Mobile Black Box

Mobile Black Box is a semi-enclosed mobile cinematic theatre for film and video, virtual reality, serious gaming and media. Mobile Black Box is a mobile structure that is hollow and rectangular. It is designed to be floating above the floor. It contains multimedia visuals that are designed and projected onto the interior walls using projector and/or other display possibilities(s).

(Characteristic 1) Mobile Black box can be an affixed stand or hung from the ceiling.
(Characteristic 2) Mobile Black Box is collapsible and foldable to save space. The modular components are joined using Velcro to provide flexibility. This method also makes the structure extendable and reconfigurable.

Mobile Black Box may vary in sizes for a variety of uses, based on the specification of different projects. Black Box is a semi-enclosed design with its shape and form constructed with the support of tubes used to form the skeleton. Mobile Black Box may have a single view-hole-opening or multiple view-hole-openings, which are located at the bottom of the hollow and rectangular structure. The openings allow the viewer to easily and instantly access the interior space.

The projected media content viewed within the interior space aims to provide a cinematic experience. The viewer is required to move into the hole-opening located at the bottom of the hollow rectangular structure and stand upright into it. Their upper-bodies should be enclosed inside the interior space, while their lower-bodies are exposed and can be seen from the outside.

The height from which Mobile Black Box is hung from can be varied. Usually, the base of the structure is set around the viewers' shoulder. Other than being able to view the theatrical content on the inside, there is also visual beauty that can be seen from the outside as the structure surrounds the body of the viewer therefore also a sculptural art installation.

The skeleton is formed with non-elastic configuration that enhances the structure. This means the skeleton is customized for the structure and is therefore able to be configured in multiple ways, based on the specification of each project. Mobile Black Box multi-purpose mounting points feature allows the use of projector from different manufacturers, again based on the projects' specification. Projectors can be mounted on the front, rear, or side, depending on the specifications given. There may also be multiple projectors used in one structure.

One of the most unique features of Mobile Black Box is the portability of the invention. It has the ability to allow viewers to experience cinematic facilities anywhere.

The portability of Mobile Black Box gives the structure mobility, providing users with the freedom to set it up indoors or outdoors, regardless of the light condition that enables the multimedia content to be showcased. The presence of day-light will affect neither the quality nor the ability of the multimedia content to be showcased, even if the structure were to be set-up outdoors.

Mobile Black Box is a Modular Interactive Portable Display System for an Immersive Multimedia Environment. This saves on transportation and set-up costs to enable the user to display their own media files. Mobile Black Box is also a "mobile museum" that can showcase art, entertainment and advertising campaigns. It can also be used for various public projects and gaming activities, as well as a training platform opens to customization.