Scoring & Timing Solution for Dressage

1. Introduction

This is a professional solution for LED scoreboard display in Dressage competition.
The system functions conform to international competition rules.
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, Video Arbitration System, etc.

1.1 System Architecture

The whole system is composed of several subsystems, including: Match Scoring System, Meet Management System and Video Arbitration System.
Each subsystem can not only work independently, but also work together to share the data.
It is flexible for customers to configure according to the actual application.

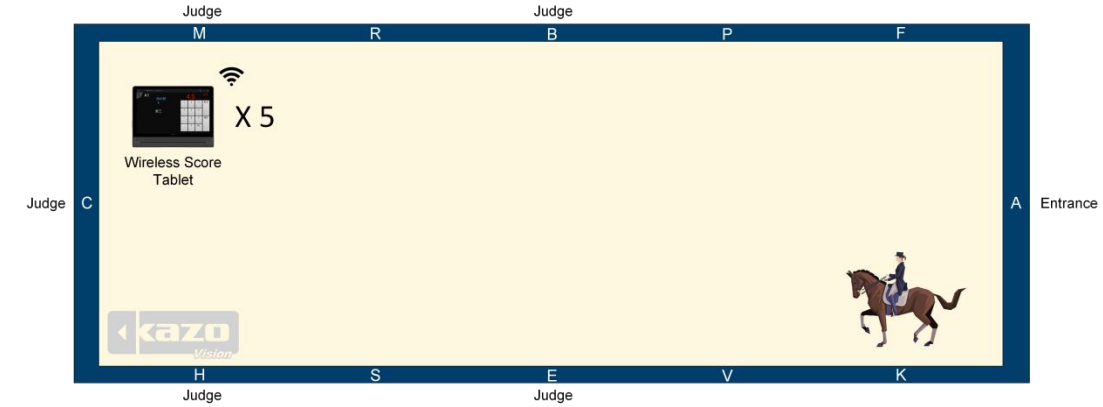
- **Match Scoring System**

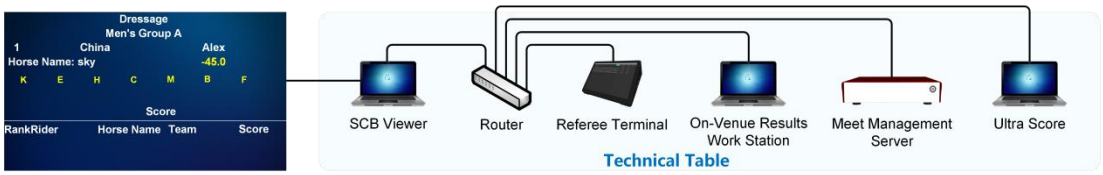
Match Scoring System named ULTRA SCORE is composed of Ultra Score Software, Referee Scoring Software, SCB Viewer, Wireless Score Tablet, etc.
It is mainly operated by the referees to realize the scoring and timing work and real-time scoreboard display.

- **Meet Management System**

It is composed of Meet Management Server, On-Venue Results Workstation, Printer, etc.
Linking with Online Registration System and Match Scoring System, it can realize: participants management, match schedule, result management, court arrangement, rank statistics, etc.

1.2 System Chart





System Description

1) The system has the functions of scoring, timing and displaying in the mode of one court and multi courts.
2) It supports tournament schedule and result exporting.
3) In every court, one set of score tablet and ultra score software shall be equipped to manage and display the information of the score, players and sets.
4) The score information of every court will be gathered to display on the LED screen at the same time.

