

MMI CORPORATION

COSMODYSEY ARIES 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
www.mmicorporation.com

TECHNICAL DESCRIPTION

The COSMODYSSEY ARIES 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

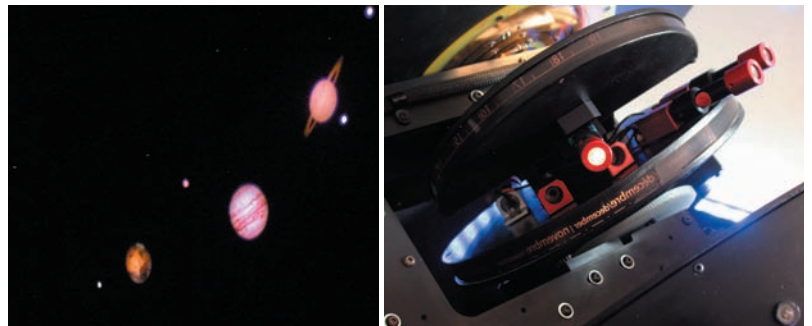
- * Slide projection with 2 representations (fuzzy)
- * 2 Sun projectors to represent the Sun position in winter and in summer during the same session.
- * Individual brightness control for each Sun
- * Manual set-up on the Ecliptic

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

Laser pointer

Documentation

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



Inflatable dome

Domes are available in two sizes - 16ft. diameter [5 meters], and 19.7ft. diameter [6 meters]. For projection with CosmOdyssey Aries, a white interior is standard. If you plan on using the dome for any form of digital projection, we recommend that you order a grey interior projection surface. The exterior of the dome is blue.

Dome fabric is a blackout type with fire retardant treatment, ensuring complete darkness inside the dome, regardless of lighting conditions outside the dome. Walk-in entrance is quick, comfortable and safe. The 6 ft. [2 meter] high entrance is easily opened and closed using a double sided, easy to grasp zipper. Since domes do not have a floor, emergency evacuation is instantaneous and safely achieved by simply lifting the dome overhead and to one side.

The dome is remarkably light weight. The 16 ft. [5 meter] dome is only 50 lbs. [22 kg.]. Once folded, the dome fits neatly in the provided carry bag for easy transport.

The inflation fan is an 18 in. 3-speed fan with floor stand.

Hand-held Constellation Projector

The CosmOdyssey projector comes with a hand-held constellation projector. It is similar to a flashlight that uses special slides with 12 figures: Orion, Lepus, Taurus, Canis Major, Gemini, Scorpius, Cygnus, Crux, Leo, Hercules, Ursa Major, and Ursa Minor.

The images are projected on the star field by the hand projector. Eight additional constellation slides may be purchased: Sagittarius, Libra, Cassiopeia, Cancer, Draco, Corona Australis, Cepheus, and Canis Minor.

