

# HAP-01 Horn Positioner

## Product Overview

The TDK RF Solutions HAP-01 Horn Positioner is used for remote positioning of horn antennas, both in the horizontal and vertical planes, to illuminate objects that are larger than the beam width of the antennas used in the system.

**Remote Control** The positioner can be remote controlled by the TDK RF Solutions SI-300 system interface unit. Two independent control units are used: one for vertical (y-axis) and one for horizontal (x-axis).

**Fiber Optic Link** Remote control of the positioner is achieved by use of fiber optic links, eliminating line noise and distance limitations.

**Custom Dimensions** The dimensions of the positioner are dependent on the customer's required illumination area. Dimensions are limited only by the maximum length of cable that is used.

## Features

- Independent vertical and horizontal positioning control
- Compatible with the TDK RF Solutions SI-300 system interface
- Fiber optic interface
- Custom dimensions to meet illumination requirements
- Shielded remote modules for use in high field environments
- Battery operated



**The TDK RF Solutions HAP-01 Horn Positioner is designed for remote positioning of horn antennas in EMC test environments.**

## Applications

- Remote independent vertical and horizontal operation
- Expands illumination area on objects larger than antennas beam width capabilities

# HAP-01 Horn Positioner

## Mechanical Specifications

Dimensions:	Custom
Weight:	Custom
Construction:	Non-conductive fiber-glass, acetal, and polycarbonates
Finish:	Preventive water absorption sealed

## Electrical Specifications

Power Requirements:	12 volts DC, 5 Ah rechargeable battery pack
Power Consumption:	N/A

## Environmental Specifications

Operating Range:	0° to +40° C
Thermal Ratings:	-10° to +50° C

## Ordering Information

Product:	Horn Positioner
Model Number:	HAP-01
Warranty:	1 year

**To place an order or to learn more about the TDK RF Solutions products that best meet your needs, contact your TDK sales representative:**

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