



Scoring & Timing Solution for Show Jumping



1. Introduction

This is a professional scoring & timing system for Show Jumping match.

System functions include match arrangement, real-time scoring & timing display, players' & referees' info display, rank statistics export & print, slow motion video record & playback, and advertising display can be realized through the coordination of **Match Scoring System, Meet Management System**, etc.

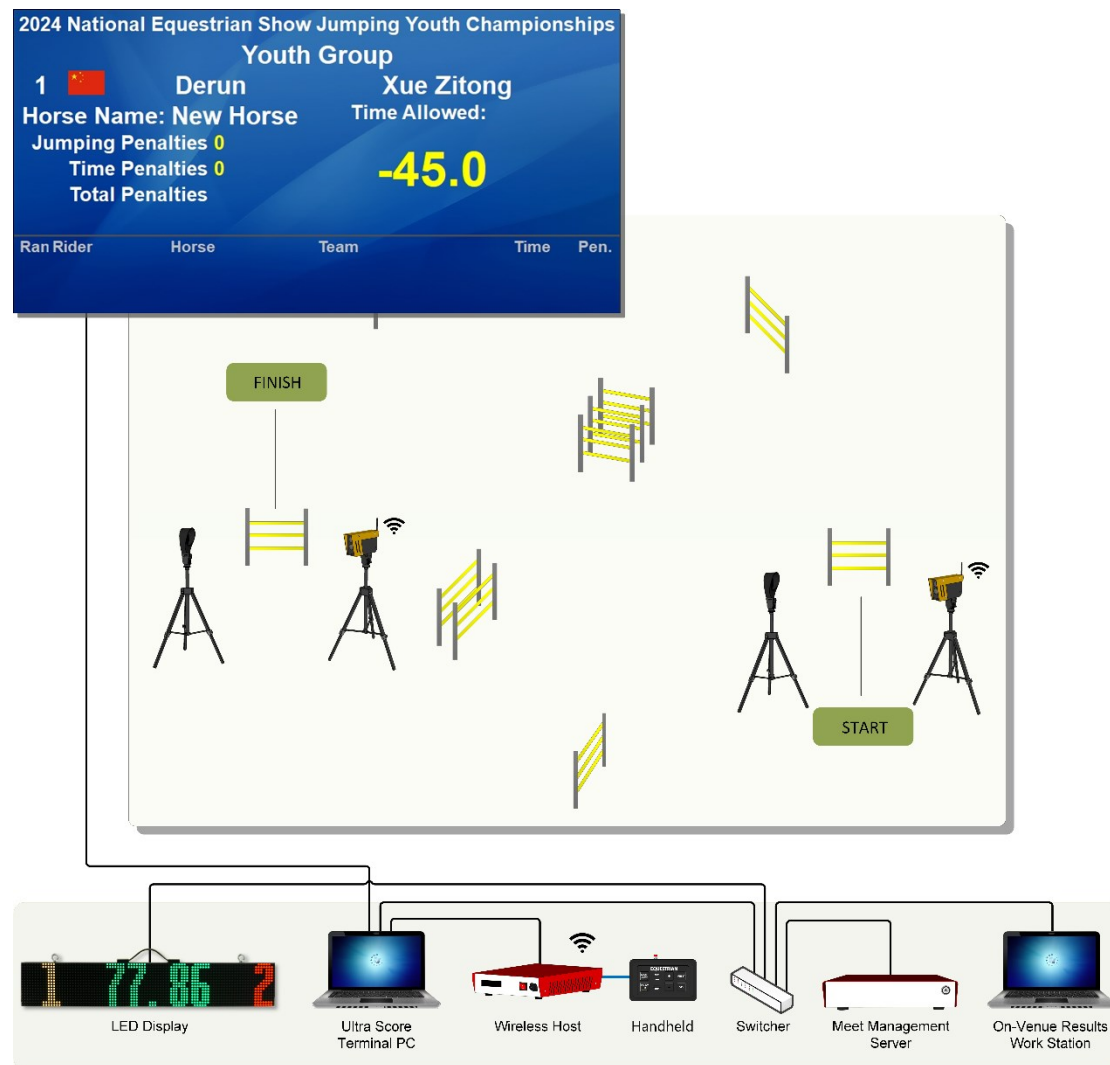
This system is applicable to the competition rules:

