ID-number and confirm it with OK or OK, etc.


Startbeep STB1
Timy PXE
Multichannel Mc93
Lane
Rank
Time
3
4
12.54.32
Display Board GAZ4 8xxS + PP4
8 x Push Button 023-10
1
2
3
4
5
6
7
8
ALGE TIMING
Simple Swimming System TIMY

4 Display Mode

You can select between four mode.

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

4.1 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.

4.2 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.

4.3 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.

4.4 STANDARD-MODE

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

5 RS 232 Interface

5.1 TRACK-MODUS

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

- ☞ NORM
- ☞ IDENT

5.1.1 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**

5.1.2 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.

5.1.3 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

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

5.1.4 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