

Starpoint 1CRD Contra-Rotating Disc Mechanism Product Summary

Description

The 1CRD Contra-Rotating Disc Mechanism allows two discs, roulette wheel, or other components to be mounted on the same motor and rotate in alternate directions.

This unit expands the game design options available to allow combinations of effects. The two mounting surfaces will rotate in the ratio 2:1 and are directly linked through the integral gear box mounted on the motor shaft.

Electrical Outline

The 1CRD is available with a 48 step 12vdc motor. Connection is made to the unit via the standard 15 way connector. A photo optic detector provides position information of the rotating mounting surfaces.

Care must be taken to ensure the weight of any components are kept to an absolute minimum to ensure smooth operation and control of the motor.

Mechanical Outline

Dimensional information of the 1CRD is shown on the reverse of this Product Summary. The unit comprises a frame, which can be adjusted in angle between 0° and 50°, a stepper motor with gearbox mounted on the shaft, a photo optic device to identify relative position of the mounting surfaces. Discs or similar objects are mounted on the 1CRD by three screws for each assembly dimension for fixing holes are shown on the reverse.

Maximum diameter of component to be mounted on the unit is 8.5 inches (216mm) if the unit is mounted on a shelf. If the unit is mounted over the edge of the shelf then larger diameters may be used.

Sample Ordering

If you require a sample please fax Starpoint on +44 (0)20 8391 7760 with your required options from the above and intended application. The sample will be sent complete with Technical Information giving applications information and details of how to specify your exact product requirement in the future.

Starpoint 1CRD Contra-Rotating Disc Mechanism Dimensional Information