--<FEI JUMPING RULES 27th edition>

2021, Suzhou Youth Sunshine Sports League



1.1 System Chart



System Description

- 1) One or two LED displays are set on the site and connected to the control computer.
- 2) Create a local network, connecting the LED screen control PC, referee operation PC, meet management server, results workstation and timing screen to the LAN.
- 3) Place the infrared Photocell and infrared reflector on the site.
- 4) Connect the wireless host to referee operation PC on referee area.

2. Specifications

2.1 Ultra Score Software

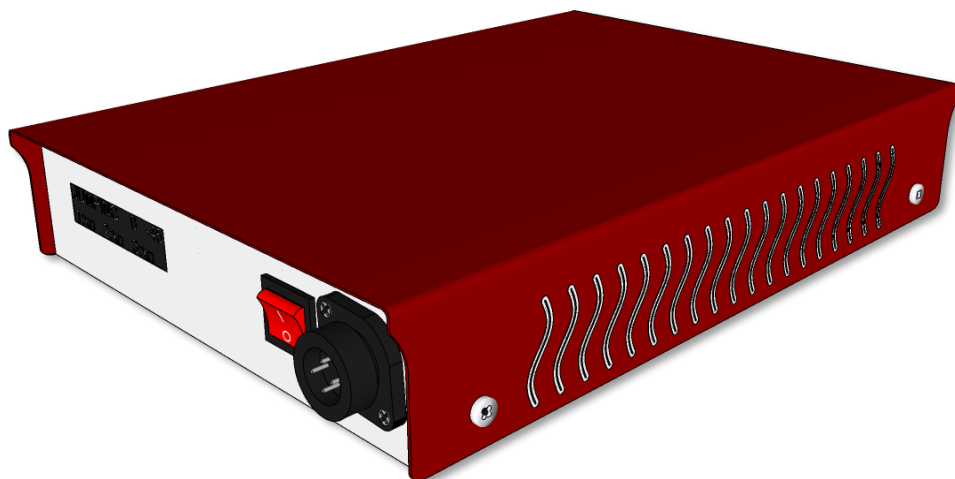
Products	Details
Network standard edition	<ul style="list-style-type: none">◆ Terminal + 1 Display◆ Supports: Equestrian (Show Jumping)◆ English version◆ Including 1 dongle

Scoreboard display for equestrian

2024 National Equestrian Show Jumping Youth Championships				
Youth Group				
1		Derun	Xue Zitong	
Horse Name: New Horse		Time Allowed:		
Jumping Penalties 0		-45.0		
Time Penalties 0				
Total Penalties				
Ran Rider	Horse	Team	Time	Pen.

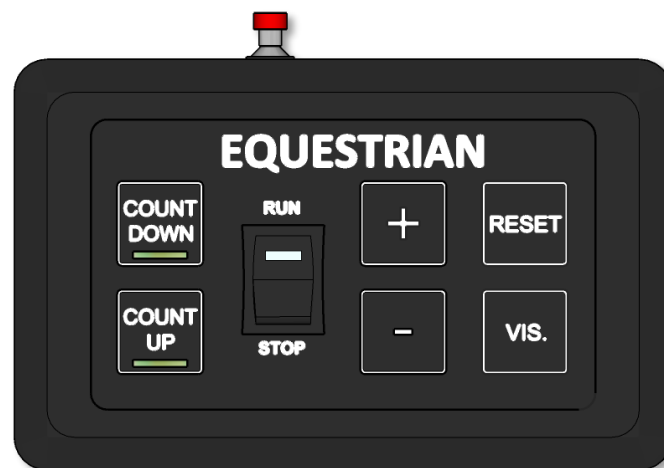
2.2 Wireless Host

Item	Details
Wireless Host	<p>Model: KS-PTCL-WH Size: 280x200x50 (mm) Material: Aluminum alloy Power input: 100~240V AC Power capacity: 5W Communication Mode: 433MHz Wireless communication distance: <=150M (unobstructed) Supporting item: Show Jumping Functions:</p> <ul style="list-style-type: none">◆ Receive wireless signal from photocell◆ Must be used with Ultra Score software.



