

Scoring & Timing Solution

For Water polo

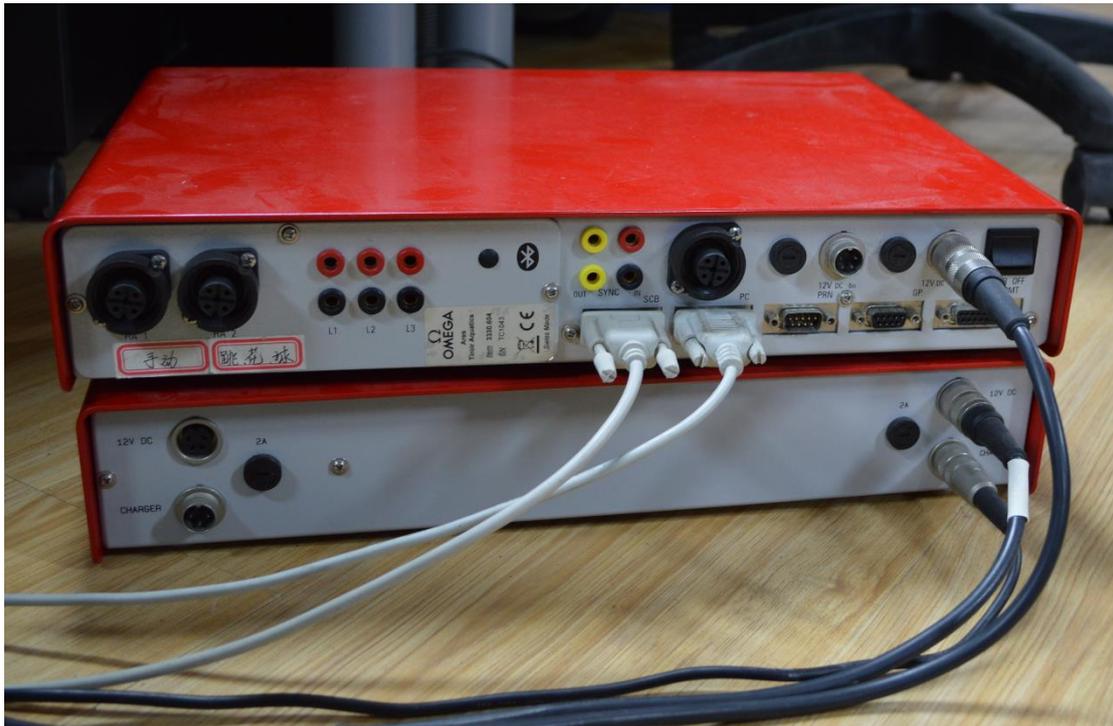
This is a general solution of LED display special for water polo match, which using the device of Omega Area 21. It has the functions of timing, scoring, shot clock, displaying advertisement, notification, the information of referees and teams. It is an ideal choice for most of stadiums.

1. System Structure

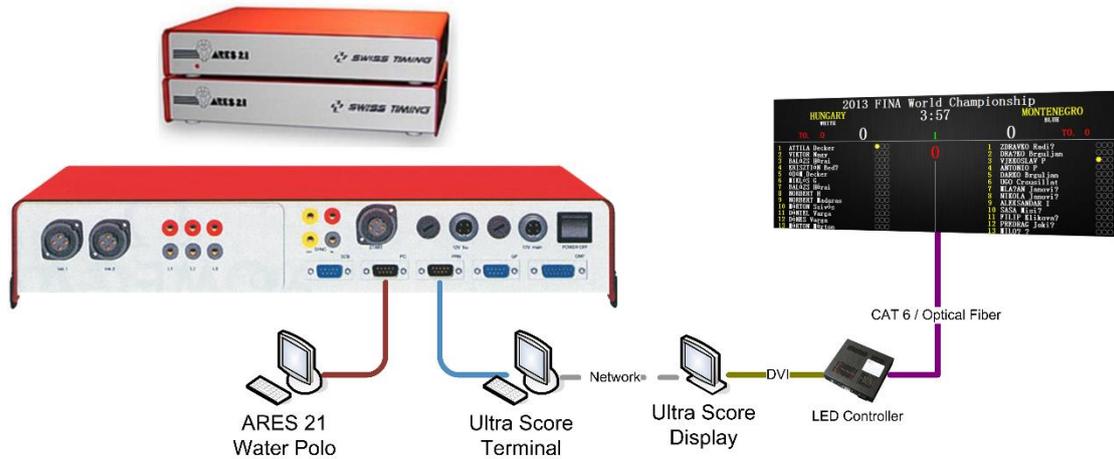
1.1 Ares 21 Timing Device



Website: www.swisstiming.com



1.2 System Chart



1.3 Description

- 1) LED screens are controlled by one or two PC which connects with LED sending card.
- 2) The PC is installed Ultra score software for the scoreboard display.
- 3) Score console special for referees' operation is connected with the PC by Network cable or wireless.
- 4) Shot clock controlled by score console will display the offense time simultaneous with the scoreboard.

1.4 Features

- 1) Synchronously display the match timer and shot clock.
- 2) Modify the score and foul of the team.
- 3) Display the timeout counter when there is a timeout.

