

# THE FOCUS OF THE EVENT!

## Scoreboards for Aquatic Sports

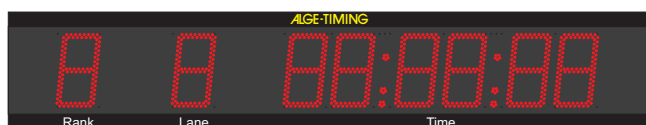
The ALGE D-SWxxx series is designed for the use in Indoor and Outdoor Swimming-Pools. It is possible to control it direct from the ALGE TMS, SWC, TIMY or with the Multisport-Console D-CKM.

Our LED-Scoreboards are equipped with high quality superb right LEDs which last for 100.000 hours of continuous use.

We produce scoreboards starting with a number height of 57mm up to special designs with 2000mm. The common sizes for swimming are 100, 150 and 250mm number height.

Indoor-Scoreboards are available in 100, 150 and 200mm as standard. The Outdoor models are available in 150 and 250mm number height.

### D-SWxx-8



Single-Line Scoreboard which is showing the running time, the intermediate time of the leader and after the finish it will scroll through the times of all lanes.

With the optional D-CKM Console this scoreboard can show for Water polo the Game time and the Goals till 9 for each team.

### D-xxxSWxx-7













The Multi-line Scoreboards are available in several configurations. Depending on the number height they are produced in single-line cases or in multi-line cases.

The 100 and 150mm Sizes are produced up to 6 lines in one case, the 250mm Models are produced normally in single-lines.

## D-SWxx-4

This Model is used additionally to one of the previously described scoreboards to show the actual Event- and Heat-Number.

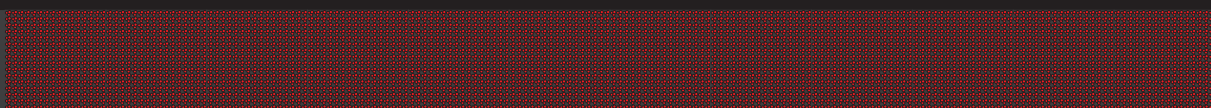
















In the 10 and 15cm Models it can be integrated right into the case of the scoreboards.

Event  Heat 		<b>ALGE-TIMING</b>	
1		5	
2		6	
3		7	
4		8	

## D-RTNMxx Info-Scoreboards

The D-RTNM-Scoreboards are designed for Universal use in Swimming-Stadiums. During swimming-Competitions they can show the Eventname, Heatnumber and any kind of Advertisings during or after the race.

Beside the competition-use they can show general information during the normal pool-operation. They are in different sizes and resolutions available.

							
RANK	LANE	TIME		RANK	LANE	TIME	PERIOD
1				5			
		HOME				GUEST	
2				6			
		PENALTY 1				PENALTY 1	
3				7			
		PENALTY 2				PENALTY 2	
4				8			

Sizes for different Swimming-Scoreboards are available:

## Shot Clock for Waterpolo:

### D- SC20-xH

- Figure height: 25 cm
- Measurements: 45 x 35 x 4 cm
- Weighth: 2 kg

### D- SC15-xH

- Figure height: 15 cm
- Measurements: 35 x 28 x 6 cm
- Weighth: 2 kg



### Technical Details:

- each set consists of two boards
- 15 or 25 cm figure height
- on request up to 100 cm possible
- power supply with 12V from main score board
- cable must be ordered separate, cable type 200-xx is used
- radio is not possible, since display needs power supply

## Personal Foul Display for Waterpolo:

	RANK	LANE	TIME	RANK	LANE	TIME	PERIOD	
1	1	8	00:00:00	5	8	00:00:00		1
2								2
3			HOME				GUEST	3
4	2	8	00:00:00	6	8	00:00:00		4
5								5
6			PENALTY 1				PENALTY 1	6
7	3	8	00:00:00	7	8	00:00:00		7
8								8
9			PENALTY 2				PENALTY 2	9
10	4	8	00:00:00	8	8	00:00:00		10
11								11
12								12
13								13

### D-WPF10 (für 4xSW10-x)

- LED diameter: 10 mm
- LED cluster diameter: 10 mm
- Number of LED per cluster: 1
- Dimensions: 350 x 900 x 70 mm each side
- Weight: 6.5 kg each side

### D-WPF15 (für 4xSW15-x)

- LED diameter: 5 mm
- LED cluster diameter: 20 mm
- Number of LED per cluster: 5
- Dimensions: 400 x 1100 x 70 mm each side
- Weight: 10 kg each side

### D-WPF25 (für 4xSW25-x)

- LED diameter: 5 mm
- LED cluster diameter: 35 mm
- Number of LED per cluster: 10
- Dimensions: 500 x 1400 x 70 mm each side
- Weight: 15 kg each side

All display boards shown above are for outdoor or indoor available!

# Technical Data:

- LED-numeric 7-segment figures with 3 points between the figures
- Internal clock
- Internal push button
- RS232 compatible interface
- Connections:
  - Banana socket for data (RS 232c)
  - Banana socket for external push button
  - Amphenol socket (4-pin) for data or power supply (12 VDC)
- Built in power supply (100 - 240 VAC, 50-60 Hz)
- Fastening:
  - 2 hangers at the top
  - $\frac{3}{8}$  " thread for tripod
- Black aluminium case with red Plexiglas front
- Operating temperature: -20° to 60°C



Digit with 450 mm figure height



Digit with 250 mm figure height



Digit with 150 mm figure height



Digit with 100 mm figure height



Digit with 57 mm figure height

## Configurations

- 57, 100 and 150mm Modells are designed in 1, 2, 3, 4, 5 and 6-line cases.
- 250mm Modells are manufactured in single-line cases.
- For all Modells there is an Event-Heat-Section available.
- Extendable with D-RTNM-xx Infodisplaysystems.

