



ALGE DIVE !

ALGE
TIMING

ALGE-TIMING GmbH & Co
Rotkreuzstrasse 39
A-6890 Lustenau
Telephone: +43 5577-85969
Fax: +43 5577-85969
e-Mail: office@alge-timing.com
Internet: www.alge-timing.com

Table of contents

1.	Introduction	Page3
1.2.	PC-requirements	Page3
1.3.	Installation of the software	Page3
2.	Getting started	Page4
2.1.	Licensing of your Software	Page4
3.	Create a new competition	Page5
3.1	Save competition as... ..	Page5
3.2.	Competition properties	Page5
4.	Event	Page6
4.1	Competition structure	Page6
4.1.1.	Create or edit an event	Page6
4.1.2.	Age groups	Page7
4.1.2.1.	Age-group properties	Page7
4.1.3.	Age-group designation	Page7
5.	Preparation	Page8
5.1.	Register club (Strg+V)	Page8
5.2.	Register competitors (Strg+T)	Page9
5.2.1.	Input competitor data	Page9
5.2.2.	Designate events and dives	Page9
5.2.2.1.	Designate events to competitor	Page9
5.2.2.2.	Choose dives	Page9
5.3.	Register teams (Strg+E)	Page10
5.3.1.	Input team data	Page10
5.3.2.	Designate events and dives	Page10
5.3.2.1.	Designate events to team	Page10
5.3.2.2.	Choose dives	Page10
5.4.	Prepare start list (Strg+L)	Page11
5.5.	Print start list	Page11
6.	Realization	Page12
6.1.	Cancellations	Page12
6.2.	Input points (Strg+P)	Page12
6.2.1.	Input points	Page12
6.2.2.	Input points from COMET	Page13
7.	Extra	Page14
7.1.	Show scoreboard	Page14
7.1.2.	Cancel	Page14
7.1.3.	Competition	Page14
7.1.4.	Event	Page14
7.1.5.	Competitor	Page14
7.1.6.	Rating	Page14
7.1.7.	Ceremony	Page14
7.1.8.	Yellow	Page14
7.1.9.	Test	Page14
7.1.10.	Preview	Page14
7.1.11.	Settings	Page14
8.	COMET	Page15
8.1.	General	Page15
8.2.	COMET Terminal	Page15
8.3.	Program Computer	Page15
8.4.	Input points	Page15
9.	Timy	Page15
10.	System setup	Page16


1. Introduction

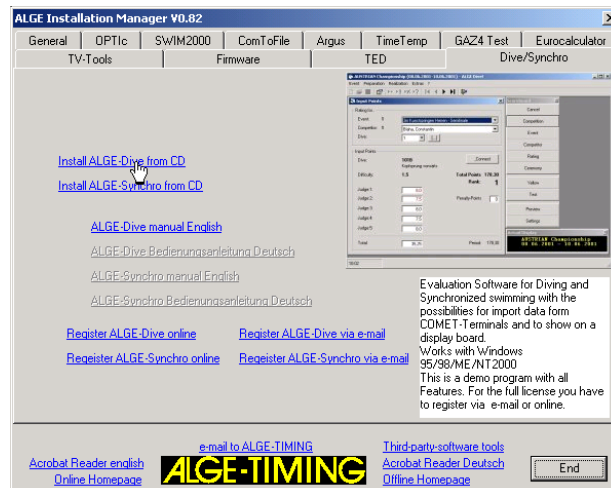
With the professional scoring system ALGE DIVE you have one of the most modern systems for the points recording during diving events.

1.2. PC-requirements

- ☞ Desktop-Computer or Notebook with WIN95/98/NT or WIN2000.
- ☞ Installed Internet Explorer 5.5 or higher!
Otherwise the software can work incorrectly!
- ☞ Monitor with at least 800 x 600 pixel resolution!
- ☞ min. Pentium III or compatible, 500MHz or higher!
- ☞ 64MB RAM or more

1.3. Installation of the software

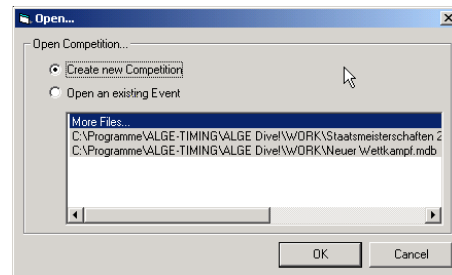
- ☞ Insert the ALGE-CD into your PC
- ☞ If the CD doesn't start automatically click on the icon ,  and then on your CD-Drive.
- ☞ Now double-click on the program "autorun".
- ☞ Choose the folder *DIVE* and click on „Install DIVE from CD“



- ☞ Follow the instructions of the installation manager!

