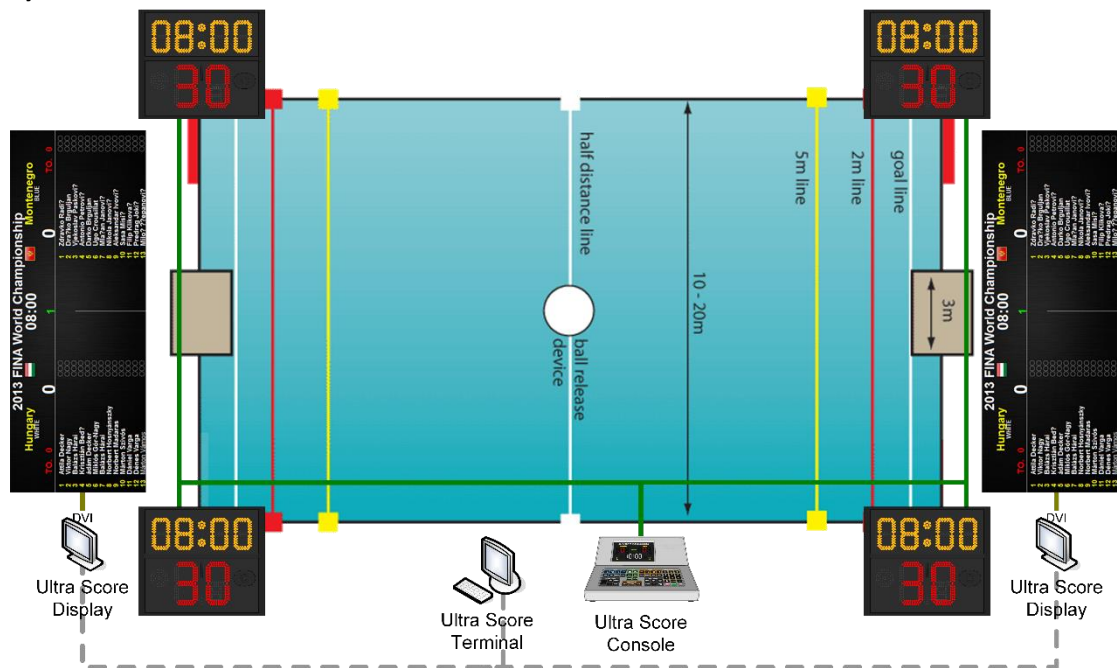


## For Water polo

This is a general solution of LED display special for water polo match, which 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 Chart



## 1.2 System Structure 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 wirelessly.
- 4) Shot clock controlled by score console will display the offense time simultaneous with the scoreboard.

## 2. Specification for products

### 2.1 Ultra Score Software

Products	Details
Ultra Score	<ul style="list-style-type: none"><li>◆ Standalone edition</li><li>◆ Supports: Water polo</li><li>◆ Including 1 dongle</li></ul>
Ultra Score	<ul style="list-style-type: none"><li>◆ Standard network edition (Terminal + 1 Display)</li><li>◆ Supports: Water polo</li><li>◆ Including 1 dongle</li></ul>
Ultra Score	<ul style="list-style-type: none"><li>◆ Professional network edition (Terminal + Referee + 2 Display)</li><li>◆ Supports: Water polo</li><li>◆ Including 1 dongle</li></ul>

#### **Difference:**

##### **Standalone Edition:**

Match management, Scoring, and Media display functions, all in one installed on a PC. Referee must do operation on the PC for display directly.

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

##### **Standard Network Edition:**

Score terminal and media player functions can be installed on 2 PCs respectively. So that one independent PC can be setup on the court side special for referee's operation, the other PC running as media player to manage the LED display.



It is suitable for the stadium where has one screen, needs to do the scoring and timing on the court side.

##### **Professional Network Edition:**

Except the function of score terminal, 1-3 media players can be equipped on PCs separately, in order to display different contents on several LED screens.

