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› Crane Pendant and Cable Manager - S-PCM, Crane Remote Holder, Hoist Remote and Cable Holder, Crane Controller Module

RBH Design Concepts S-PCM

Crane Pendant and Cable Manager S-PCM User Manual

Model: S-PCM | Brand: RBH Design Concepts

1. INTRODUCTION

This user manual provides essential information for the proper installation, operation, and maintenance of the RBH Design Concepts S-PCM Crane Pendant and Cable Manager. Please read this manual thoroughly before using the product to ensure safe and efficient operation.

2. PRODUCT OVERVIEW

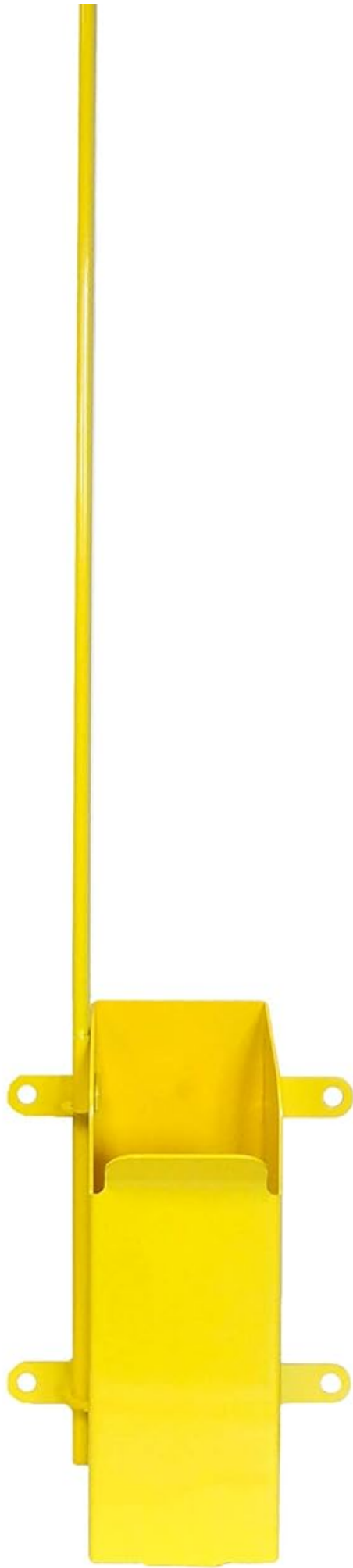
The S-PCM is designed to securely hold crane pendants and manage their associated cables, preventing tangles and keeping the workspace clear. Its robust construction and safety yellow powder coating ensure durability and high visibility in industrial environments.

2.1 Key Features

- Conveniently secures corded crane pendants.
- Effectively manages and contains pendant cables.
- Mounts to walls, I-beams, or other structures (mounting hardware not included).
- Features a simple clip system for cable support, configurable to left or right.
- Durable safety yellow powder-coat finish for maximum visibility and longevity.
- Designed and manufactured in the USA.

2.2 Product Components





Left Configuration

Figure 2.2.1: The S-PCM Crane Pendant and Cable Manager. This image shows the complete unit, featuring the main pendant box and the integrated cable management arm, all finished in safety yellow.



Left Configuration



Right Configuration

Figure 2.2.2: S-PCM Left and Right Configurations. This image illustrates how the cable support arm can be oriented to either the left or right side of the pendant box, offering installation flexibility.

3. SETUP AND INSTALLATION

The S-PCM is designed for straightforward installation. Ensure all safety precautions are followed during mounting.

3.1 Required Tools and Hardware

- Appropriate mounting hardware (bolts, screws, anchors) suitable for your wall or I-beam material (not included).
- Drill and drill bits (if mounting to a solid surface).
- Wrench or screwdriver set.
- Measuring tape and level.
- Safety glasses and gloves.

