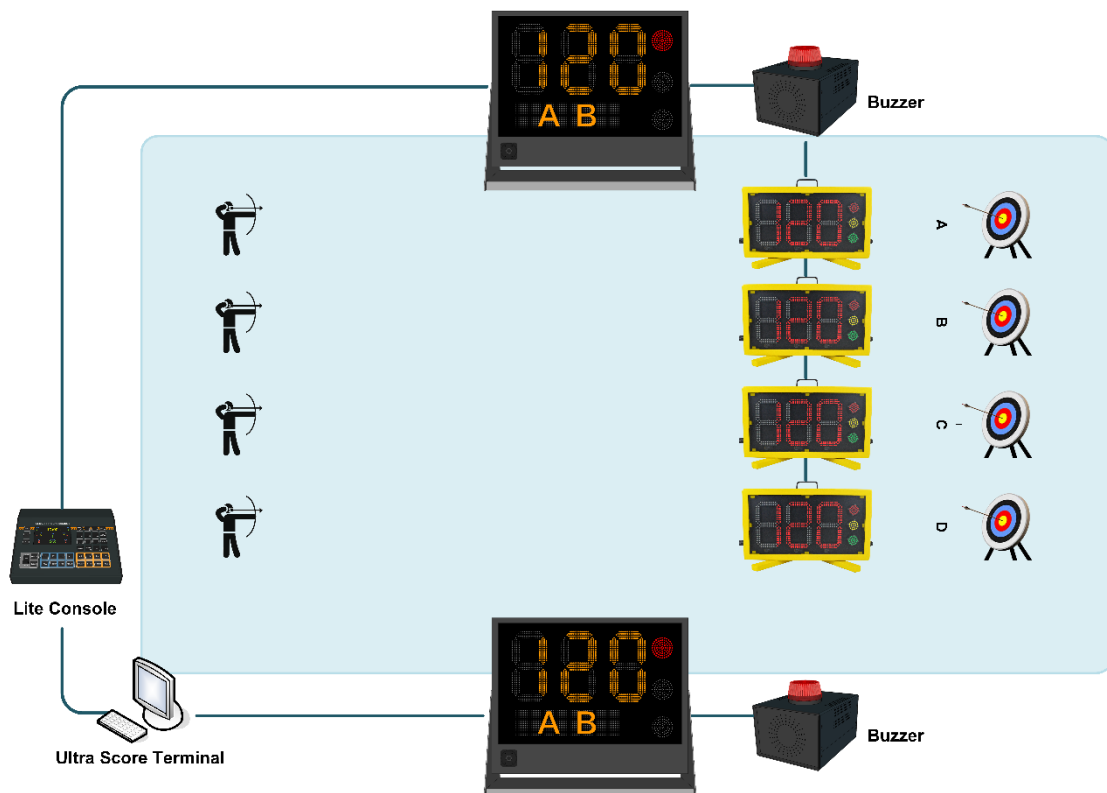


Scoring & Timing Solution For Archery

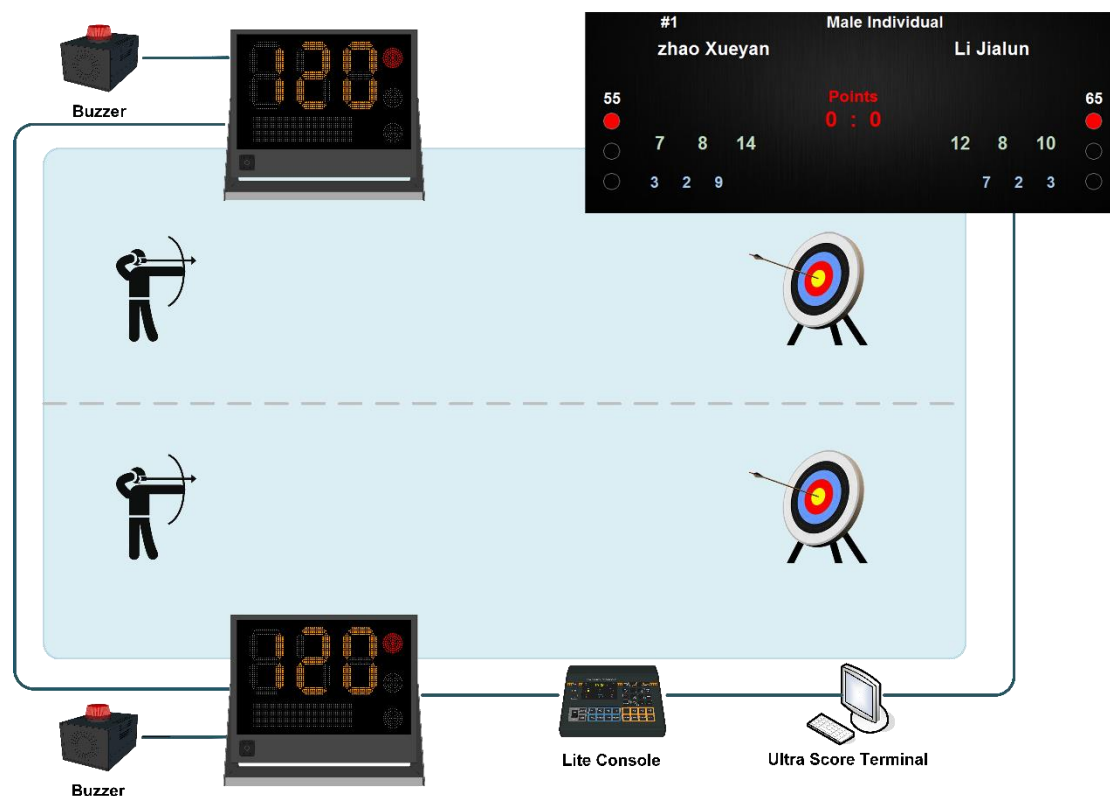
This is a general solution for LED display in archery stadium which has the functions of timing, scoring, displaying advertisement, notification, the information of referees and teams. It is an ideal choice for most of stadiums.

