

Scoring & Timing Solution for Synchronized Swimming

This is a general solution for LED display in Synchronized Swimming stadium. It has the functions of timing, scoring, arranging the match, displaying advertisement, notification, the information of players and teams. It is an ideal choice for most of stadiums.

1. System Chart



1.1 System Structure Description

- 1) One or two LED screens are equipped for one court, controlled by one computer to display scoreboard, live video and advertisement.
- 2) Ultra Score Software is installed on the computer for LED control to accomplish the functions of event arrangement, scoring and timing, players' and information and advertisement.
- 3) Wireless Host (KS-WH-G) is connected with the control computer via a USB cable.
- 4) 15 sets of Wireless Handheld are equipped for one court, working as scoring and timing terminal special for referees' operation.

1.2 Product Configuration

(For one court)

Product	Type	Quantity
Ultra Score Software	Standard Network Edition	1
Wireless Host	KS-WH-G	1
Wireless Handheld	KS-GC17	15
PC	/	1

2. Specification for products

2.1 Ultra Score Software

Products	Details
Standalone edition	<ul style="list-style-type: none">◆ Installed on one PC.◆ Supports: Synchronized Swimming◆ English version◆ Including 1 dongle
Standard network edition	<ul style="list-style-type: none">◆ Terminal + 1 Display◆ Supports: Synchronized Swimming◆ English version◆ Including 1 dongle
Professional network edition	<ul style="list-style-type: none">◆ Terminal + Referee + 2 Display◆ Supports: Synchronized Swimming◆ English version◆ Including 1 dongle

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.

Network Standard 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.

Network Professional 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).

Scoring interface for Synchronized Swimming:

Welcome:

FINA World Championships

C Figure

1


Russian

CHIGIREVA Vlada

Order:

FINA World Championships		
C Figure		
	Team	Players
2	Russian	KOLESNICHENKO S.
3	Russian	PATSKEVICH A.
4	Russian	SHISHKINA Alla
5	Russian	TIMANINA Anzhelika
6	Russian	KALANCHA Mikhaela
7	Russian	NIZAMOVA Liliia
8	Russian	PROKOFYEVA Elena
9	Russian	SHUROCHKINA Maria
10	Russian	TOPILINA Gelena
11	People's Republic	GU Xiao