2. Getting started

Whenever you start the program ALGE DIVE you will be asked if you want to create a new competition or if you want to open an existing competition.



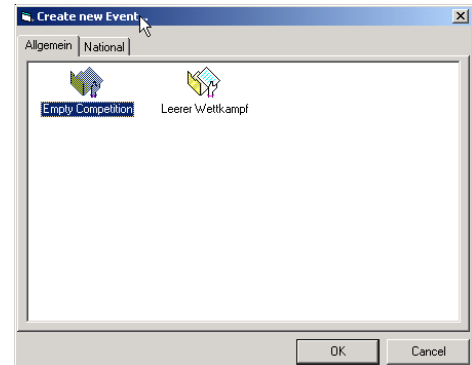
2.1. Licensing of your Software

Insert the delivered disk into your disk drive.
Copy the file "program.vrs" from the disk into the program directory of ALGE DIVE.

IMPORTANT! If the Software is not licensed, all of your lists are generated with errors!

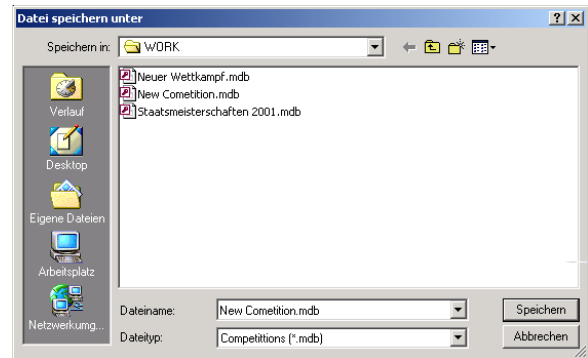
3. Create a new competition

If you choose this option, the program request if you want to create a complete new competition or if you want to create a competition based on a model. As the software use the name of the model database it will show in any program language the german name for the empty competition. If you want to change this, you have to save the empty competition as a model under your english name. See the sample to the right. You can rename the file with the Explorer also. Double-click on the model „Leerer Wettkampf“ or choose another existing model.



3.1 Save competition as...

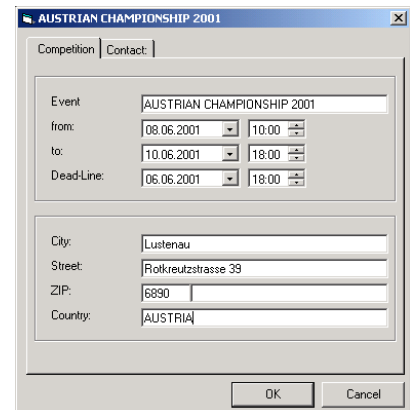
Choose a name and the path for saving your competition-database. We recommend to use a name which gives information about the competition like „Austrian Championship 2001“



3.2. Competition properties

Input the competition properties like

- ☞ Name of the event
- ☞ First competition day
- ☞ Last competition day
- ☞ Dead-Line for entries
- ☞ Name of the pool
- ☞ Address
- ☞ Zip and City
- ☞ Country
- ☞ Contact information



You can change these settings anytime if you choose „ Event“ - „Properties“ in the menu.

4. Event

Choose „event” - „Prepare competition” in the menu.

The „Prepare competition” window will open and you can edit and create competition-parts, events and age-groups.

4.1 Competition structure

Any competition is divided into different competition-parts and different events, For example “Day 1 - 3m events”, “Day 2 - 5m events” and so on.

In this window you can create new competition-parts, new events and you can change the structure.

Create new event: See point 2.2.1.1.

Create new competition part: See point 2.2.1.2:

Delete competition part: Mark and press button

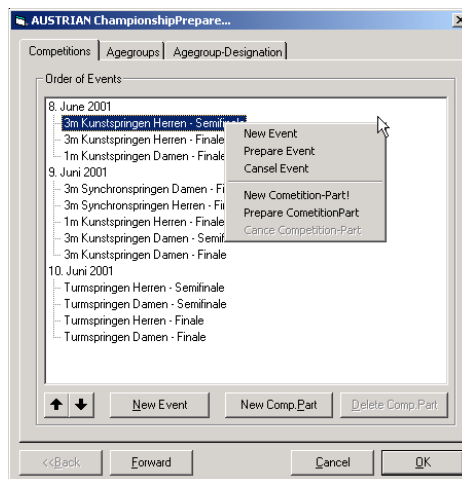
Delete event: Mark event and press the right mouse button, now press cancel event.

