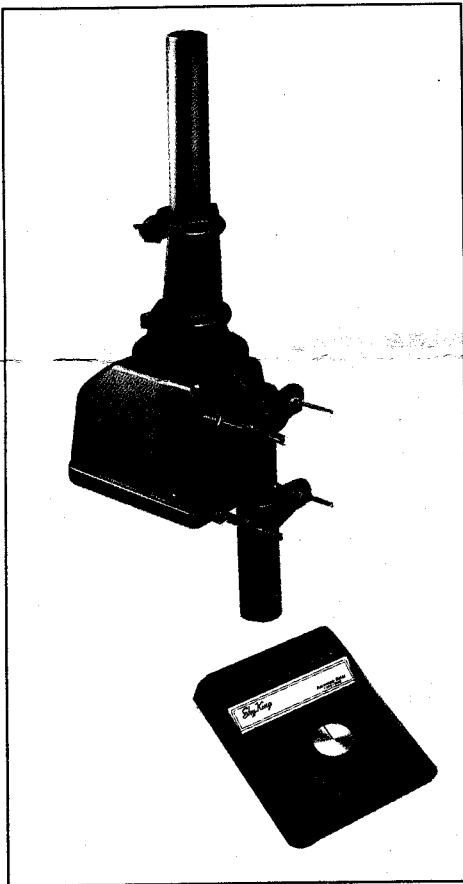


*Sky King*

# ROTATOR

**TYPE 2303**



**INCLUDING:**

1 - Control Unit

1 - Drive Unit

2 - Clamp-middle

2 - Clamp-small

1 - set of: 2 - U BOLT

4 - 6X66 BOLT

8 - NUT

8 - WASHER

**DISTRIBUTED BY:**

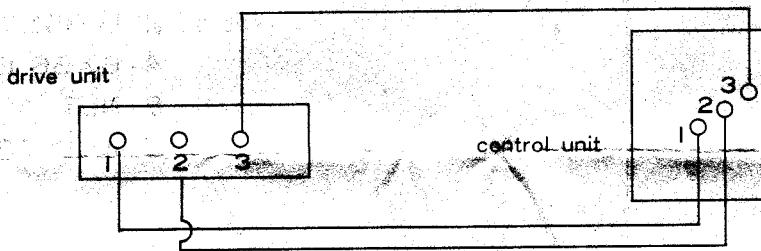
# TYPE 2303

## GENERAL DESCRIPTION

The model TYPE2303 has aimed at the stronger torque and the longer time of operation. You can place control unit where you want to place it and rotate the antenna mounted on drive unit. You can always obtain complete synchronization of control unit and drive unit easily.

## ASSEMBLY AND MOUNTING

1. Prior to mounting the antenna on drive unit, connect drive unit to control unit with 3-conductor cable.\* Each terminal(1,2,3)of drive unit must be wired to corresponding terminals(1,2,3)of control unit as illustrated below.



\* 3-conductor cable: Upto 100 ft., 20 AWG, 3-conductor cable may be used. For longer distanec connection, heavier gauge wire is recommended.

**PLEASE DO NOT OPERATE CONTROL UNIT ONLY WITHOUT CONNECTING TO DRIVE UNIT.**

2. Then plug-in power cord of control unit to power outlet. (Drive unit and control unit may start to move until red indicator of control unit comes round to directional line of control knob.) Turn control knob fully clockwise to end stop (N) and wait for red indicator to arrive at end stop(N). While red indicator is moving, low noise is heard from running motor of control unit. Again turn control knob counterclockwise to end stop(N) and wait for red indicator to arrive at end stop(N).
3. Now control unit is fully synchronized with drive unit.

