

Shanghai International Equestrian Center

上海国际马术中心位于黄浦江畔世博文化公园南部，主体建筑包含 1 个 90×60 米的竞赛场地，还有热身场、训练场和高规格马厩等竞赛设施，以及约 5000 个观众席和贵宾看台、空中包厢等一流观赛设施。2024 年 5 月 3 日，浪琴环球马术冠军赛时隔五年重回上海，举办地点就在上海国际马术中心。

Shanghai International Equestrian Center is located in the south of Expo Culture Park along the Huangpu River. Its main buildings consist of a 90×60-meter-long competition ground, warming-up ground, training ground, high-standard stables and other competition facilities, as well as first-class facilities for spectators, such as about 5,000 seats, VIP stands, and skyboxes. On May 3, 2024, the Longines Global Champions Tour will return to Shanghai after five years, and the event will be held at the Shanghai International Equestrian Center.

为了满足世界顶级赛事的扩声需求，我们选用了 ArenaMatch DeltaQ 线阵列为观众提供顶级视听盛宴。方案共采用了 54 只 ArenaMatch 模块，根据场地尺寸和听音区覆盖需求，选择了不同数量的 AM10/AM20/AM40 组合出不同的线阵列，实现声场定制。整个系统由十三台 PowerMatch 功放两台 EX-1280 数字音频处理器进行系统路由管理。控制室和功放室之间采用 Dante 网络信号传输。

同时采用了 Bose Modeler 声场设计软件和 Auditorer 模拟试听系统帮助工程师完成这一大型场馆的扩声设计。

To meet the sound reinforcement requirements of world-class events, we have chosen the ArenaMatch line array to provide spectators with a top-notch audiovisual experience. The solution incorporates a total of 54 ArenaMatch modules, with different combinations of AM10/AM20/AM40 selected to create varying line arrays based on the venue's dimensions and audio coverage needs, ensuring customized sound fields. The entire system is managed by sixteen PowerMatch amplifiers and two EX-1280 digital processors for system routing. The whole system is run with Dante audio networking.

Bose Professional Modeler design software and Auditorer were used in designing process.

BOM:

ArenaMatch full range module: 54

EX1280: 2

PM8500N+Dante card: 16