

## REMOTE CONTROLLED, CONTINUOUS ROTATION

The **ARP-1** polarization rotator enables continuous rotation of rear mounted antennas or parabolic reflector feeds. The rotator is driven by a high precision stepper motor, and is accurate to within  $0.1^\circ$  in angular position accuracy. It will rotate rear mounted antennas weighing up to 10 lbs effortlessly and efficiently. The **ARP-1** can be mounted on our fixed or adjustable height masts as well as any tripod with a 1/4 - 20 stud.

## REMOTE CONTROLLED, FIXED POSITION

The model **ARP-90**, polarization positioner has an actuator that changes the polarization of a mounted antenna from horizontal to vertical and vice versa, allowing hands free operation. It is available for use on both our fixed-height and adjustable-height antenna support masts.

## CONTROL UNIT

The polarization rotator, **ARP-1** and the Positioner **ARP-90**, are operated by a digital remote control unit, **ACU-4**, via a multiconductor shielded cable. The controller may be operated manually with front panel pushbuttons or automatically, via an RS-232 interface. An IEEE-488 interface is optional. The control unit is programmable and may be customized to fit the users special needs. Standard positioner functions include "Home" and three programmable positions or three continuous rotation speeds with an optional rotary joint. Software can be downloaded from a personal computer to control the polarization rotator during repetitive tasks. Up to four controllers are available in a 19" rack configuration (Model **ACU-4/4**) for use with four separate positioners simultaneously.

## MANUAL POSITIONER

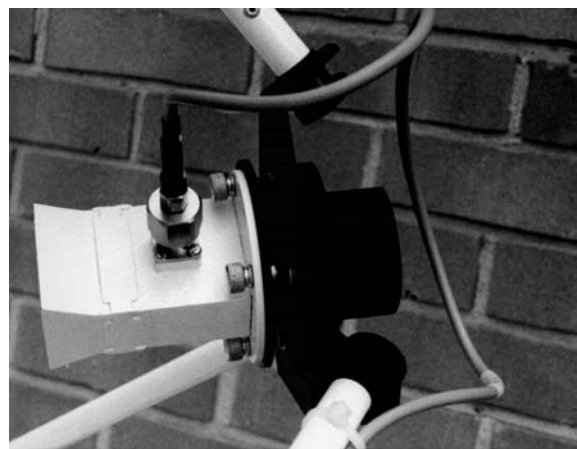
Our manual positioner, **MRP-1**, is designed for polarization adjustment of small and tactical antennas in the field or for parabolic reflector feeds. A knob located behind the positioner is used to rotate the antenna incrementally, with spring loaded stops located every  $45^\circ$ . The **MRP-1** is made from anodized aluminum and black delrin with all stainless steel hardware.



**ARP-1 ROTATOR**



**ACU - 4/4 CONTROL UNIT**



**MRP-1**