1. System Introduction

1.1 System Chart for Qualifying



1.2 System Chart for Knockout



1.3 System Structure Description

- 1) Full-color LED screen: One or two LED screens are equipped for one court, controlled by one computer to display information of players, rankings, live video and advertisement.
- 2) Ultra Score Software: Installed on the computer for LED control to accomplish the functions of event arrangement, scoring and timing, display of rankings, players and referees' information, and advertisement.
- 3) Lite Console: One lite console is equipped for one court, connected to archery timing screen and PC running Ultra score software by wire, working as scoring and timing terminal special for referees' operation.
- 4) Archery Timing Screen: Connected with lite console to display match timing and information of players and teams.
- 5) Archery Buzzer: Connected with timing screen to make attention as required.
- 6) Archery Mini Timer: Connected with archery timing screen to display match status and timing.

1.4 Functions

Event arrangement

- One key to import and to input the players' information are both available.
- To draw lots.
- To generate, export and print the bracket.
- To generate, export and print the order form.

Scoring & timing operation

- Supported match rules includes: Individual qualifying, Individual knockout, Team knockout, and Combination match.
- To display countdown in a real time.
- To manage the match states.
- To manage the match round.
- To make a point.

Results treatment

- Quick printing and exporting the result form.
- Quick printing and exporting player rankings list.
- Quick printing and exporting the form of referee operations.

System advantages

- Information will be saved automatically in case of power out and other emergency situations.
- Providing free software upgrading service in lifetime.

2. Specification for products

2.1 Ultra Score Software

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

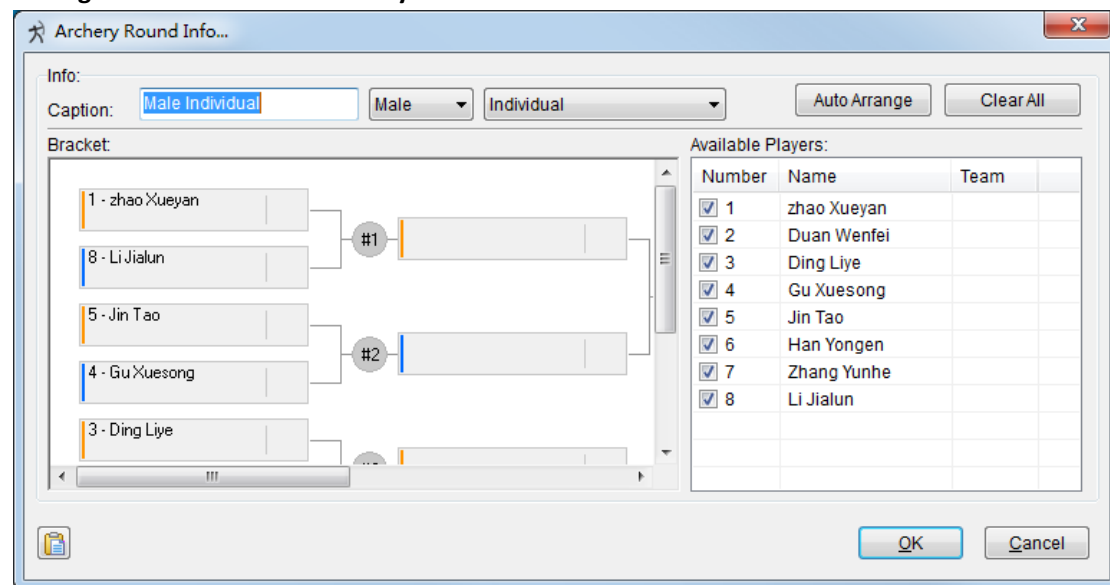
It is suitable for the stadium where has one screen, needs to do the scoring and timing on the court side.