It is suitable for the stadium where has more than 2 screens where referee need to do scoring on the court side and LED screens need to display different contents separately. (For example, one LED screen is for scoreboard and another is for advertising or player info).

**Score:**

2013 FINA World Championship									
Hungary WHITE				08:00		Montenegro BLUE			
TO. 0			0	Period 1	0	TO. 0			
1	Attila Decker	○○○				1	Zdravko Radić	○○○	
2	Viktor Nagy	○○○				2	Draško Brguljan	○○○	
3	Balázs Hárai	○○○				3	Vjekoslav Pasković	○○○	
4	Krisztián Bedő	○○○				4	Antonio Petrović	○○○	
5	Ádám Decker	○○○				5	Darko Brguljan	○○○	
6	Miklós Gór-Nagy	○○○				6	Ugo Crousillat	○○○	
7	Balázs Hárai	○○○				7	Mladen Janović	○○○	
8	Norbert Hosnyánszky	○○○				8	Nikola Janović	○○○	
9	Norbert Madaras	○○○				9	Aleksandar Ivović	○○○	
10	Márton Szívós	○○○				10	Sasa Misić	○○○	
11	Dániel Varga	○○○				11	Filip Klikovać	○○○	
12	Dénes Varga	○○○				12	Predrag Jokić	○○○	
13	Márton Vámos	○○○				13	Miloš Šćepanović	○○○	