**PLEASE DO NOT OPERATE CONTINUOUSLY FOR MORE THAN 30 MINUTES TO AVOID OVERHEATING. FOR MORE THAN 30 MINUTES CONSTANT OPERATION, PLEASE GIVE THE UNITS 30 MINUTES REST.**

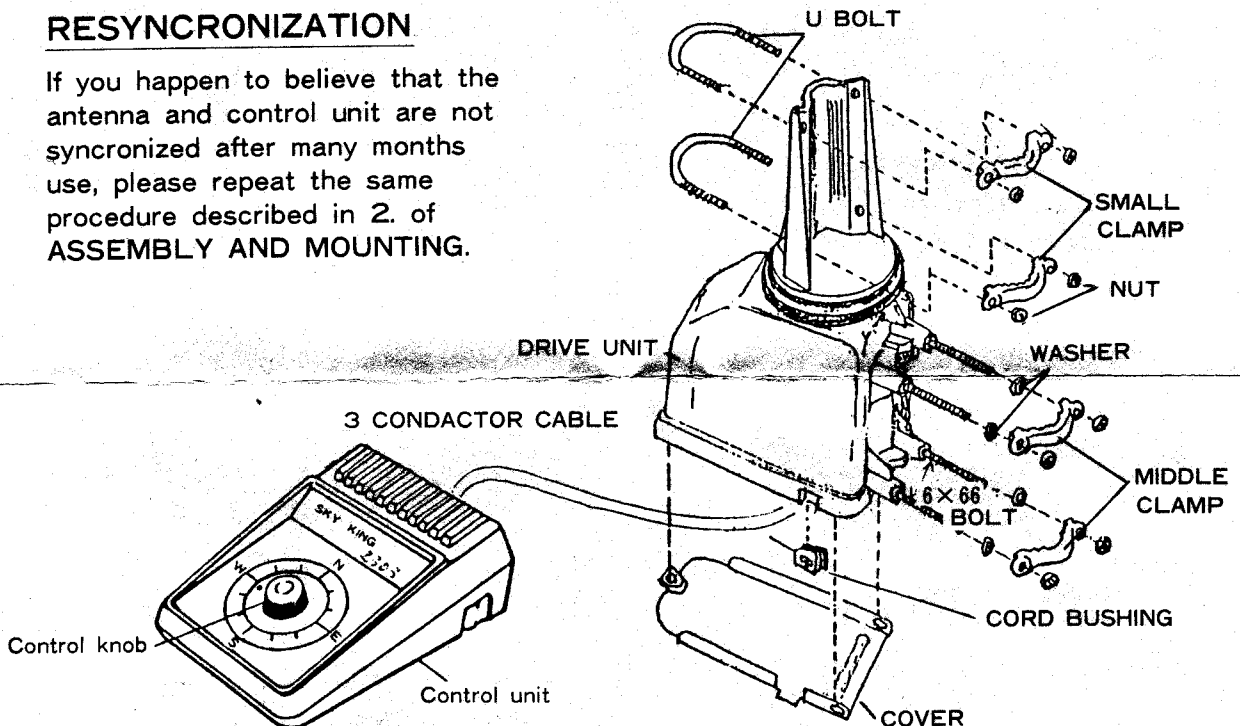
4. Please begin to mount the antenna on drive unit according to the illustration given below. \*\*

- \*\* A. Set the antenna point North.
- B. Give the lead wire from the antenna a sufficient slack to allow drive unit to rotate freely.
- C. Make sure that no loose wires can short between terminals.

### ANTENNA MOUNTING ILLUSTRATION

### RESYNCRONIZATION

If you happen to believe that the antenna and control unit are not synchronized after many months use, please repeat the same procedure described in 2. of ASSEMBLY AND MOUNTING.



### Technical Data

Input Voltage:	220V, 110/220V
Power:	48VA
Control Cable:	3 core 0.5 $\text{mm}^2$
Vertical Load:	50kgs
Stationary Breaking:	1,000kg-cm
Rotation Torque:	200kg-cm
Rotating Speed:	60~70sec./round
Lower Mast Size:	28-51mm $\phi$