

ALGE SWIM SYSTEM TimeManager

A NEW TECHNOLOGY THAT MAKES TIMING A PLEASURE!



Features of the ALGE TMS System:

- PC - based timing-system
- **USB-Interface** to connect the timing system with new generation of computers and notebooks
- easy to operate,
- **Meet-Manager Software** with **LENEX - data transfer** and integrated network capability
- possibility to control up to 12 lanes
- **all lanes are controlled by optical and by accustical signals**
- possibility to connect to each lane on each side 1 touchpad, 3 manual push buttons and 1 relay-start-pad (**5 independent timing - channels per lane and side**)
- all lists can be published directly as html-files (for internet-distribution)
- **integrated backup battery** works for 4 hours (without computer)
- integrated **speaker-system**
- communication between starter and timekeeper is possible with headset
- on screen **false-start warning**
- warnings of missed touch(es), of too large time difference between manual button and touchpad or too high lap difference
- **Most reliable and rugged touchpads**

ALGE
TIMING

PC-SOFTWARE

The ALGE-PC-Software for the TMS consists of several separate program parts. Because of this modular construction it is possible to have the timing on one PC and execute the meet management on another (or more).

Since the timing software and meet management software is produced by the same company everything is a 100% interoperable. Although the meet management software is included in the TMS, we have interfaces for the most common 3rd party meet management softwares. The TMS software works with all current Microsoft Windows versions (Windows 95, 98, ME, NT, 2000, XP).

TIMING - PROGRAM

menu bar

race selection

Competitor data

block time of start side

lane number

status line

lap time

total time

manual time

Touches

block time of start side

Lane	Competitor	Lap 1	Lap 2	Lap 3	Total	Manual	Touches
8	Szekendi Anais SC Austria, AUT	00:00.00	00:00.00	00:00.00	0	0	8
7	Straus Tjasa Branik Maribor, SLO	00:00.00	00:00.00	00:00.00	0	0	7
6	Gangl Edina Flexum Se, HUN	00:00.00	00:00.00	00:00.00	0	0	6
5	Rychlewski Nicole SC Austria, AUT	00:00.00	00:00.00	00:00.00	0	0	5
4	Bombek Petra Branik Maribor, SLO	00:00.00	00:00.00	00:00.00	0	0	4
3	Salcinovic Ena PK Zenica, BIH	00:00.00	00:00.00	00:00.00	0	0	3
2	Babos Elisa A.S. Edera Trieste, ITA	00:00.00	00:00.00	00:00.00	0	0	2
1	Miljus Janja Branik Maribor, SLO	00:00.00	00:00.00	00:00.00	0	0	1

The timing software has clear, animated symbols. This makes operation very easy!

- optimized for the evaluation program
- optical illustration
- same order as the swimming pool in front of you
- easy to operate
- 10 years cost-free software update
- battery backup
- Clearly arranged event protocol
- possibility to operate with 12 lanes
- competitor details also for the timekeeper
- lots of useful control functions

MEET-MANAGEMENT - PROGRAM

menu bar

tool bar

work area
(to check the start list)

lane settings

status line

Rank	Swimmer	Time	Team
1:	Gabrio Ivana	02:25.76	IT
2:	Beshevly Nadia	02:24.48	IT
3:	Mocanu Diana	02:17.97	IT
4:	Klochova Jana	02:16.56	IT
5:	Jukic Mina	02:20.99	IT
6:	Czaplicki Agata	02:22.44	IT
7:	Breznikar Lidija	02:23.15	IT
8:	Vyoralova Lucie	02:24.91	IT
9:			
10:			

The ultimate solution. Timing system and Meet-Management Software are optimized to each other.