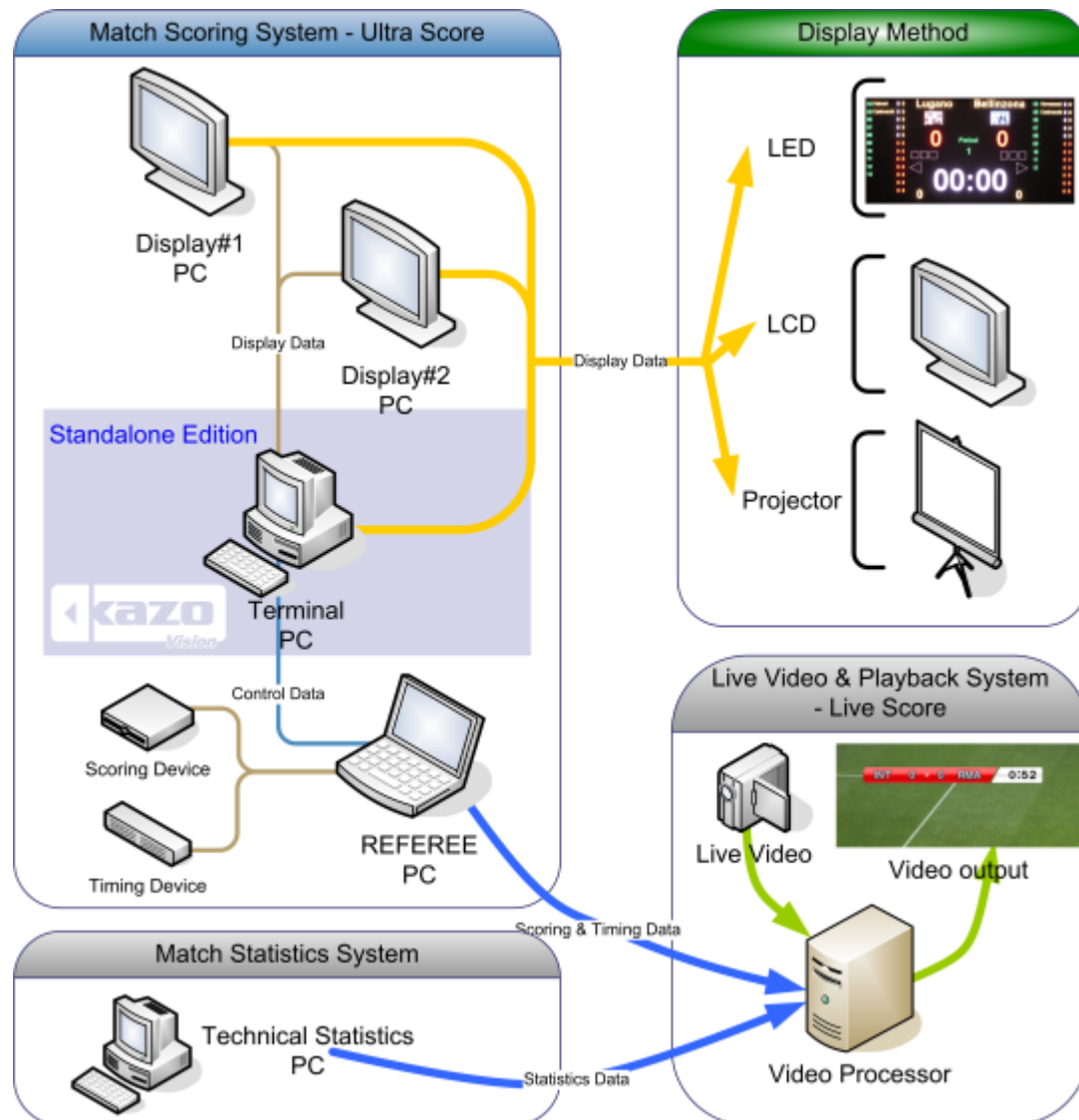
**Player:**

2013 FINA World Championship			
Hungary		Montenegro	
Manager:		Manager:	
Coach:		Coach:	
Players:	No	Name	Pos
1	Attila Decker		
2	Viktor Nagy		
3	Balázs Hárái		
4	Krisztián Bedő		
5	Ádám Decker		

**Referee:**

2013 FINA World Championship	
Name	Region

# System Diagram:



## Features

- (1) Professional scoreboard display: Scoring and timing operation, layout of scoreboard can meet international game rules.
- (2) Match management: Information of match, team, team members and coaches can be saved in advance. And referee's scoring operation during the match can be recorded and output.
- (3) Scoring functions: Include operation and display of teams and players' point, foul and substitutions.
- (4) Timing functions: Include operation and display of game time, pause, break time, count down time and system time.
- (5) Convenient operation feeling: Referees can do operation on a special score console as well as by using shortcuts on the keyboard.
- (6) Powerful media player: Kinds of media formats are supported. It is easy to switch between the scoreboard and video.
- (7) Notification: Rolling to display short notice on the screen which allows to set the speed, colors, fonts freely.
- (8) Customization: All contents on the scoreboard including fonts, color and layout can be modified to meet clients' needs.
- (9) Self-adaptation: With easy configuration, score information can be displayed on kinds of LED and LCD screen by using this system which can adjust the layout to meet any sizes of screen.
- (10) Security: Auto backup function will help you recover the match immediately from the computer fault.