3.2 Mounting Instructions

1. **Select Mounting Location:** Choose a location that is easily accessible for crane operators and where the pendant cable will not obstruct walkways or machinery. Ensure the surface is structurally sound to support the S-PCM and the pendant.
2. **Mark Drilling Points:** Hold the S-PCM against the desired mounting surface. Use a pencil or marker to mark the positions for the mounting holes. The unit has pre-drilled holes on its mounting flanges.
3. **Drill Pilot Holes:** Using the appropriate drill bit for your mounting hardware and surface material, drill pilot holes at the marked locations.
4. **Secure the Pendant Box:** Align the S-PCM with the drilled holes and secure it firmly using your chosen mounting hardware. Ensure the unit is level and stable.
5. **Attach Cable Support (Optional):** The cable support arm can be attached to either the left or right side of the pendant box using the simple clip system. Slide the arm into the desired slot until it clicks into place. This allows for customization based on your specific cable routing needs.



Figure 3.2.1: S-PCM installed on a structural beam, demonstrating how a crane pendant is stored and its cable is managed. The cable is looped through the support arm, keeping it organized and off the floor.



Figure 3.2.2: Another view of the S-PCM in an industrial environment, showing the pendant securely held within the box and the cable neatly routed through the support arm, enhancing safety and organization.

4. OPERATING INSTRUCTIONS

Using the S-PCM is simple and intuitive, designed to streamline the storage and retrieval of your crane pendant.

1. **Storing the Pendant:** Gently place the crane pendant into the main box opening of the S-PCM. Ensure it rests securely within the enclosure. The partially open bottom allows for debris to fall through, preventing accumulation.
2. **Managing the Cable:** Loop the pendant's cable over the integrated cable support arm. Coil any excess cable neatly around the arm to keep it off the floor and prevent tripping hazards or damage.
3. **Retrieving the Pendant:** When ready to use the crane, simply lift the pendant out of the box and uncoil the cable from the support arm.



Figure 4.1.1: A crane pendant is shown securely stored in the S-PCM unit, with its cable neatly wrapped around the integrated support arm. This setup ensures the cable is organized and out of the way when not in use.

5. MAINTENANCE

The S-PCM is designed for minimal maintenance due to its durable construction and powder-coat finish.

- **Regular Cleaning:** Periodically wipe down the unit with a damp cloth to remove dust, dirt, or grime. Avoid abrasive cleaners that could damage the powder-coat finish.
- **Inspect Mounting:** Annually, or more frequently in high-vibration environments, inspect the mounting hardware to ensure it remains tight and secure. Re-tighten any loose fasteners.
- **Check for Damage:** Visually inspect the S-PCM for any signs of physical damage, such as dents, cracks, or significant paint chips. While the unit is robust, severe impact could compromise its integrity. Replace if significant damage is observed.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with the S-PCM.

Problem	Possible Cause	Solution
Unit feels loose after installation.	Mounting hardware is not sufficiently tightened or is inappropriate for the mounting surface.	Ensure all mounting hardware is securely tightened. Verify that the hardware used is suitable for the material of the wall or I-beam. Consider using stronger anchors if necessary.
Pendant does not fit properly in the box.	Pendant dimensions exceed the S-PCM's internal capacity.	Verify the dimensions of your crane pendant against the S-PCM specifications (3.25" W x 3" D x 10" H internal). The S-PCM is designed for standard crane pendants.
Cable does not stay on the support arm.	Cable is not properly coiled or is too stiff/large for the arm.	Ensure the cable is neatly coiled and placed over the arm. For very stiff cables, ensure enough slack is provided to allow it to rest naturally.

7. SPECIFICATIONS

Attribute	Detail
Model	S-PCM
Brand	RBH Design Concepts
Manufacturer	A-1 Security Bars, Inc
Pendant Box Internal Dimensions (W x D x H)	3.25 Inches x 3 Inches x 10 Inches
Overall Height (with Cable Support)	33 Inches
Overall Width (including wall attachments)	10 Inches
Material	Powder-coated Steel
Color	Safety Yellow
Country of Manufacture	USA (Zeeland, Michigan)
ASIN	B07PZW2818
Date First Available	March 22, 2019

8. WARRANTY INFORMATION

Specific warranty details are not provided in the product description. For warranty information, please contact RBH Design Concepts directly through their official channels. Keep your purchase receipt as proof of purchase.

9. CUSTOMER SUPPORT

For technical assistance, questions regarding installation, or any other inquiries about your S-PCM Crane Pendant and Cable Manager, please contact RBH Design Concepts. Refer to the product packaging or the manufacturer's official website for the most current contact information.

Manufactured by A-1 Security Bars, Inc.

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