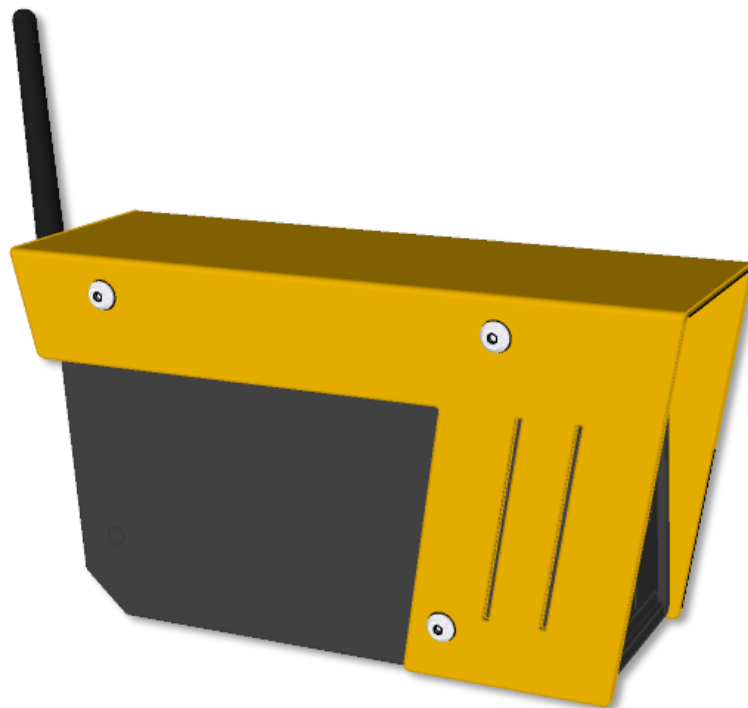
2.3 Timing Handheld

Item	Details
Timing Handheld	<p>Model: KS-PTCL-MT</p> <p>Size: 120x750x20 (mm)</p> <p>Material: PVC</p> <p>Communication mode: wired</p> <p>Length of cable: 3M</p> <p>Supporting competition: Show Jumping</p> <p>Functions:</p> <ul style="list-style-type: none">◆ Must be used in conjunction with wireless host.◆ Used for match timing, 45 second countdown, timing to start, pause and reset.◆ Display or hide the timing on the screen.◆ Control the match ringtone.



2.4 Wireless Photocell

Item	Details
Wireless Photocell	<p>Model: KS-PTCL-PC Size: 184x100x50 (mm) Material: Aluminum alloy Weight: 650G Battery: AA1.5V *2 Power Capacity: 150mW Communication mode: 433MHz wireless Wireless cutting distance<=25M Installation screw hole: 1/4 "</p> <p>Function:</p> <ul style="list-style-type: none">◆ Send an infrared light beam to reflect panel and monitor the light beam for disruptions.◆ Can be setup as Start, Finish1, or Finish2 easily.



2.5 Reflect Panel

Item	Details
Reflect Panel	<p>Model: KS-PTCL-REFL</p> <p>Size: 92.5x132x55 (mm)</p> <p>Material: PVC</p> <p>Installation screw hole: 1/4 "</p> <p>Function:</p> <ul style="list-style-type: none">◆ Must be used in conjunction with wireless photocell to reflect the light from the photocell.