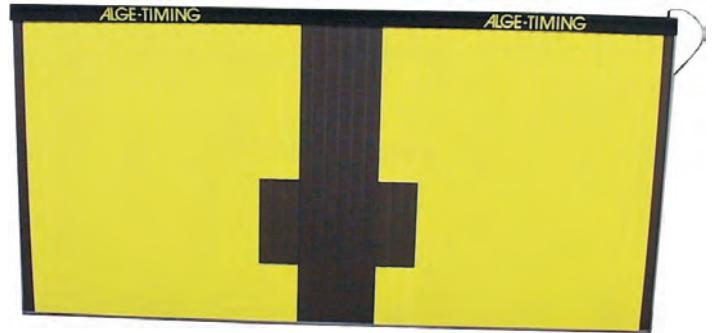
- start fee administration
- LENEX-data transfer
- registration overview
- registration lists
- relay registration
- overviews
- time schedule
- start lists
- statistics
- result lists
- Penalty calculations
- point lists
- LEN-point calculation
- possibility to publish all lists directly in the internet

ALGE Swimming Components



TimeManager for Swimming

The high-tech device TMS is collecting and storing all data Flash-Rom, galvanically separated interfaces, acoustic part and synchronous input-output.



TOUCHPAD TP18/24

The touchpad is one of the key components of this timing system. The quality of this component is relevant for the success of the complete system. The closed construction of the touchpad (backside of stainless steel 1.4571) is significant for reliability. The touchpads are available in different dimensions :

- TP 24: active area 2444 x 906 x 10 mm
 - TP 18: active area 1855 x 906 x 10 mm
- For other sizes please contact your ALGE dealer



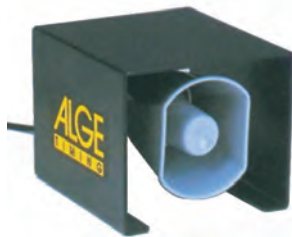
SWIM TERMINAL SWT

The terminals are connected with only one cable from terminal to terminal. At the last terminal you have to connect a SWT-END. All terminals are identical. No numbering!! Each SWT includes jacks for 1 touchpad, up to 3 separate push-buttons 023-02 and one Start Block SO 2 or SWR 2.



START UNIT SU2

with integrated microphone and start push button



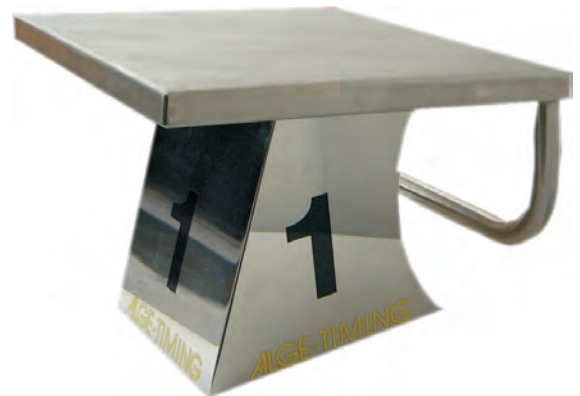
SPA and SPP

Built-in gel-cell-battery and amplifier. Each SPA can drive one SPP.



PUSH-BUTTON 023-02

waterproof rugged construction, cable length 2 m



START BLOCK SO 2

modern design made of stainless steel (1.4571). Different size and design on request.