Edit event: double click on the event you want to edit, see point 2.2.1.1.

Edit competition part: double click on the competition part you want to edit, see point 2.2.1.2.

Edit competition structure:

Mark the event you want to move. With the arrow-buttons you can move a marked line to a desired position.



4.1.1. Create or edit an event

To open the edit event window, press “new event” in the competition structure window or double-click on the event you want.

Input or change all data you need for the event. If you forget any important information, you are not able to save the event with OK.

Description of the different fields:

Name: input the name of the event

Height: input the height of the event

Type: choose single or synchronous

Sex: choose men, women, open

Amount of judges: Input the amount of judges

Amount of dives: Input the amount of dives

Max. difficulty: Input the maximum difficulty of all dives together

Amount of dive groups: Input the required amount of dive groups

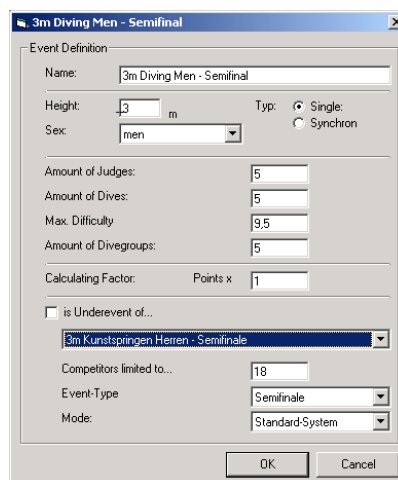
Calculating Factor: Input the calculating factor depending on the amount of judges you use

Is under event of: if you mark this check box you have to choose also from which event this event is the under event

Competitors limited to: Input the maximum amount of allowed competitors

Event type: Choose the type of the event: final, semi final A, B or Final

Mode: Choose the competition mode: Standard or Tournament-System



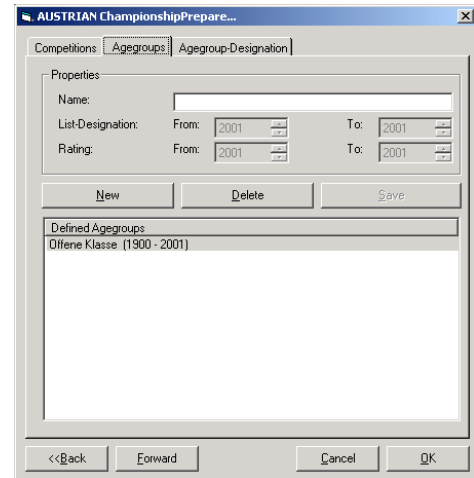
4.1.2. Age groups

In the age-group window you can define the different age groups which are competing at this competition.

4.1.2.1. Age-group properties

- Name:** input the name of the age group
- List-Design:** all age groups who have the same years in this field can start together in the same event
- Rating:** this is the year of birth for the different age groups

To create a new age group you have to press the button „new” or „ALT-N” on the keyboard. After you have edited all the parameters for this age-group, press „save”.



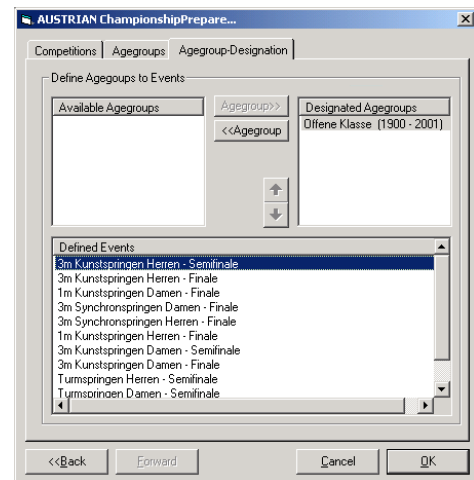
4.1.3. Age-group designation

Here you have to designate which age groups are competing at which events.

Mark the event, then mark the age group. Now move the age group to the field you want. You can use the windows functions to mark more age groups and more events at the same time.

Ctrl + mouse click add or remove to the selection

Shift + mouse click add till this entry to the selection



IMPORTANT: After you feed the software with all required data it is important to exit this window with the OK button. If you exit with cancel you will loose all changing from all three windows.


