Universe2go Fact Sheet

The planetarium for home and on the go

What is Universe2go?

Universe2go is an interactive star viewer, which combines a view of the real night sky with the digital world. As a two-piece augmented reality system, the Universe2go brings together a black star viewer with your own smartphone and the accompanying app. Through an integrated mirror in the star viewer, a digital picture of constellations is transmitted to the user's eyes. Simultaneously, the user can see the night sky through the transparent front of the viewer. Thanks to GPS and modern smartphone sensors, superimposing this digital picture over the real starry sky is now a possibility.

What does Universe2go have to offer?

With Universe2go, you can experience the stars as if in the planetarium. Even dimmer stars, which generally remain unseen as a result of large cities and their light pollution, are now visible thanks to the star viewer. Constellations, planets, deep-sky objects and even satellites are also now observable with explanations on Universe2go. The audio guide features several hours of material, which provides further elucidation to the observed phenomena. The menu is accessed and navigated through head movements, enabling a change in the viewing mode without removing your smartphone from the star viewer. To begin or interrupt the audio guide, focus on the object or gently shake the viewer respectively.

Who can use Universe2go?

Six different modes make the star viewer an interesting and fun device for beginners and experts alike. While the viewer depicts and explains the many constellations in Beginner mode, Discovery mode provides in-depth information, such as distance and brightness of each star. Mythology mode features the Greek legends and myths connected with stars, while Deep-Sky mode depicts star clusters, nebulae and alien galaxies and 3D mode gives the user a feeling of floating through space. Experts can choose and apply individual settings as to which information is featured on specific objects. Finally, for anyone who enjoys a challenge can test their knowledge within the new quiz mode.

Which educational content can Universe2go impart?

Much like in a planetarium, the starry night sky receives detailed explanation. The superimposed information, in combination with the audio guide, clarifies not only all 88 constellations, but also planets, interstellar space, galaxies, star clusters and nebulae. The device imparts the position of individual stars in the sky as well as exciting stories of old Greek mythology, making Universe2go an ideal gadget for schools and educational institutions, which teach astronomy-related subjects.

Which technical requirements should my smartphone have?

The most current smartphone models with Android or iOS operating systems are compatible with Universe2go. The most important features are, aside from an appropriate size, above all the following sensors: GPS, a gyroscope, an accelerometer and a compass. These requirements apply to iPhone models 4, 5, and 6, as well as various Android models of various producers. Additionally other requirements include Android version 4.2 and higher, as well as maximum dimensions of 147x74x11mm, in order to guarantee a proper fit into the viewer.

Further information on Universe2go as well as a list of all compatible smartphone models are available at www.universe2go.com.

About the producer:
Universe2go is distributed by Omegon. With a variety of around 500 different products, Omegon offers a huge product range in the fields of hobby astronomy, nature watching, sport optics and microscopy. Thanks to a focus on direct sales of the products, customers profit from tested quality and an excellent standard of service to very attractive prices. The company behind Omegon, Nimax in Landsberg am Lech near Munich, operates several specialized online shops and belongs with Astroshop.de to Europe's leading retailers in the field of hobby astronomy. More about the company is available at www.nimax.de.

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