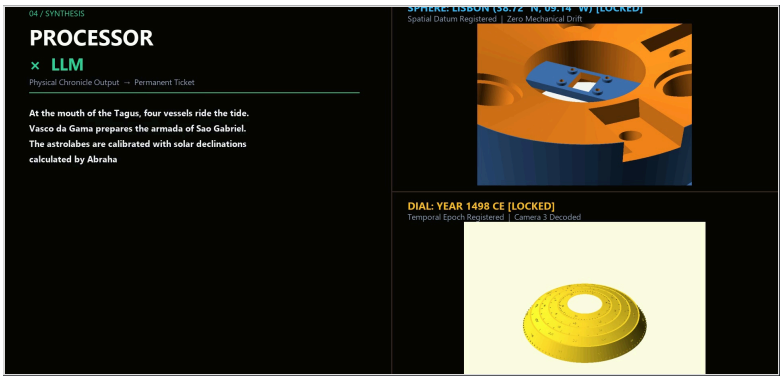
The Conversational Astrolobe · Signed Edition

A kinetic bronze-and-mineral tabletop sculpture powered by an onboard spatial-temporal AI engine. Guests spin the physical globe, align five concentric brass time dials, and receive a situated narrative on screen and printed on archival paper.

NUMBERED EDITION (1/10) | UNCONSTRAINED 170MM SPHERE | DUAL PMW3360 + TLV493D | 5 CONCENTRIC ZIGGURAT RINGS | 58MM ARCHIVAL PAPER TICKET



OBJECT IDENTITY

Designed for private collector libraries, architectural salons, and boutique hotels. Pure tactile brass, porcelain/mineral globe geometry, and dedicated rotational mechanics turn geographic curiosity into a slow physical ritual.

Each unit carries a bespoke founding datum etched into its coordinate memory alongside a calibrated software dialogue voice.

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Video Demo:
https://www.thearenatheory.com/astrolobe/
Engine Chat:
https://www.thearenatheory.com/chat.html
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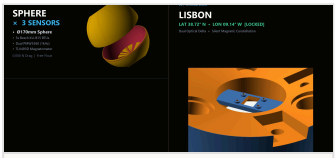
PHYSICAL INTERACTION LOOP



STEP 01

Hand Spin

Free-floating sphere moves over industrial ball transfers at smooth optical resolution.



STEP 02

Datum Lock

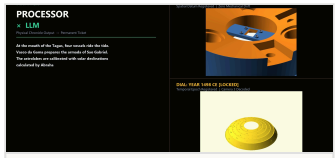
Orthogonal optical flow sensors resolve latitude and longitude beneath the globe.



STEP 03

Ziggurat Rings

Five stepped rings index Year, Month, Day, Hour, and Minute via internal optics.



STEP 04

Print Artifact

Onboard dialogue synthesizes a situated reading shown on screen and printed to keep.

TARGET CONTEXTS

Private Libraries & Patrons: Numbered bespoke editions built around the collector's residence or birthplace coordinates.

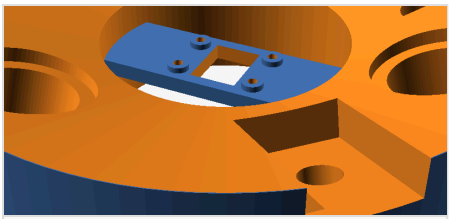
Hospitality Salons & Private Clubs: A tactile concierge piece anchored to the hotel's city, giving guests a personalized keepsake ticket from the lobby desk.

BESPOKE CUSTOMIZATION

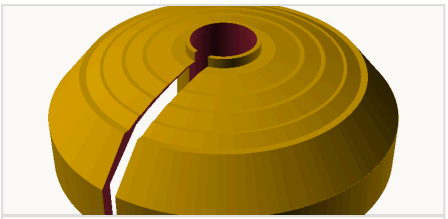
Physical Materials: Resin/porcelain sphere finish and anodized or cast metallic Ziggurat rings scaled cleanly to table footprint.

Narrative Tuning: Custom historical, architectural, or behavioral corpus calibrated strictly for the property or patron collection.

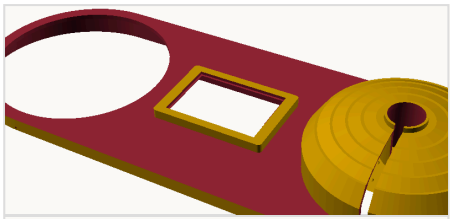
MECHANICAL CAD & SENSOR INTEGRATION



Bay 01 · Optical Cradle: Ball-transfer ring with dual PMW3360 sled cavities + TLV493D datum.



Bay 02 · Ziggurat Dials: Five concentric stepped metal/composite date rings readable at 45°.



Unified Chassis: Compact three-bay enclosure housing optics, time rings, screen, and printer.

UNIFIED INSTRUMENT SPECIFICATION

SUBSYSTEM	SPECIFICATION
Form Factor	Integrated 3-Bay Instrument unifying tactile sphere, concentric dials, display, and print bay
Spatial Tracking	Dual orthogonal `PMW3360` optical flow sensors + `TLV493D` 3-axis magnetometer over ball transfer units
Temporal Indexing	Five stepped concentric Ziggurat rings read optically via integrated camera module
Power & Compute	Embedded host controller over standard mains/USB-C rail calling curated language dialogue API
Visitor Output	Color IPS display readout + integrated `58mm` archival thermal chronicle ticket printer

SPECIMEN CHRONICLE OUTPUT (58MM PRINT)

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DATUM LOCK: LISBOA · 38.72°N 09.14°W
TIMESTAMP : 06 JUN 1979 · 14:03
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OPERATIONAL READ:
Steady accumulation resists quick churn.
You hold pooled trust and institutional
stakes under high pressure until terms
lock in clean, durable physical form.
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ARCHIVE REF // THEARENATHEORY.COM
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COMMISSION FORMAT & NEXT STEP

Deliverables: Signed physical instrument (`Edition 1/10`), calibrated software endpoint, custom venue/patron coordinate lock, and bench maintenance documentation.

Investment & Schedule: Direct lump-sum commission (material and schedule scoped per custom housing finish).

Walkthrough: Available for a 15-minute tabletop prototype inspection and live dialogue test.

Targets: Lisbon by Design · The Vintage Hotel Lisbon · Private Patron Collections