5. Preparation

5.1. Register club (Strg+V)

Insert in this windows all available information about the competing clubs.

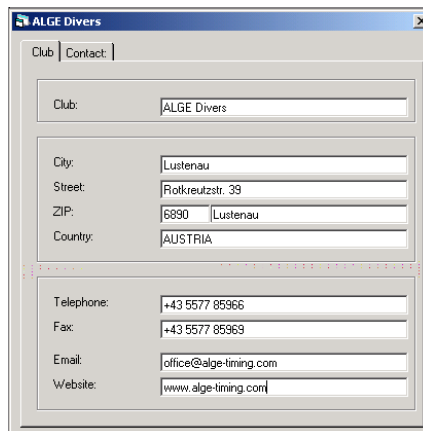
The buttons in the menu have the following functions:

 (Alt+N) Create new Club

 (Alt+S) Save this Club

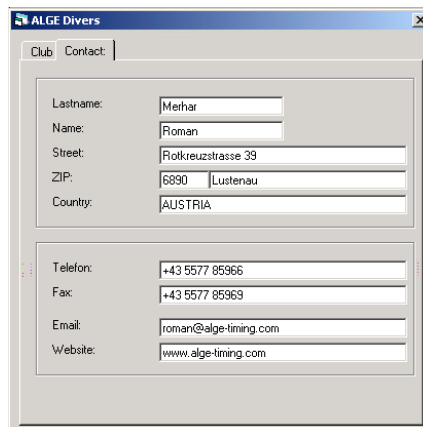
 Delete this Club

 Search a Club



The screenshot shows the 'ALGE Divers' application window with the 'Club' tab selected. The form contains the following fields:

Club:	ALGE Divers
City:	Lustenau
Street:	Rotkreuzstr. 39
ZIP:	6890 Lustenau
Country:	AUSTRIA
Telephone:	+43 5577 85966
Fax:	+43 5577 85969
Email:	office@alge-timing.com
Website:	www.alge-timing.com







The screenshot shows the 'ALGE Divers' application window with the 'Club' tab selected. The form contains the following fields:

Lastname:	Merhar
Name:	Roman
Street:	Rotkreuzstrasse 39
ZIP:	6890 Lustenau
Country:	AUSTRIA
Telefon:	+43 5577 85966
Fax:	+43 5577 85969
Email:	roman@alge-timing.com
Website:	www.alge-timing.com

5.2. Register competitors (Strg+T)

To register a competitor you have to input all available data of the competitor. After that you have to designate the events to the competitor.

5.2.1. Input competitor data

-  (Alt+N) Create new competitor
-  (Alt+S) Save this competitor
-  Delete this competitor
-  Search a competitor

5.2.2. Designate events and dives

After you have entered the competitor's data, you have to choose the events, where this competitor is competing. Then you have to choose the dives for each event. The competitor or trainer should provide this data together with the registration.

5.2.2.1. Designate events to competitor

Choose the events, which the competitor is competing out of the pull-down menu. Add or delete with the buttons. After pressing "add event" you will enter the window „Choose dives”.

Designated Events	hors concours
1m Kunstspringen Damen - Finale	No
Turnspringen Damen - Semifinale	No

5.2.2.2. Choose dives

Choose the dives of the competitor.

If you enter invalid data you cant save the dives of the event. A reason for that may be the exceeding of the maximum difficulty or to less dive groups.

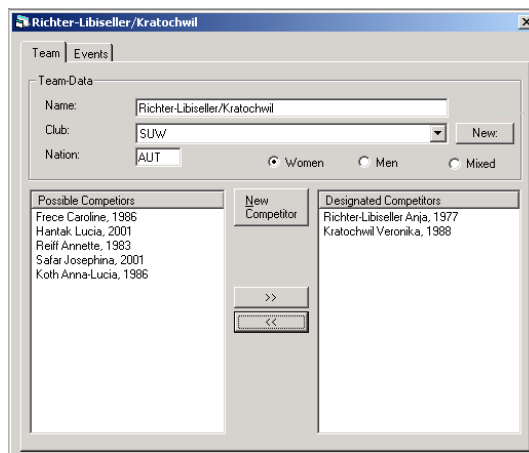
Regulations	
Anzahl Sprünge:	5
Anzahl Sprunggruppen:	5
Max. Schwierigkeitsgrad:	9,5

5.3. Register teams (Strg+E)

To register a team you have to choose the single-divers, who are part of the team. After that you have to designate the events to the team.

