

GOTO HYBRID PLANETARIUM
AETHERIOS



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GOTO INC

Aetherios is the newest member of GOTO's hybrid projector family. Inheriting the features of our highest-quality optical planetariums in a compact housing



| ■ Specification | | AETHERIOS | | |
|--------------------------|---|--|---|--|
| Item | Specifications and features | | | |
| Type | Optical planetarium projector (Applicable to hybrid system) | | | |
| Applicable dome diameter | 5 - 12.5m | | | |
| Main body motions | 3-Axis, High-accuracy pulse control | | | |
| | Motion capabilities | Latitude/Diurnal/Azimuth 6 rpm Max Combined motions 1 rpm MAX | | |
| Main Star Projector | Fixed stars | Number of fixed star projectors | 10 | |
| | | Number of Stars | 9551 stars down to 6.55 magnitude | |
| | | Color Temperature | LED Color temperature 5700K | |
| | | Brightness | Precise difference between magnitudes of each star based on the Pogson's ratio. | |
| | | Light source | High-intensity LED | |
| | | Shutter | Gravitational shutter/ Digital shutter | |
| | Milky Way & Deep Sky Objects | Projection | Projected with fixed stars using a specially-processed star plate. | |
| | | Representation | Milky Way: More than 3 million stars, Deep Sky Objects: Dots | |
| | | Deep Sky Objects | 117 (Nebula, Cluster) Messier objects (Not all on the list, but objects that can be resolved), and NGC869&884(h-x), LMC, SMC, NGC104, ω, NGC6752, NGC3372, NGC253, etc. See the Deep Sky Object list for complete list. | |
| | Bright Stars | Realistic color reproduction (12 stars) | 19 separate projectors: αCma, αCar, αCen, αLyr, αBoo, αAur, αOri, βOri, αCmi, αEri, βCen, αAql, αTau, αCru, αSco, αVir, βGem, βCru, γCru | |
| | | Light source | High-intensity LED | |
| | | Stars adjustable its intensity | αCma (variable dimming level), αCar (variable dimming level) αOri (Variable stars can be controlled by setting a variable table) | |
| | Variables (4) | Beta Cephei variable (pulsating variable) | δCep | |
| | | Mira variable (pulsating variable) | οCet(Mira) | |
| | | Algol variable (eclipsing variable) | βPer(Algol) | |
| | | Gamma Cassiopeia variable | δSco(Dschubba) | |
| | Scintillation | Brightstar + variable star * Frequency is variable | | |
| | Noise level | Less than 40dB | | |
| Power specification | AC86~240V (50/60Hz) 300Wα | | | |
| Size | Starball diameter: φ280mm (11inches), Width of main body: 380mm (14.9 inches) | | | |
| Weight | 18kg (40lbs) *Main projector part | | | |
| Conformity standards | RoHS Compliance, CE | | | |

