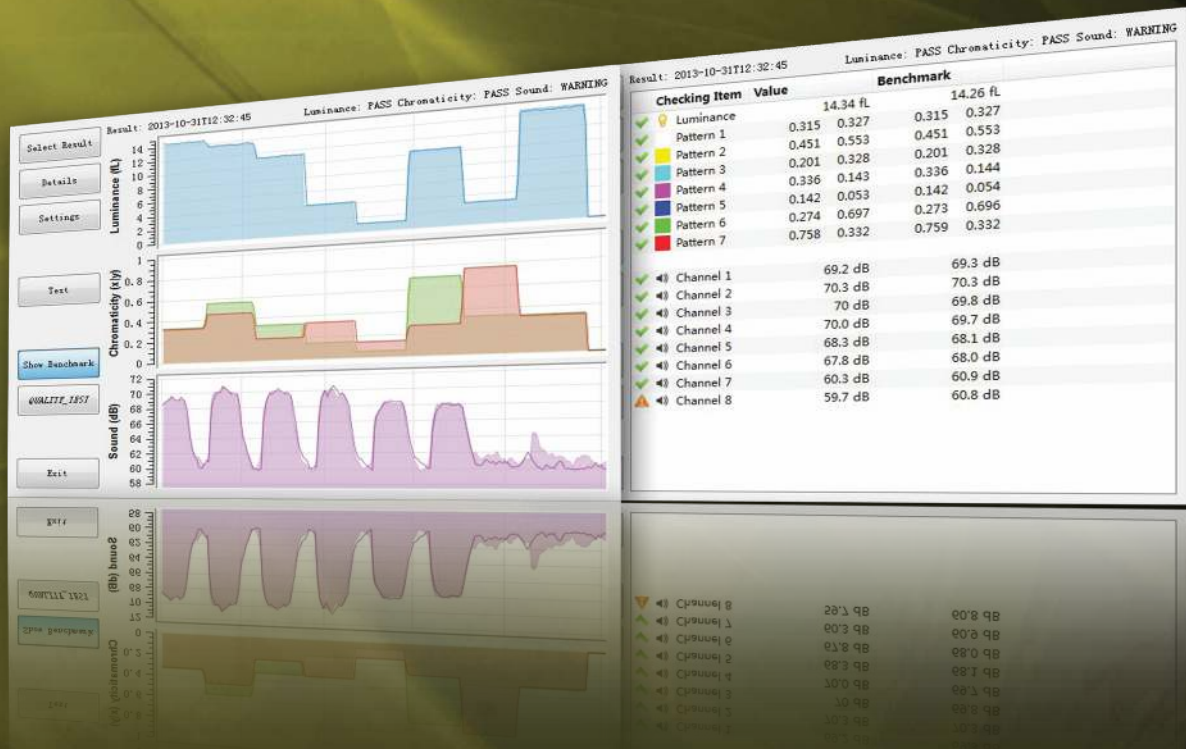


QMS-1000

Quality Management System

Automatic quality monitoring and control solution for cinema screening



“ QMS-1000 Quality Management System is designed for cinema screening quality monitoring and control. It manages the quality of projection and audio by measuring and analyzing the luminance, chromaticity and sound pressure level. ”

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Key Benefits

1

Customized Quality Measurement Benchmark

Exhibitors can flexibly set the quality measurement benchmark by referring to the SMPTE, an international industry standard or their own optimal projection value in the theatre.

2

Highly Effective Measurement

The QMS-1000 allows automatic measurement in multiplex simultaneously, which only takes around 3 minutes for the entire process. QMS-1000 offers simple operation and accurate measurement. It replaces traditional labor intensive and time-consuming manual measurement procedures.

3

Objective and Accurate Measurement

The QMS-1000 carries out measurement and analysis automatically, and provides reporting in multiple formats (as shown in Figure 1, Figure 2) which reduces the likelihood of human error during the evaluation.

