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 TYPE 2303 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
the corresponding terminals(1,2,3)of control unit as illustrated below.

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<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
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</tbody>
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* 3-conductor cable: Up to 100 ft., 20 AWG, 3-conductor
cable may be used. For longer distance 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 **

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
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<tbody>
<tr>
<td>Input Voltage:</td>
<td>220V, 110/220V</td>
</tr>
<tr>
<td>Power:</td>
<td>48VA</td>
</tr>
<tr>
<td>Control Cable:</td>
<td>3 core 0.59mm²</td>
</tr>
<tr>
<td>Vertical Load:</td>
<td>50kgs</td>
</tr>
<tr>
<td>Stationary Breaking:</td>
<td>1,000kg-cm</td>
</tr>
<tr>
<td>Rotation Torque:</td>
<td>200kg-cm</td>
</tr>
<tr>
<td>Rotating Speed:</td>
<td>60~70sec./round</td>
</tr>
<tr>
<td>Lower Mast Size:</td>
<td>28~51mmφ</td>
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