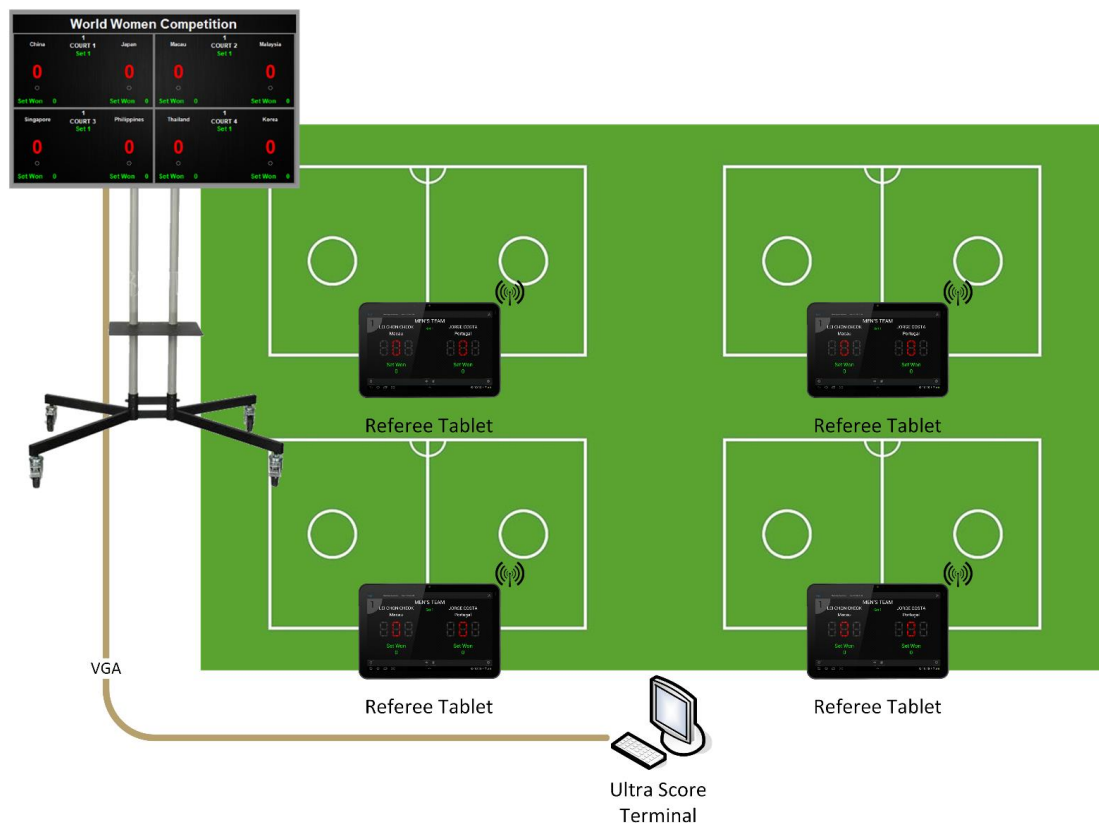


# Scoring & Timing Solution for Sepak Takraw

## 1. System Chart



### 1.1 Profile

2. The system has the functions of scoring, timing and displaying in the mode of one court and multi courts.
3. It supports tournament schedule and result exporting.
4. It also has lots of multi-media functions which can switch between scores and advertisements display.
5. In every court, one set of wireless scoring tablet shall be equipped to manage and display the information of the score, players and sets.
6. The score information of every court will be gathered to display on the LED screen at the same time.

### 1.2 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.

### 1.3 Product Configuration (for one court)

Product	Type	Qt.
Ultra Score Software	Standard Network Edition	1
Wireless Score Tablet	KS-GC14	1
Score Display Controller	KS-DPC-G	1
LCD Display	48inch LCD	1
Router	D-Link	1
PC	Dell	1

## 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: Sepak Takraw</li><li>◆ English version</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: Sepak Takraw</li><li>◆ English version</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: Sepak Takraw</li><li>◆ English version</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 courtside 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 courtside.

##### 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 courtside 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).

One court mode for Sepak Takraw

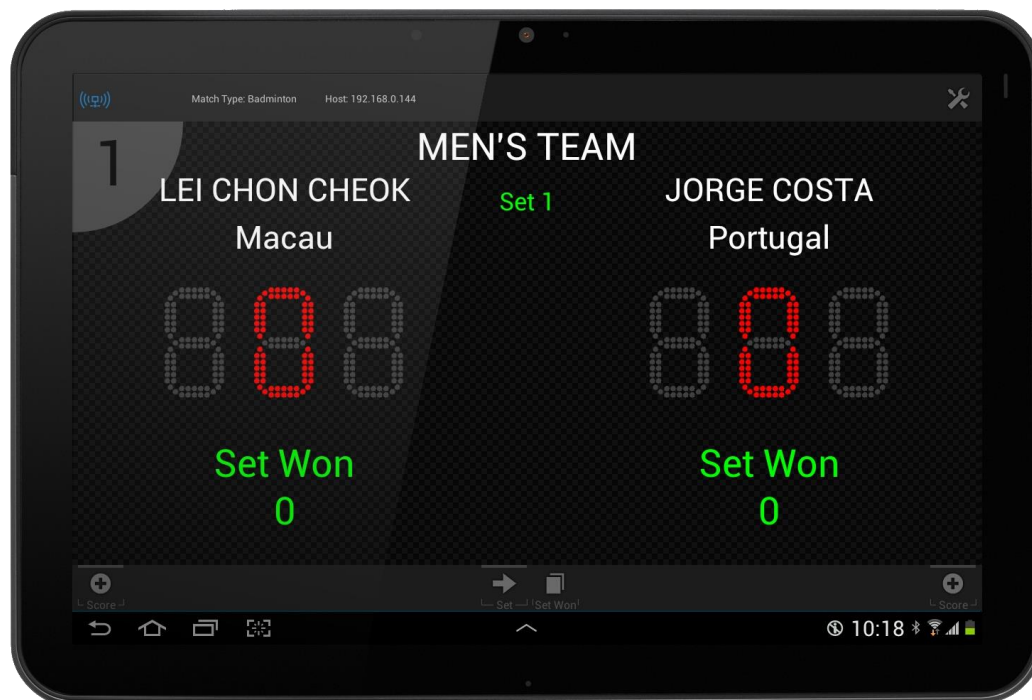
World Woman Competition			
China	1 COURT 1 Set 1	Japan	
1		0	
○		○	
Set Won 0		Set Won 0	