4

Comprehensive Measurement Scenario

The QMS-1000 supports measurement for all types of mainstream projection scenarios including single projection for 2D & 3D, dual projection for 2D & 3D and giant screen projection, etc.

5

Test Data Archiving and Export

Measurement data can be archived and retrieved to facilitate data monitoring and analysis on the tendency of projection quality parameter value, and provides data references for equipment operation, service and maintenance.

6

Automatic Adjustment

The QMA-1000 performs intelligent and automatic adjustment i.e. luminance (as shown in Figure 3).

7

Seamlessly Integrated with Theater Management System and Network Operations Centre (NOC)

The QMS-1000 can be integrated with GDC's Theatre Management System (TMS) or run as an independent unit. Measurement can be uploaded to the NOC (as shown in Figure 4) which enables exhibitors to centralize the quality monitoring and management.

Sensor Specifications

Interface	RJ45
Power supply	5VDC
Power	5W
Dimensions	170 (L) × 57 (W) × 90 (H) mm
Weight	0.96 kg
Operating temperature	5°C to 40°C (41°F to 104°F)
Operating humidity	20% to 80%, non-condensing

Test Report (in chart firm):

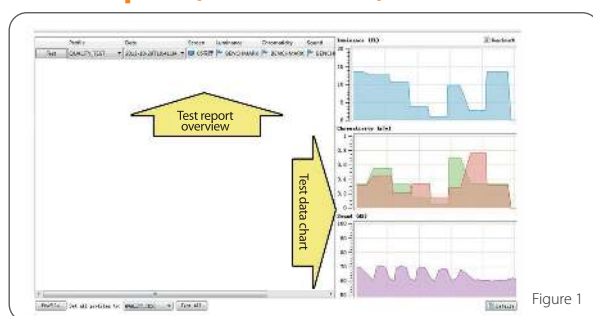


Figure 1

Test Report (detailed data):

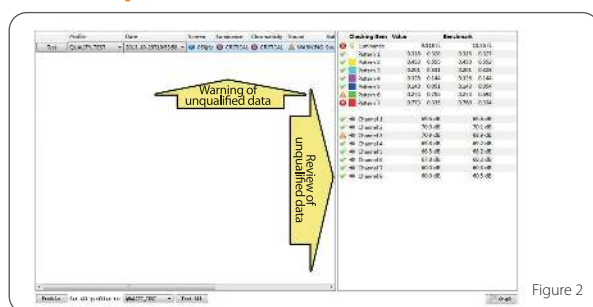


Figure 2

Automatic Adjustment (luminance):



Figure 3

QMS-1000 System Organization

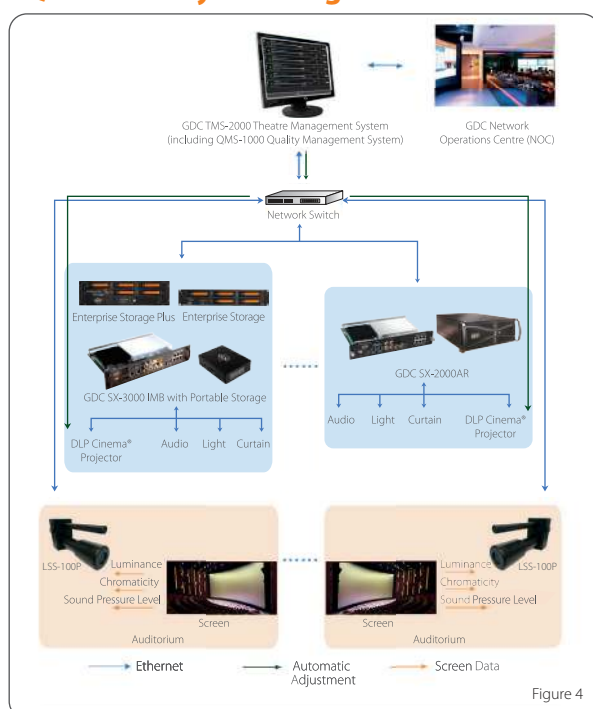


Figure 4