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).

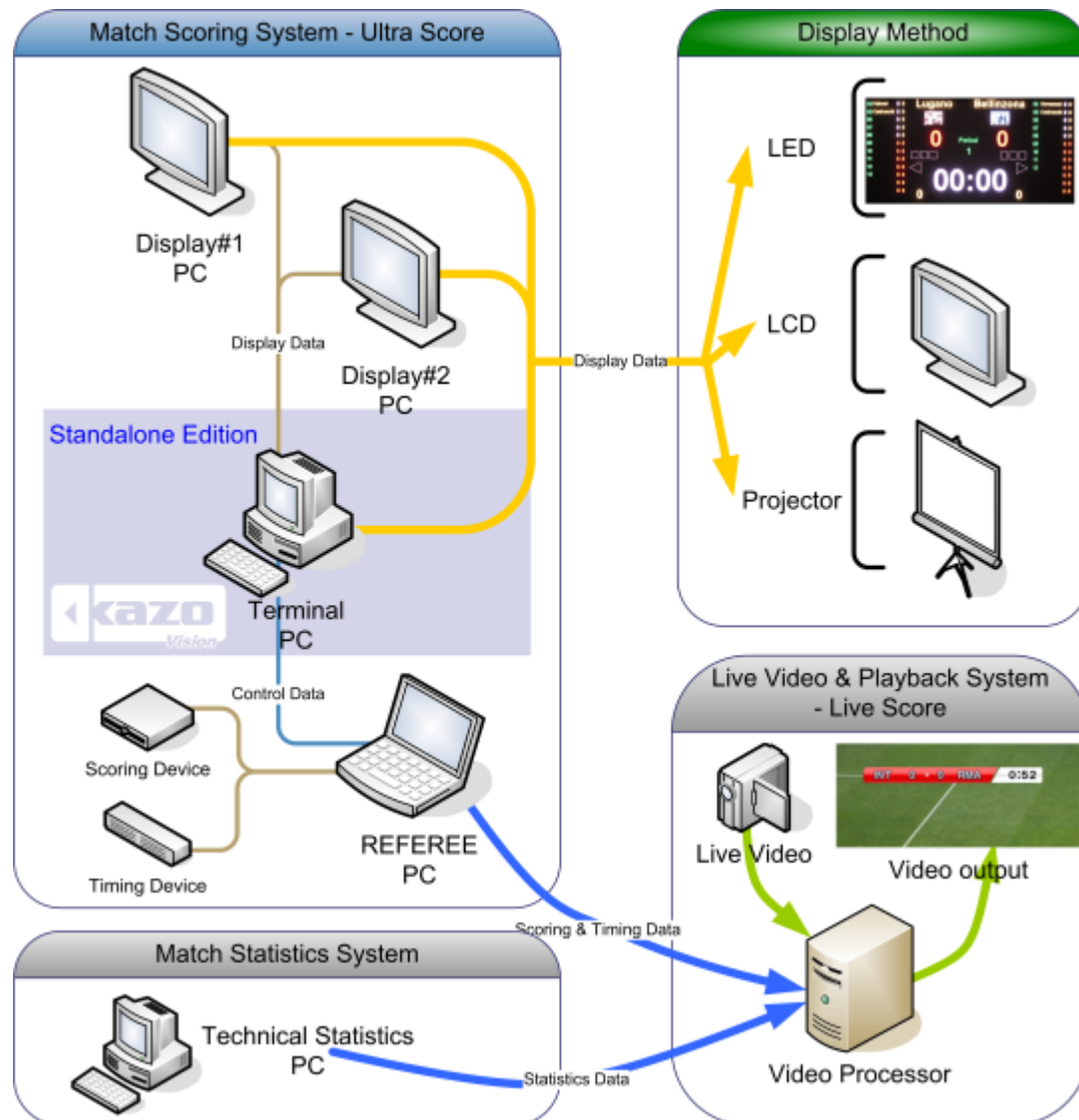
Arrangement interface for archery:



Scoring and timing display for archery:



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.