Multi Court mode for Sepak Takraw

World Women Competition					
China	1 COURT 1 Set 1	Japan	Macau	1 COURT 2 Set 1	Malaysia
0		0	0		0
○		○	○		○
Set Won 0		Set Won 0	Set Won 0		Set Won 0
Singapore	1 COURT 3 Set 1	Philippines	Thailand	1 COURT 4 Set 1	Korea
0		0	0		0
○		○	○		○
Set Won 0		Set Won 0	Set Won 0		Set Won 0

## 2.2 Wireless Score Tablet

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

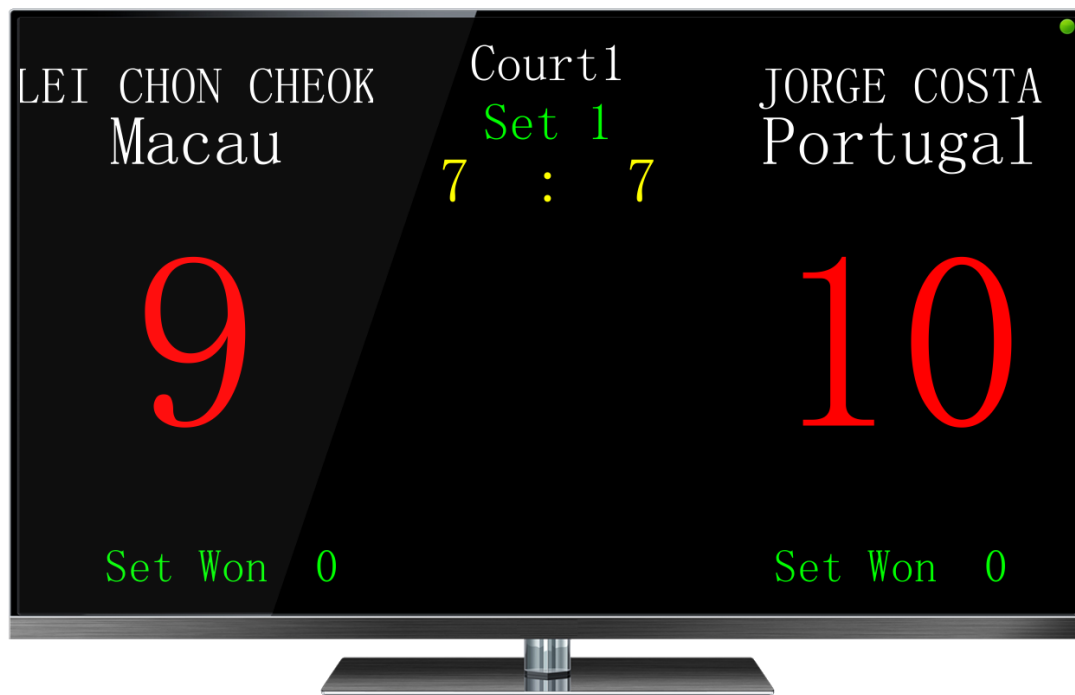


### 2.3 Score Display Controller

Products	Details
Score Display Controller	<p>Type: KS-DPC-G    Size: 142*87*62(mm)</p> <ul style="list-style-type: none"><li>◆ In multi-court mode, used to display the information of the score, players and set for each court.</li><li>◆ Output: 1024×768</li><li>◆ Output score display to one LCD monitor.</li><li>◆ Screen will be updated in real time based on the referee's operation.</li></ul>



Display interface



## Device parameters

Model	KS-BM10
Platform	Freescale
Chassis	
Color	Black
Dimension	142mm × 87mm × 62mm (W×D×H)
Material	Aluminium alloy
CPU	Freescale Cortex™-A9 i.MX 6 series (Single-core/dual-core/ Quad Core CPUs)
Memory	Onboard 1GB/2GB DDR3 800MHz RAM
Storage	
Flash	Onboard 4GB/8GB iNAND flash
TF/HDD	1x SATA2,1x Micro SD(determined by the CPU model, optional)
System	
LAN	10/100/1000Mbps ,1x LAN,1x USB-WIFI, 3G (optional)
USB2.0	2x USB2.0 on front panel ,1x USB OTG
Serial Port	5X 4 -wire serial port, COM2: RS422/485
Display	1x HDMI, 1x VGA
Audio	1x Mic, 1x Headphone
Power	
Power Supply	DC +12V Power Adapter
Reliability	
Installation	Desktop Installation or Wall mount
Operating Temperature	-20°C~60°C
Storage Temperature	-40°C~80°C
Relative Humidity	5%~95%, relative humidity, non-condensing
Vibration Test	0.5grms/5~500Hz/random operating
EMC	CE/FCC Class B