

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 (19 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			