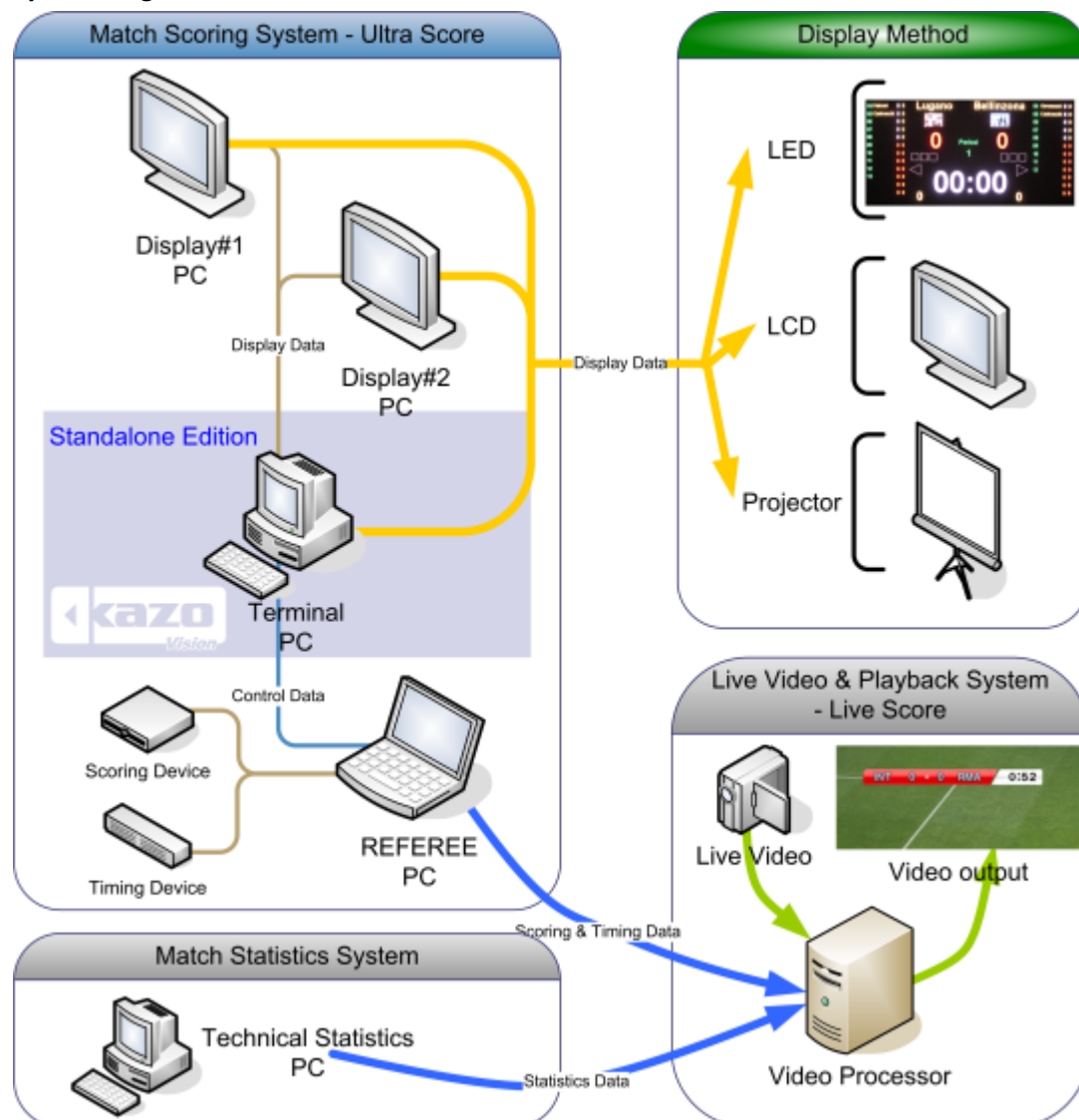
Score:

FINA World Championships								
C Figure								
1								
Russian CHIGIREVA Vlada								
								
J1	J2	J3	J4	J5	J6	J7	Score	Pen
9.7	9.8	9.9	9.5	9.4			23.201	0

Result:

FINA World Championships							
C Figure							
	Team	Players	#1	#2	#3	#4	Total Rank
3	Russian	PATSKEVICH A.	23.520				98.000 1
1	Russian	CHIGIREVA Vlada	23.201				96.671 2
2	Russian	KOLESNICHENKO S.	23.119				96.329 3

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 Wireless Host

Products	Detail
Wireless Host	<p>Type: KS-WH-G Size: 140x120x30 (mm) Communication: 433MHz Function:</p> <ul style="list-style-type: none">◆ System: Must be used together with Synchronized Swimming Scoring Software.◆ Support: Synchronized Swimming.◆ 15 sets of wireless handhelds can be activated simultaneously for one court.◆ Communication Setting: allow to customize the communication frequency band.◆ Communication distance: 20m



2.3 Wireless Handheld

Item	Details
Wireless Handheld	Type: KS-GC17 Size: 120x220x70(mm) <ul style="list-style-type: none">◆ Used with the Ultra score software.◆ Communication: 433MHz◆ Modify the score of the player.◆ Support: Synchronized Swimming.◆ Communication distance: 20m.◆ Standby time: 8 hours.



2.4 Wireless Score Tablet

Products	Details
Wireless Score Tablet	<p>Type: KS-GC14</p> <ul style="list-style-type: none"> ◆ Including one license of Lightscore software ◆ Support: Synchronized Swimming ◆ Ram: 8G ◆ Supporting: WIFI ◆ Full colored touch screen

