**DUCT-O-WIRE COLLISION AVOIDANCE SYSTEMS**

**CAS-1**

IR Optic Sensor Kit for Distance On / Off Switching
Includes Mounting Bracket, Reflectors, and Hardware
Sensor Relays Can Open or Close a Circuit
For Use With 24 to 240 VAC or 12 to 240 VDC
Outputs for N.O or N.C. Circuit Control
Operating Distance Range from 1 to 30 Feet
Also Available with Delayed On / Off as CAS-1D

Laser Optics Sensor Kit for 2 Stage On / Off Switching includes Pre-Wired Unit with Transformer, Relays, 40’ Cable and Reflector
Class 1 Laser for Maximum Accuracy
Two Programmable Trigger Events
DIN Mounted Components for Easy Installation
Distance Range from 8 Inches to 60 Feet
Also Available with 80’ Cable as CAS-2L80

**CAS-2L40**

**DUCT-O-WIRE RADIO REMOTE CONTROLS**

**RC-IM-2**
Series 322
Three Motion - Two Speed
Key On/Off and E-Stop
Two Auxiliary Switches which can be
Programmed for Momentary or Maintained
Two Transmitters with Batteries
One Receiver Pre-Wired with 6’ Pigtails

**RC-IM-D2**
Series 1220
Four Motion - Two Speed
Emergency Stop
Two Auxiliary Switches which can be
Programmed for Momentary or Maintained
Two Transmitters with Batteries
One Receiver Pre-Wired with 6’ Pigtails

---

**P.O. Box 519**
Corona, California 92878-0519
Phone: 909-735-8220; 800-543-3885; 800-735-1922
Fax: 909-735-2372; 800-752-6001; 800-735-0857

**1351 W. Second Street**
Oconomowoc, Wisconsin 53066
Phone: 262-567-2288; 800-434-0062
Fax: 262-567-0857

**379 Davis Road, Unit #3**
Oakville, Ontario, Canada L6J 2X2
Phone: 905-844-1791; 800-361-9473
Fax: 905-844-2533; 800-663-0933
CRANE BOSS

Robinson Engineering's Complete Line of CraneBoss Radio Controllers
CraneBoss 200 Series with Up To 5 Motions with 2 Speed Control
CraneBoss 300 Series with Up To 5 Motions with 5 Speed Control
Custom Configurations for E-Stop, Momentary and Maintained Switches
Rugged Hand Held and Belly Box Transmitters with Rechargeable Batteries

RADIO REMOTE CONTROL REPLACEMENT AND ACCESSORY ITEMS

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>RC-11</td>
<td>Selector Switch for &quot;RADIO&quot; / &quot;PENDANT&quot; (2 - N.O. and 2 - N.C. Contacts)</td>
</tr>
<tr>
<td>RC-IM-PC</td>
<td>Cable to Copy EPROM Data From One Transmitter to Another</td>
</tr>
<tr>
<td>RC-IM-SC</td>
<td>Software and Cable to Program EPROM (Specify Model Number)</td>
</tr>
<tr>
<td>RC-IM-KEY</td>
<td>Replacement Magnetic Key For Models RC-IM-1R and RC-IM-2</td>
</tr>
<tr>
<td>RC-IM-1XM</td>
<td>Spare Transmitter for RC-IM-1R Units (Specify Model Number and Serial Number)</td>
</tr>
<tr>
<td>RC-IM-2XM</td>
<td>Spare Transmitter for RC-IM-2 Units (Specify Model Number and Serial Number)</td>
</tr>
<tr>
<td></td>
<td>Consult Factory for Additional Model Numbers</td>
</tr>
</tbody>
</table>

COLLISION AVOIDANCE SYSTEM REPLACEMENT AND ACCESSORY ITEMS

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>5304812</td>
<td>Replacement Hard Reflector for CAS-1 and CAS-1D</td>
</tr>
<tr>
<td>7-020-573</td>
<td>Replacement 3&quot; x 3&quot; Reflective Tape for CAS-1 and CAS-1D</td>
</tr>
<tr>
<td>7-020-576</td>
<td>Replacement 8&quot; x 11&quot; Reflective Tape for CAS-2L40 and CAS-2L80</td>
</tr>
<tr>
<td></td>
<td>Consult Factory for Additional Replacement Parts</td>
</tr>
</tbody>
</table>