5.3.1. Input team data

- (Alt+N) Create new competitor
- (Alt+S) Save this competitor
- Delete this competitor
- Search a competitor

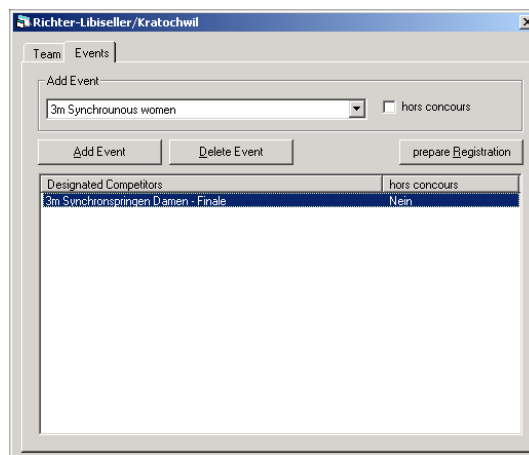


5.3.2. Designate events and dives

After you have entered the team data you have to choose the events, where this team is competing. Then you have to choose the dives for each event. This data should be provided together with the registration by the team or trainer.

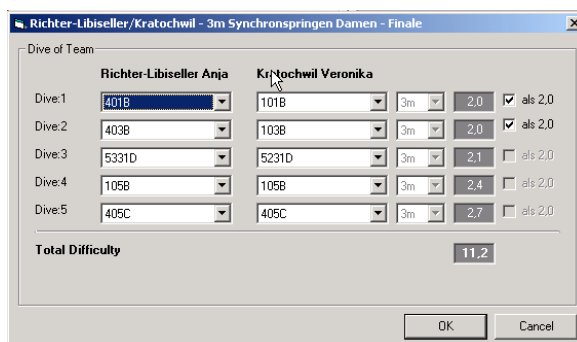
5.3.2.1. Designate events to team

Choose the events, which the team is competing, out of the pull-down menu. Add or delete with the buttons. After pressing "add event" you will enter the window „Choose dives”. See next point.



5.3.2.2. Choose dives

Choose the dives of the single competitors. Choose the dives concerning the FINA-dive number.



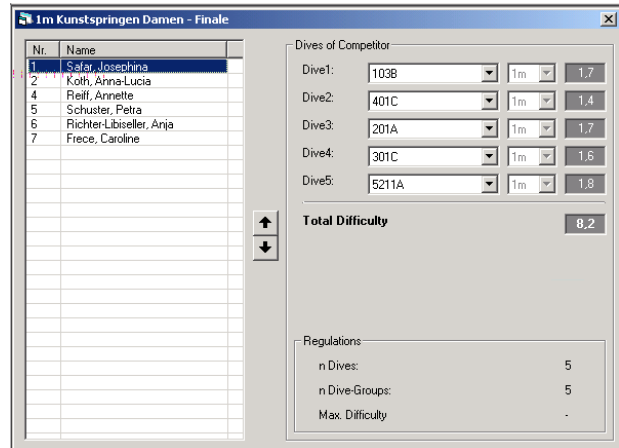
If you enter invalid data you cant save the dives of the event. A reason for this is the exceed of the maximum difficulty or to less dive groups.

5.4. Prepare start list (Strg+L)



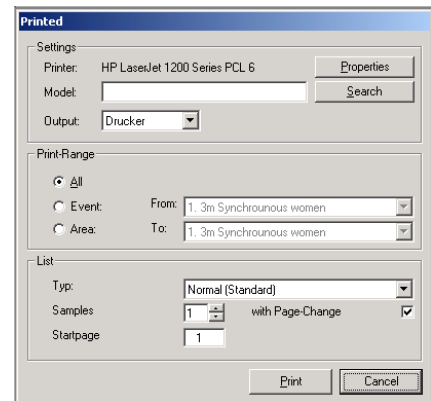
Choose the events you want to prepare in the start list and press „prepare”!
With the arrow-keys on top you can select the event you want to edit.

In this window you can now move the competitors to the start number you want. Mark a competitor and move with the up-down arrow-keys.



5.5. Print start list

With this function you can print your start list.