2. Specification for products

2.1 Ultra Score Software

Products	Details
Ultra Score	<ul style="list-style-type: none">◆ Standalone edition◆ Supports: Water polo◆ Including 1 dongle
Ultra Score	<ul style="list-style-type: none">◆ Network standard edition (Terminal + 1 Display)◆ Supports: Water polo◆ Including 1 dongle
Ultra Score	<ul style="list-style-type: none">◆ Network professional edition (Terminal + Referee + 2 Display)◆ Supports: Water polo◆ Including 1 dongle

Difference:

Standalone Edition: Match management, Scoring, and Media display functions, all on one PC. The referee must operate on the PC for display directly.

It is suitable for the stadium where has just one screen, and don't have strict needs of the scoring and timing accuracy.

Network Standard Edition: The scoreboard and media display function can be put on an independent PC. So the referee can operate on the PC beside the field which don't need to connect to the screen directly.

It is Suitable for the stadium where has one screen, but need to scoring and timing beside the field.

Network Professional Edition: The referee can score beside the field. And the operation of advertising can be on an independent PC. There can also be several PCs for displaying scoreboard and advertising.

It is suitable for the stadium where has two or more screens, the referee need scoring beside the field, or the screens need display different contents. (For example one LED screen is for scoreboard and another is for advertising or player info).

OMEGA ARES 21 software interface

The screenshot displays the OMEGA ARES 21 software interface for a water polo match. The main window is titled "ARES-Waterpolo (aresdb\WP1) 16:17:36" and includes a menu bar with "File", "Scoreboard", "Configuration", "Table", "IF-ARES", and "Windows?".

Four main panels are visible:

- Timer:** Shows "Playtime" at 5:20, "Period 2", and a "Start/Stop" button. A "Reset" button is set to 30 seconds. A "Power Main & Backup" indicator is shown at the bottom.
- Timetable:** Lists match details:

Action	View	Score	Date	Time
1:	-	0-0	07/25/14	00:00
2:	-	0-0	07/25/14	00:00
3:	-	0-0	07/25/14	00:00
4:	BALÁZS Hárái -	0-0	01/22/15	00:00
5:	HUNGARY - MONTENEGRO	0-0	01/22/15	00:00
- HUNGARY:** Shows player statistics for Hungary. A goal of 1 is recorded. Fouls are 1 P, 2. Score is 1-2, 7:51.0.

Nr	P	G	Name	IF5>
1	X	0	-ATTILA Decker	
2	0	-	-VIKTOR Nagy	
3	0	-	-BALÁZS Hárái	
4	0	-	-KRISZTIÁN Bedi?	
5	0	-	-ÁDÁM Decker	
6	0	-	-MIKLÓS G	
7	0	-	-BALÁZS Hárái	
8	0	-	-NORBERT H	
9	0	-	-NORBERT Madaras	
10	0	-	-MÁRTON Szivós	
11	0	-	-DÁNIEL Varga	
12	0	-	-DÉNES Varga	
13	0	-	-MÁRTON Márton	
- MONTENEGRO:** Shows player statistics for Montenegro. A goal of 1 is recorded. Fouls are 3 P, 2. Score is 3-1, 2, 7:51.0.

Nr	P	G	Name	IF9>
1	0	-	-ZDRAVKO Radi?	
2	0	-	-DRAŽKO Brguljan	
3	X	0	-VIJEKOSLAV P	
4	0	-	-ANTONIO P	
5	0	-	-DARKO Brguljan	
6	0	-	-UGO Crouillat	
7	0	-	-MLAĐAN Janovi?	
8	1	-	-NIKOLA Janovi?	
9	0	-	-ALEKSANDAR I	
10	0	-	-SASA Misi?	
11	0	-	-FILIP Kikova?	
12	0	-	-PREDRAG Joki?	
13	0	-	-MILOJ??	

Scoring interface for water polo

2013 FINA World Championship												
HUNGARY						3:57	MONTENEGRO					
WHITE							BLUE					
TO.	0	0	1	0	0	TO.	0					
1	ATTILA Decker	●○○				1	ZDRAVKO Radi?	○○○				
2	VIKTOR Nagy	○○○	0			2	DRAŽKO Brguljan	○○○				
3	BALÁZS Hórai	○○○				3	VJEKOSLAV P	●○○				
4	KRISZTIÁN Bed?	○○○				4	ANTONIO P	○○○				
5	ÁDÁM Decker	○○○				5	DARKO Brguljan	○○○				
6	MIKLÓS G	○○○				6	UGO Crousillat	○○○				
7	BALÁZS Hórai	○○○				7	MLAĐAN Janovi?	○○○				
8	NORBERT H	○○○				8	NIKOLA Janovi?	○○○				
9	NORBERT Madaras	○○○				9	ALEKSANDAR I	○○○				
10	MÁRTON Szivós	○○○				10	SASA Misi?	○○○				
11	DÁNIEL Varga	○○○				11	FILIP Klikova?	○○○				
12	DÉNES Varga	○○○				12	PREDRAG Joki?	○○○				
13	MÁRTON Márton	○○○				13	MILOŠ ?	○○○				

2013 FINA World Championship												
HUNGARY						3:33	MONTENEGRO					
WHITE							BLUE					
TO.	0	0	1	0	0	TO.	0					
1	●○○					1	○○○					
2	○○○					2	○○○					
3	○○○					3	●○○					
4	○○○					4	○○○					
5	○○○					5	○○○					
6	○○○					6	○○○					
7	○○○					7	○○○					
8	○○○					8	○○○					
9	○○○					9	○○○					
10	○○○					10	○○○					
11	○○○					11	○○○					
12	○○○					12	○○○					
13	○○○					13	○○○					

3. Scene photos

