

# COSMODYSEY IV

Portable Version

## SPECIFICATIONS



2950 Wyman Parkway  
PO Box 19907  
Baltimore, MD 21211  
USA

Phone: 410-366-1222  
Fax: 410-366-6311  
Email: [mail@mmicorporation.com](mailto:mail@mmicorporation.com)  
[www.mmicorporation.com](http://www.mmicorporation.com)

## TECHNICAL DESCRIPTION

The COSMODYSSEY IV portable version is compact, sturdy and easy to install.

### INCLUDES:

#### Transport case

- \* Power supply 220/240/110V – 50/60Hz
- \* Red background lighting (2 side sources 2 x 20W)
- \* Desk lighting by flexible reading lamp
- \* Safety lighting in case of power cut
- \* Dimensions:
  - Length: 28.3" (720 mm)
  - Width: 23.6" (600 mm)
  - Height: 18.9" (480 mm)
  - Weight: 70.5 lbs. (32 kg)



#### CosmOdyssey IV star projector

##### Starball

- \* 1500 stars with colored filters
- \* 12 Messier objects
- \* Milky Way with realistic image (slide)

##### Colored dot planet projector

- \* Mercury, Venus, Mars, Jupiter and Saturn with individual brightness control
- \* Manual set-up around the ecliptic

##### Sun projector

- \* Slide projection with 2 representations (fuzzy)
- \* 2 Sun projectors to represent the Sun position in winter and in summer during the same session.
- \* Individual brightness control for each Sun
- \* Manual set-up on the Ecliptic

##### 4 phases Moon projectors

- \* Slide projection (new Moon, 1st quarter, full Moon, last quarter)
- \* Manual set-up

##### Ecliptic, Equator, Meridian

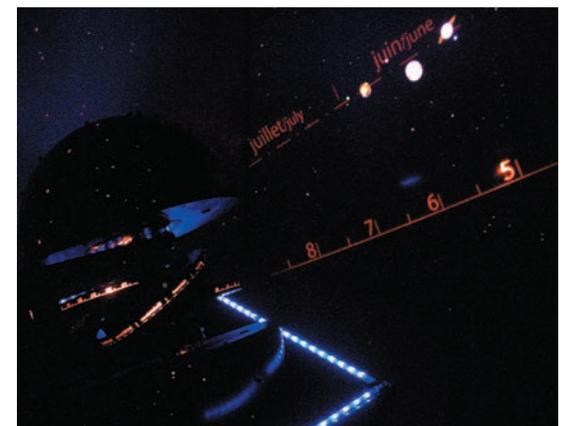
- \* Graduation (month, hour, degree)
- \* Individual brightness control
- \* Sliding gauge with individual back lighting brightness control

##### Blue ambient lighting (LED) with individual brightness control

##### Control panel lighting

##### Back lighting control panel

##### Security lighting



## Control panel

- \* Control of both planetarium axis (diurnal and latitude axis)
- \* Control of diurnal movement speed
- \* Control of latitude movement speed
- \* Control of starry sky brightness
- \* Individual brightness control of every planets and the Moon phases
- \* Individual brightness control of both Sun
- \* Individual brightness control of the Ecliptic
- \* Individual brightness control of the Equator
- \* Individual brightness control of the Meridian
- \* Individual brightness control of back lighting (control panel and sliding gauge)
- \* Individual brightness control of ambient lighting
- \* Serial port for remote computer control



## Laser pointer

## Documentation

## Inflatable dome

- \* 5 m in diameter
- \* Inflatable skirt to ensure stability
- \* Entrance tunnel with inside and outside locking
- \* Occultation fabric classified M1 fireproofing
- \* Supplied with transport bag
- \* Dimensions :
  - Length: 23' 0" (7 m)
  - Width: 19' 8" (6 m)
  - Height: 10' 6" (3,2 m)
  - Weight: 72.5 lbs. (33 kg)



## Fan

- \* Power supply 220/240V (or 110V in option)
- \* 2 600 m<sup>3</sup>/h
- \* 75 W
- \* Speed regulator
- \* Dimensions:
  - Length: 20" (510 mm)
  - Width: 9" (230 mm)
  - Height: 20" (510 mm)
  - Weight: 15.5 lbs. (7 kg)