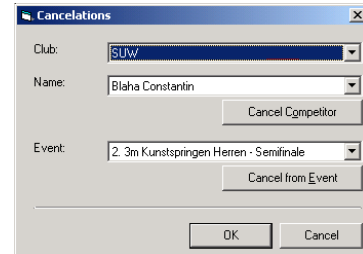
If you want to create your own designed list, please see the separate manual for the List Designer, which will be installed together with the Swimming Software.

6. Realization

This menu is important during the competition to enter the points of the individual competitors or to make cancellations.

6.1. Cancellations

This function is to cancel single competitors or teams from an event or from the complete competition. Choose the club of the competitor or of the team. Cancel from competition or cancel from single event by a mouse-click on the buttons.



6.2. Input points (Strg+P)

In this function you have to input the points or you can read the points directly from the terminals.

Select the active event and choose the competitor.

6.2.1. Input points

If you are working without terminals, input the points manually!

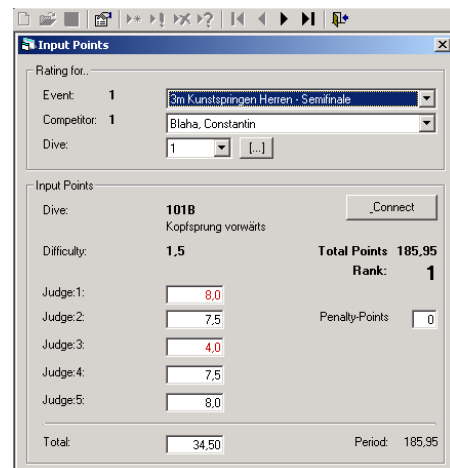
With the arrow buttons you can scroll through the start list.

The competitors and their dives are listed like in the start list. First event, first diver with his first dive. If there is a changing in the dive, you can edit the dive number or you can edit the dive directly if you press the button.

The Software will automatically mark the highest and lowest points and will calculate the total points against the FINA rules.

If you import the points from the „Input from COMET” window be sure to have in both windows the same name and the same dive!

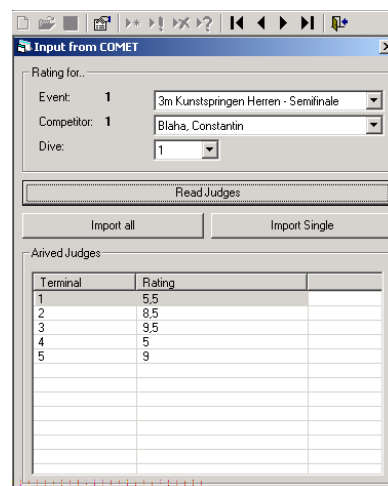
INPUT: The software will accept any input like 8.8 as 8.5 or 4.4 as 4.5. This function improves the input-speed to a maximum!



6.2.2. *Input points from COMET*

This window appears after you push the button „connect” in the „Input Points” window.

- ☞ With the button „Read judges” you will initialize the COMETs to display the actual start number and dive number.
- ☞ Now the judges have to score the dive and quit their input with the star-button (*) on the COMET.
- ☞ Any input of the judges will be displayed immediately in the „Arrived judges” list.
- ☞ To import these points into the ranking press the button „import all”.
- ☞ Be sure when you import the points that you import them to the correct competitor!
- ☞ In case of a wrong input of a judge you can edit manually or you can read this single judge again from the COMET.



7. Extra

In this menu you can find the scoreboard menu and other settings.

7.1. Show scoreboard

This function will open the scoreboard menu where you can choose the type of display board and all display functions.

7.1.2. *Cancel*

Blanks the complete display board

7.1.3. *Competition*

Shows the competition name and date on the display board.

7.1.4. *Event*

Shows the event name

7.1.5. *Competitor*

Shows the competitors name (actual competitor from the „Input points“ window)

7.1.6. *Rating*

Shows the rating of the actual competitor

7.1.7. *Ceremony*

Displays the first 3 ranks on the display board

7.1.8. *Yellow*

Switch all dots on yellow

7.1.9. *Test*

The test takes about 2 minutes to complete. During this time the display board shows different letters and signs.

Use this function if the display board wasn't used for a long time and some dots are not moving!

7.1.10. *Preview*

This function opens a window where you can see the actual display-output



7.1.11. *Settings*

With this function you can choose your display configuration and COM-Port settings.

The actual display window can look different depending on the displayboard you have selected!

8. COMET

8.1. General

The Comet is a microcomputer that works as input -/output device with the program TERMINAL. For each place from where you input points, you need a separate Comet (max. 10 Comet per COM-port).

