E-05-08-29

Timy

TrackTimer

ALGE
TIMING

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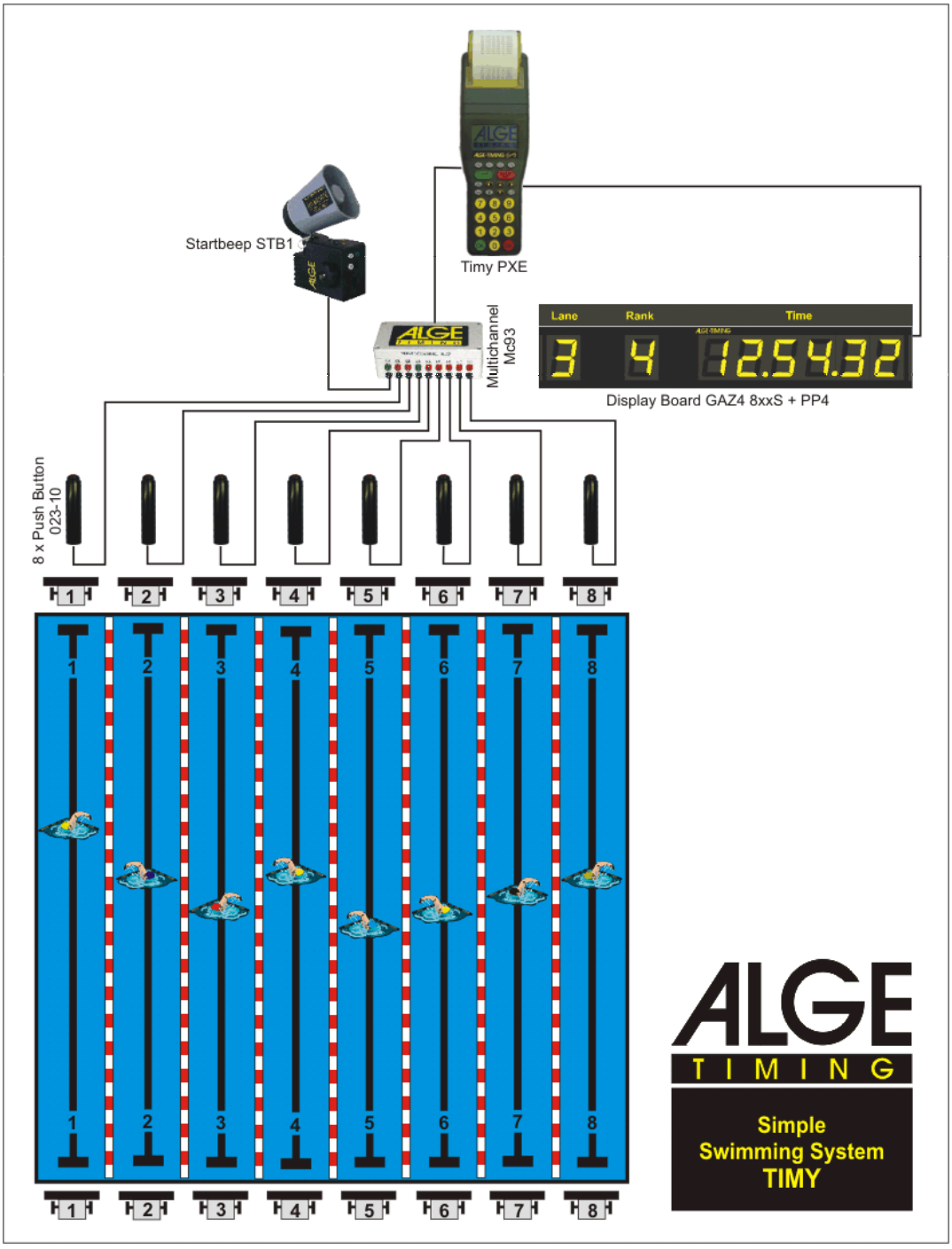
See Timy manual „GENERAL“

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).



2.1 Operation of Program Track Timer:

- Switch the Timy on as described on page 4
- 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.

2.2 RS 232 Interface

2.2.1 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

2.2.2 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