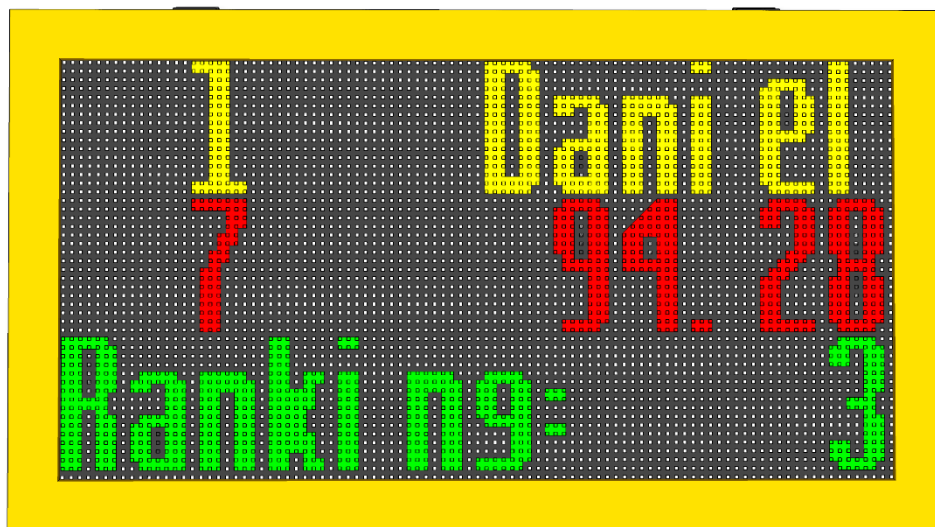
2.6 LED Display

Item	Details
LED Display	<p>Model: KS-SCRN-LED960160</p> <p>Size: 960*160*100(mm)</p> <p>Material: Aluminum</p> <p>Input: 12V DC</p> <p>Function:</p> <ul style="list-style-type: none">◆ Must be used together with Show Jumping Scoring Software.◆ Display athlete's number and name.◆ Display athlete's number, current time and penalty.◆ Display athlete's number and rank.



2.7 LED Display

Item	Details
LED Display	<p>Model: KS-SCRN-LED960480</p> <p>Size: 1080*600*145(mm)</p> <p>Material: Aluminum</p> <p>Function:</p> <ul style="list-style-type: none"> ◆ Must be used together with Show Jumping Scoring Software. ◆ Display athlete's rank, name and match time.



2.8 Timing & Penalty Display

Item	Details
Timing & Penalty Display	<p>Model: KS-TRISCRN-LED960320</p> <p>Shape: Trihedral</p> <p>Size: 960*320(mm)</p> <p>Material: Iron</p> <p>LED Module: Outdoor Bright Full-color</p> <p>Dot Spacing: 10mm</p> <p>Color Gray Scale: 256</p> <p>Waterproof Grade: IP65</p> <p>Interface: RS485, wireless 433MHZ</p> <p>Input Voltage: AC160V-AC240V 50HZ</p> <p>Supporting Power Cable: RVV 3*2.5 15m</p> <p>Supporting Data Cable: 10m</p> <p>Function:</p> <ul style="list-style-type: none">◆ Display the countdown before the game, game timing and penalty.



2.9 Meet Management Server

Products	Details
Meet Management Server	<p>Model: KS-MMS-MINI</p> <p>Size: 260x135x35 (mm)</p> <p>Weight: 1.0 KG</p> <p>Input Voltage: 12V DC</p> <p>RAM: 4GB</p> <p>CPU: Intel J3160</p> <p>Hard Disk: 64G</p> <p>Communication: LAN*1</p> <p>Port: VGA*1, DP*1, USB*2</p> <p>Functions:</p> <ul style="list-style-type: none">● Easy to create an match, and import the match entry information.● Arrangement the match with variants of game systems. Including elimination, round-robin, etc.● Provide the match information to the scoring software on each venue/court.● Gather the real time score and statistics information from the scoring software. Monitor the progress of the match.● Generate standard reports for the match, including start-list, results, combined results, ranking, etc.● Print certifications with adjustable print templates.● Print the team score report.● Open interface with ODF compatible data feed.