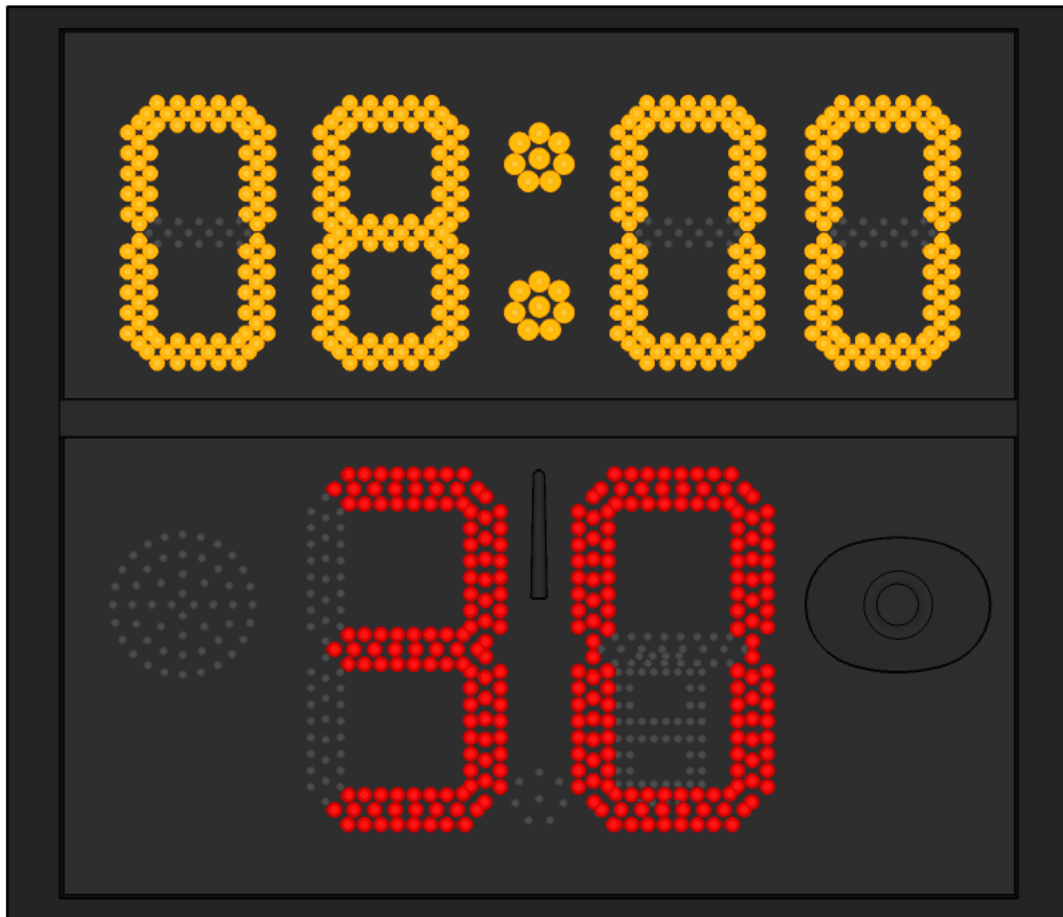
## 2.2 Wired / Wireless Score Console

Item	Details
Wired / Wireless score console	<p>Type: KS-GC16    Size: 330x290x140(mm)</p> <ul style="list-style-type: none"> <li>◆ Used with the Ultra score software</li> <li>◆ Communication: 1*Ethernet, 1*WIFI</li> <li>◆ With 7" full color LCD screen</li> <li>◆ Material: Plastic</li> <li>◆ Support: Waterpolo</li> <li>◆ Functions: Modify score, foul, control the competition time and shot clock, etc.</li> </ul>



### 2.3 Shot Clock

Item	Details
Shot Clock	<p>Type: KS-BASH-C/S                      Size: 710x610x60 (mm)</p> <ul style="list-style-type: none"><li>◆ Single side</li><li>◆ Weight: 10KG*4</li><li>◆ Power: 60W*w4</li><li>◆ Material: Aluminium</li><li>◆ Communication: Wired + Wireless(433MHz)</li><li>◆ Match Timer: Decisecond display in last 1 minute</li><li>◆ Shot Clock: Decisecond display in last 5 second</li><li>◆ Buzzer: Two different buzzer sound for match timer and shot clock</li><li>◆ Synchronous controlled by score console</li></ul>



## 2.4 Communication Spool

Item	Details
Communication Spool	Type: KS-WPSH-W ◆ Size: 365x240x415 (mm) ◆ Material: Iron





## 2.5 Electronic Buzzer

Item	Details
Electronic Buzzer	Type: KS-BUZR Buzzer for tips as the competition required.



### Parameters

Buzzer	KS-BUZR
<b>Basic parameters</b>	
Input Voltage	AC~220V±5%
Total Power	35W
Color	Black
Weight	1KG
<b>Product Configuration</b>	
Packing List	Host *1 Handy Controller*1 Power Cable*1 Power Adapter *1
Refresh frequency	80HZ--90HZ

### 3. Scene photos

