

Another GOTO first A Triple HYBRID Planetarium!



On March 21, 2015, the Yokkaichi Municipal Museum reopened in Japan with GOTO INC's latest planetarium technology. The planetarium features a "CHIRON401 HYBRID SYSTEM", which in fact is a TRIPLE HYBRID SYSTEM. The 3 main elements of this system are:

(1) **GOTO's most advanced opto-mechanical projector ever.** Yokkaichi's CHIRON401 is based upon the new CHIRON III projector. It has extremely high brightness LED illumination, and shows *the intrinsic color temperature of 9,500 naked-eye stars down to magnitude 6.55*. It displays a Milky Way with more than 100,000,000 micro-stars down to magnitude 18, and accurate dark nebulae as well. All of these features are contained in a starball which is only 48cm in diameter!

2) **VIRTUARIUM II, a fulldome digital video system using two 8K e-shift projectors** – a first in the planetarium field.

(3) **Digital Skyline System which produces immersive landscapes in the tilted theater using three high-brightness 4K video projectors.** The result is a scene across the front of the tilted dome which is **10,000 pixels wide**, and which pulls audiences into beautiful scenes of earthly nature and space.

Since the city of Yokkaichi is a port city, the facility's name "Ginga Port 401" (Galaxy Port 401) is a natural. Daily voyages for the citizens of Yokkaichi into the Galaxy are now taking off!

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