SWR 2 RELAY START PAD

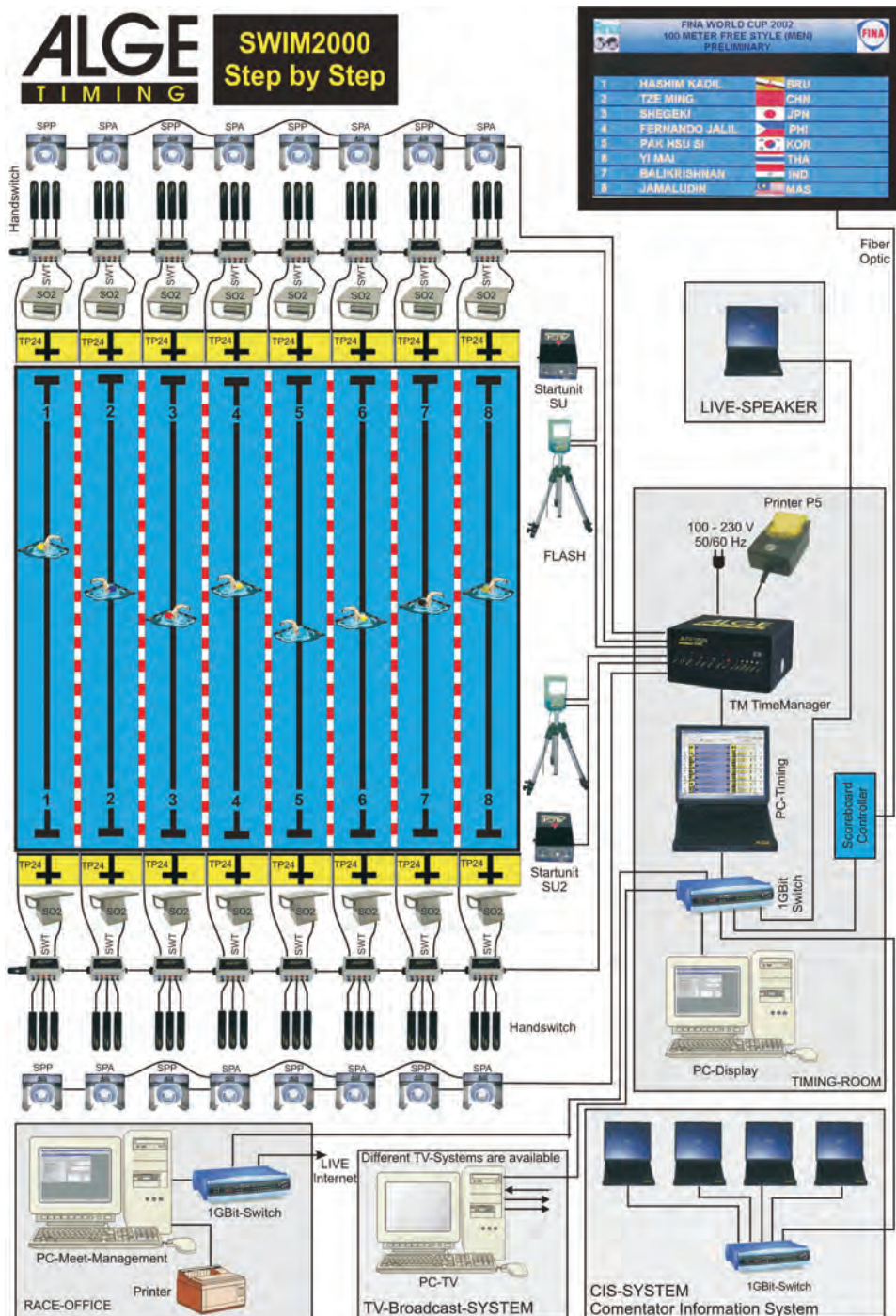
The best solution for existing starting blocks. Different size and design on request.

Display Board:

Available with different technologies and configurations up to videowalls!

Technical data: TimeManager for Swimming - TMS:

- Measuring Range:** 23 hours, 59 minutes, 59.9999 seconds
Time Reference: TCXO 10.000MHz (temperature compensated quartz oscillator)
Frequency Deviation: temperature range -25 to 50°C (-13 to 122°F): +/- 2,5ppm (+/- 0,009 sec./h.)
 with ageing: +/- 1 ppm per year
 at 25°C (77°F) adjusted to +/- 0.1 ppm
- Power Supply:** internal: 12V gel cell battery
 external: 100-240 V 50/60Hz or 12-18 V DC
- Interfaces:** 1 USB Interface for PC or Video
 3 RS232 interfaces
 1 x display board ((2400-38400 kBaud) galvanically separated
 1 x protocol printer (2400-38400 kBaud)
 1 x video interface (2400-38400 kBaud) galvanically separated
 3 RS485 interfaces
 2 x timing bus start side and turn side
 1 x display board
- Connections:** 1 x SWT line start 1 x SWT line turn
 1 x printer 1 1 x printer 2
 1 x PC/TV - RS232 1 x PC/TV - USB
 1 x display board (DIN) 1 x display board (banana plugs)
 1 x start (banana plugs) 2 x SU (Start Unit) / FLASH
 2 x Speaker active 1 x headset
 1 x audio line In 1 x audio line out
 1 x microphone 1 x headset
 1 x audio in 1 x total volume



FINA WORLD CUP 2002
100 METER FREE STYLE (MEN)
PRELIMINARY

1	HASHIM RAOUL	SRU
2	TZE MING	CHN
3	SHIGEKI	JPN
4	FERNANDO JALIL	PHI
5	PAK HSU SI	KOR
6	YI IMI	THA
7	BALAKRISHNAN	IND
8	JAMALUDIN	INA



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