1.3 Product Configuration (for one court)

Product	Type	Qt.
Ultra Score Software	Network standard Edition Support: Dressage	1
Wireless Score Tablet	KS-GC14-I11	5
Referee Terminal	KS-RETM	1
Score Display Software	SCB VIEWER	1
Meet Management Server	KS-MMS-MINI	1
PC	/	2
Printer	/	1

2. Specification for products

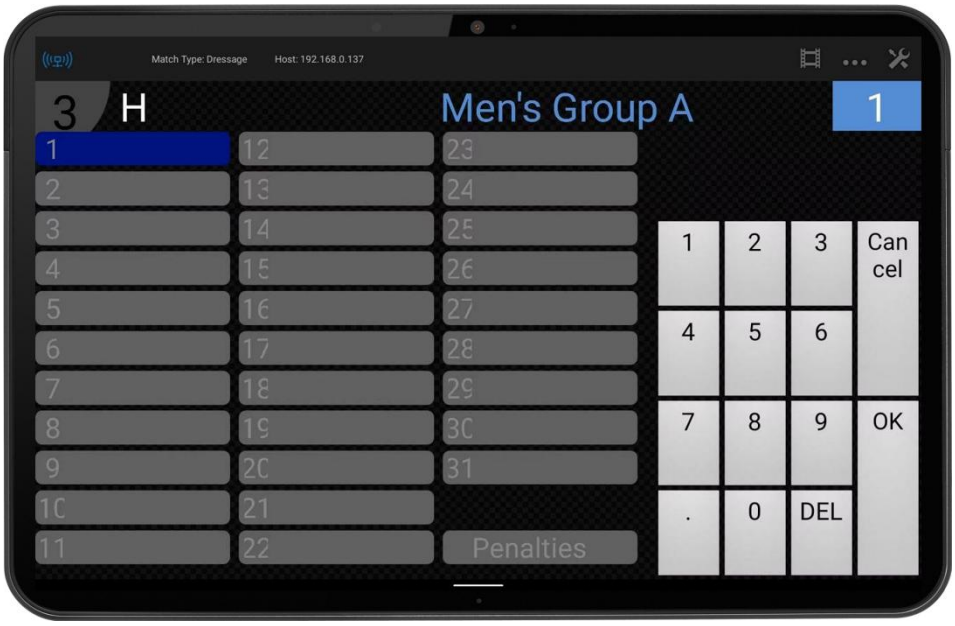
2.1 Ultra Score Software

Products	Details
Network standard edition	◆ Terminal + 1 Display ◆ Supports: Dressage ◆ English version ◆ Including 1 dongle

Software interface for dressage

2.2 Wireless Score Tablet

Products	Details
Wireless Score Controller Tablet	Type: KS-GC14-I11 ◆ Including one license of Lightscore software ◆ Screen: 11"inch ◆ Pixel: 1920*1200IPS ◆ Ram: 6GB ◆ Storage: 128GB ◆ Battery: 8000mAh ◆ System: Android ◆ Supports: Dressage ◆ Communication: WIFI ◆ Full colored touch screen



2.3 Referee Terminal

Products	Details
Referee Terminal	Type: KS-RETM Size: 281 x 173 x 39 (mm) Touch LCD: 11.6 inch Resolution: 1920*1080 OS: WIN 10 Communication: LAN / WLAN Hard Disk: SSD 180GB RAM: 8GB Video Output: HDMI*1 ◆ Monitor the scores of judges on the court in real time. ◆ Modify or remind the unreasonable grades. ◆ Achieve the overall control of the display score. ◆ View the current real-time ranking info.

2.4 Score Display Software

Products	Detail
Score Display Software	Type: SCB VIEWER Support: Dressage Functions: ◆ Layout of scoreboard can meet international game rules. ◆ All contents on the scoreboard including fonts, color and layout can be modified to meet clients' needs. ◆ Used for displaying player information, score and bureau score of a single court. ◆ Used for displaying player information, score and bureau score of multiple sites. ◆ The summary display screen can automatically adjust the display layout according to the competition process. ◆ The picture is updated in real time according to the referee's operation. ◆ Automatic data backup. In case of computer failure or power failure, the previous screen will be restored after restart.

2.5 Meet Management Server

Products	Details
Meet Management Server	Type： KS-MMS-MINI Size: 260x135x35 (mm) Weight: 1.0 KG Input Voltage: 12V DC RAM: 4GB CPU: Intel J3160 Hard Disk: 64G Communication: LAN*1 Port: VGA*1, DP*1， USB*2 Features: ● Easy to create a 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.