## Accessory:

- Shotlocks for Waterpolo
- Personal Foul Indicator for Waterpolo
- DCF-radio receiver
- GPS-radio receiver
- GPS-radio receiver
- Temperature sensor (max. 2 sensors)
- Humidity sensor
- Ethernet Socket (for time synchronization through Ethernet)
- RS 485 interface
- Clip panel e.g. min., sec., 1/100 (for size starting with 150 mm figure height)

# Dimensions:

10 cm Scoreboards for SWIMMING		Dimensions
1 line with 4 digit, 10 cm, built in power supply to show the Event and Heatnumber	D-1xSW10-4	1250x180x60
1 line with 7 digit, 10 cm, built in power supply	D-1xSW10-7	1250x180x60
1 line with 8 digit, 10 cm, scrolling, built in power supply	D-1xSW10-8	1250x180x60
3 lines, each 7 digit, 10 cm, built in power supply	D-3xSW10-7	1250x700x60
4 lines, each 7 digit, 10 cm, built in power supply	D-4xSW10-7	1250x900x60
5 lines, each 7 digit, 10 cm, built in power supply	D-5xSW10-7	1250x1100x60
5 lines, each 8 digit, 10 cm, built in power supply	D-5xSW10-8	1250x1100x60
6 lines, each 7 digit, 10 cm, built in power supply, two parts	D-2x3xSW10-7	1250x700x60, 2pcs
8 lines, each 7 digit, 10 cm, built in power supply, two parts	D-2x4xSW10-7	1250x900x60, 2pcs
10 lines, each 7 digit, 10 cm, built in power supply, two parts	D-2x5xSW10-7	1250x1100x60, 2pcs
10 lines, each 7 digit, 10 cm, built in power supply, two parts	D-2x5xSW10-8	1250x1100x60, 2pcs
15 cm Scoreboards for SWIMMING		Dimensions
1 line with 4 digit, 15 cm, built in power supply to show the Event and Heatnumber	D-1xSW15-4	1500x250x60
1 line with 7 digit, 15 cm, built in power supply	D-1xSW15-7	1500x250x60
1 line with 8 digit, 15 cm, scrolling, built in power supply	D-1xSW15-8	1500x250x60
3 lines, each 7 digit, 15 cm, built in power supply	D-3xSW15-7	1500x900x60
4 lines, each 7 digit, 15 cm, built in power supply	D-4xSW15-7	1500x1150x60
5 lines, each 7 digit, 15 cm, built in power supply	D-5xSW15-7	1500x1400x60
5 lines, each 8 digit, 15 cm, built in power supply	D-5xSW15-8	1500x1400x60
6 lines, each 7 digit, 15 cm, built in power supply, one part	D-6xSW10-7	1500x1650x60
6 lines, each 7 digit, 15 cm, built in power supply, two parts	D-2x3xSW15-7	1500x900x60, 2pcs
8 lines, each 7 digit, 15 cm, built in power supply, two parts	D-2x4xSW15-7	1500x1150x60, 2pcs
10 lines, each 7 digit, 15 cm, built in power supply, two parts	D-2x5xSW15-7	1500x1400x60, 2pcs
10 lines, each 8 digit, 15 cm, built in power supply, two parts	D-2x5xSW15-8	1500x1400x60, 2pcs

25 cm Scoreboards for SWIMMING		Dimensions
1 line with 4 digit, 25 cm, built in power supply to show the Event and Heatnumber	D-1xSW25-4	2200x350x60
1 line with 7 digit, 25 cm, built in power supply	D-1xSW25-7	2200x350x60
1 line with 8 digit, 25 cm, scrolling, built in power supply	D-1xSW25-8	2200x350x60
3 lines, each 7 digit, 25 cm, built in power supply	D-3xSW25-7	2200x1050x60
4 lines, each 7 digit, 25 cm, built in power supply	D-4xSW25-7	2200x1400x60
5 lines, each 7 digit, 25 cm, built in power supply	D-5xSW25-7	2200x1750x60
5 lines, each 8 digit, 25 cm, built in power supply	D-5xSW25-8	2200x1750x60
6 lines, each 7 digit, 25 cm, built in power supply, one part	D-6xSW10-7	2200x2100x60
6 lines, each 7 digit, 25 cm, built in power supply, two parts	D-2x3xSW25-7	2200x1050x60, 2pcs
8 lines, each 7 digit, 25 cm, built in power supply, two parts	D-2x4xSW25-7	2200x1400x60, 2pcs
10 lines, each 7 digit, 25 cm, built in power supply, two parts	D-2x5xSW25-7	2200x1750x60, 2pcs
10 lines, each 8 digit, 25 cm, built in power supply, two parts	D-2x5xSW25-8	2200x1750x60, 2pcs
SHOTLOCKS		Dimensions
Shot Clock, 15 cm, two pieces, for use with D-CKM-W including stand and piezo horn	D-SC15W-xH	350x250x60
Shot Clock, 25 cm, two pieces, for use with D-CKM-W including stand and piezo horn	D-SC25W-xH	500x350x60
Personal Foul Section for Waterpolo		Dimensions
depending on scoreboard the size will be adjusted		1 x w x 60



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