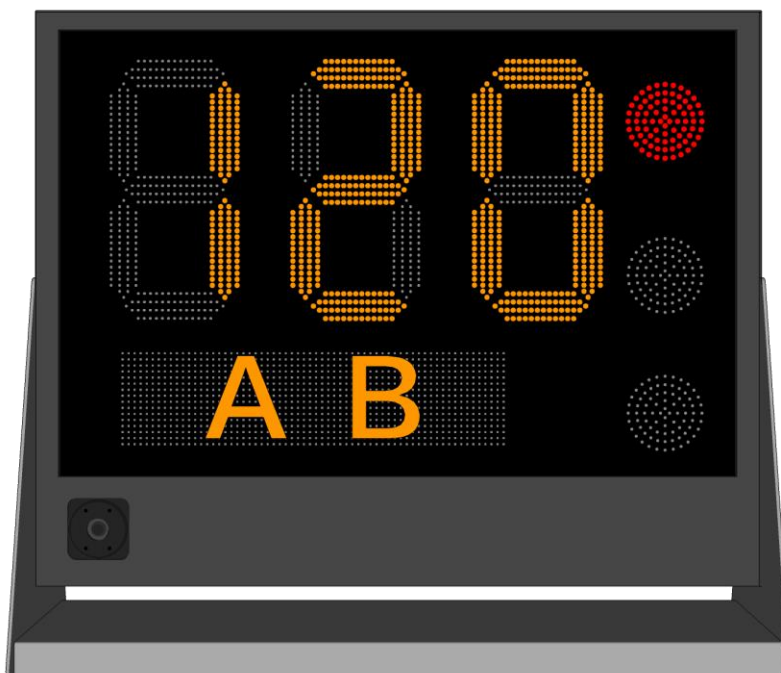
2.2 Lite Console

Item	Details
Lite Console	<p>Type: KS-GC15-AR Size: 265x220x100(mm)</p> <ul style="list-style-type: none"> ◆ Used with the Ultra score software ◆ Communication: USB, RS485 ◆ With 4.3" color LCD screen ◆ Material: Iron + Plastic ◆ Support: Archery ◆ Functions: Scoring, control the match timer, group and individual ranking, group and individual knockout, etc.



2.3 Timing Screen

Item	Details
Timing Screen	Type: KS-AR10 Size: 1200x950x80(mm) <ul style="list-style-type: none">◆ Used with the Ultra score system.◆ Communication: RS485◆ Waterproof: IP65◆ Material: Aluminum cabinet◆ Net weight: 30kg◆ Support: Archery◆ Functions: display match timer and the info of player.



2.4 Archery Mini Timing Screen

Item	Details
Archery Mini Timing Screen	<p>Type: KS-AR10-mini Size: 630x350x60(mm)</p> <ul style="list-style-type: none">◆ Used with the Ultra score system.◆ Material: Aluminum cabinet◆ Waterproof: IP65◆ Support: Archery◆ Net weight: 6kg◆ Functions: display match timer; support series connection; real time display

Physical picture



2.5 Communication Spool

Item	Details
Communication Spool	Type: KS-AR-W ◆ Size: 365x240x415 (mm) ◆ Material: Iron ◆ Cable: 100M



2.6 Archery Buzzer

Item	Details
Archery Buzzer	Type: KS-B30 Size: 200x150x150(mm) <ul style="list-style-type: none">◆ Used with archery timing screen.◆ Material: Iron cabinet◆ Support: Archery◆ Functions: Whistling to make an attention as required.



2.7 Wireless Host for Arrow Speed Sensor

Products	Detail
Wireless Host	<p>Type: KS-WH-BSP Size: 140x120x30 (mm) Communication: 433MHz Function:</p> <ul style="list-style-type: none">◆ System: Must be used together with Ultra score software.◆ Communication Setting: allow to customize the communication frequency band.◆ Communication distance: 20m



2.8 Arrow Speed Sensor

Item	Details
Arrow speed sensor	Type: KS-BSP-Sensor ◆ Speed Range: 5-890MPH ◆ Accuracy: +/-0.1 MPH ◆ Max Distances: 300 feet ◆ Support: Archery ◆ Compatible with Ultra score software. ◆ Track arrow speed on serves and returns from courtside.



2.9 Display for Arrow Speed Sensor

Products	Details
Display for Arrow Speed Sensor	Type: KS-MT-D Size: 620x190x45 mm Color: Yellow Support: Display arrow speed Communication Interface: RJ45 network cable



3. Success Stories

2017 “ACAC” BELWOOD Archery Invitational Tournament

