

Mindball® Game



Mindball Game is a game that goes against the conventional competitive concept, and also reinvents the relationship between man and machine. Instead of activity and adrenalin, it is calmness and focus that mark the truly successful Mindball Game player. Mindball Game is unique amongst machines since it is not controlled by the player's rational and strategic thoughts and decisions. On the contrary, the participants are dependent on the body's own intuitive reactions to the game machine.

At first glance, Mindball Game seems similar to a traditional two player game - two people challenge one and other and take their respective positions at each end of a table that is laid out with two goals and a little ball. The rest of the game's equipment is more special. Both players wear a headband that contains electrodes and is wired up to a biosensor system which registers the electrical activity in the brain - so called EEG (see below). The players' brain activity is graphed in a diagram, if a monitor is connected to Mindball Game, so that the public can follow the players' mental processes during the match.

The object is to relax so that you are able to focus. The lower Alpha and Theta waves you have the better. That means that you are physically still and thus hopefully relaxed. Then focus. On what? On anything you like, as long as it keeps you focused during the game. A stressed player will definitely lose.

The matches' outcome is rarely obvious since the transition between calm and stress, and vice versa, can occur quickly. Often, the ball will roll backwards and forwards for a few minutes before the game is concluded. In this way, Mindball Game is an exciting and social game where the audience can follow the match by watching the ball on the table, the graphics and the more or less relaxed expressions of the players.

Game Variations

The game is played so that the player being most relaxed wins the game when the ball rolls into the opponent's goal. Another interesting way of playing the game is to cooperate instead of competing while trying to maintain the ball at its start position in the middle of the playing area. You can also play Mindball Game three against three if you connect the accessory Mindball Multiplayer. The Multiplayer comprises two adapters and six headbands. The adapters are connected to the ordinary headband socket and leads to three headbands each. When you play with the Multiplayer connected a mean value of the three players is compared with the opponent's value.

EEG

The EEG (electro-encephalo-gram) is an electrical waveform that is recorded from the brain by using electrodes appropriately placed on the head, then amplifying and displaying the electrical signal using a computer.

Background

The product Mindball Game originates from the prototype Brainball which is developed by the Smart Studio at The Interactive Institute.

The Company

Our objective is to develop market and sell EEG Biofeedback related products.

Our mission is to contribute to people's mental health by making EEG biofeedback training easy and fun.

Mindball®

Patented