The PC and the Comets always communicate together. This guarantees the best data safety. The communication works with a RS232c interface (V.24).

The computer and the Comets work as token-ring-system.

The Comets will be supplied and charged from the NG13, which is plugged into the junctionbox.

8.2. COMET Terminal

To use the COMET together with the ALGE Dive software, you need to choose the program "Computer" in the COMET menu.

The following programs are available but not described in this manual!

- ☞ Points 1
- ☞ Points 2
- ☞ Distance
- ☞ Speed
- ☞ Computer
- ☞ Ski jumping

8.3. Program Computer

Select the Program Computer as follows:

- ☞ Turn on the Comet with the power switch
- ☞ Press the button N as often as Computer as the program Computer is appearing in the display.
- ☞ You can choose the program with the buttons Y or N
- ☞ Now the COMET is ready to receive data from the PC

8.4. Input points

The COMET is very easy to handle for the judges. Due to the intelligent input feature trained judges can input their points also very fast.

- ☞ The COMET must be turned on, connected to the junctionbox and switched to the program "Computer".
- ☞ After the operator of the PC Software press the button „read judges“, all COMET will give a beep signal to show the judge that they are ready for inputs.
- ☞ The judge can see the start number and dive number in the display of the COMET.
- ☞ In the right corner of the display he can see the points he is editing.
If the judge inputs a wrong amount of points, 70 for example, it will show up on the PC as 7 Points. If the judge inputs 7.7 or 77 the PC will register 7.5 Points.

9. Timy

The Timy is a microcomputer that works as input -/output device with the program TERMINAL. For each place from where you input points, you need a separate Timy (max. 10 Timy per COM-port).

The PC and the Timy always communicate together. This guarantees the best data safety. The communication works with a RS232c interface (V.24).

The Master Timy is setting up a RS485 Bus system with the other Timys.

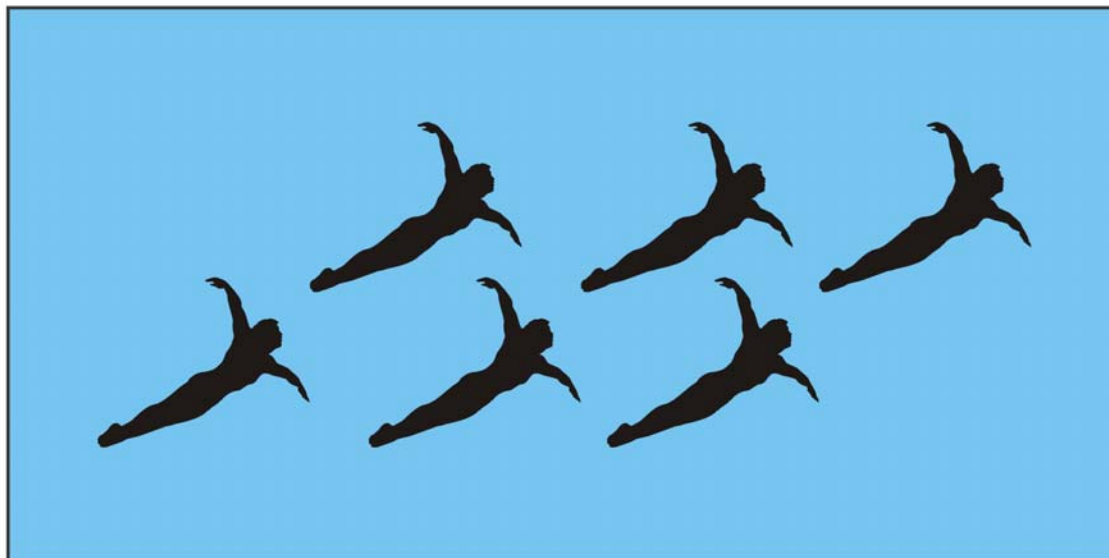
The Timys can be supplied with Batteries or with Powersupplies NG12A.

For the Setup of the Timy Network please see the manual for the Timy Terminal!

10. System setup

Depending on the installations you have in your swimming pool, parts of the drawing are different to your installation! Please see also your personal installation draft.

Judging System for Synchronized Swimming and Diving



Judge A Judge B Judge C Judge D Judge E Judge F Judge F Judge G Judge H



TIMY S
for each judge

Printer



RS485

Ethernet

