Rath 2400-808SSPC2

Rath 2400-808SSPC2 Emergency Phone Call Box User Manual

Flush Mount Emergency Phone Call Box with Cover, Stainless Steel

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the Rath 2400-808SSPC2 Flush Mount Emergency Phone Call Box. This device is designed to provide reliable emergency communication in various environments, featuring a durable stainless steel construction and a protective cover.

2. SAFETY INFORMATION

Please read all safety instructions before installing or operating the unit. Failure to follow these instructions may result in injury, damage to the unit, or improper operation.

- **Electrical Safety:** Installation must be performed by qualified personnel in accordance with all local and national electrical codes. Ensure power is disconnected before any wiring or maintenance.
- **Environmental Conditions:** Do not expose the unit to extreme temperatures, humidity, or corrosive environments beyond its specified operating conditions.
- **Secure Mounting:** Ensure the unit is securely mounted to a stable surface to prevent accidental dislodgement.
- **Authorized Service:** Do not attempt to service the unit yourself. Refer all servicing to qualified service personnel.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged upon unpacking:

- Rath 2400-808SSPC2 Emergency Phone Call Box with Stainless Steel Cover
- Mounting Hardware (if included by manufacturer)
- This User Manual

Note: A distribution center is required for operation and is sold separately.

4. SETUP AND INSTALLATION

The Rath 2400-808SSPC2 is designed for flush mounting. Proper installation is crucial for optimal performance and safety.

4.1. Site Preparation

1. Choose a suitable location for flush mounting, ensuring adequate space for the unit's dimensions.

2. Ensure the mounting surface is structurally sound and can support the unit's weight (approximately 5.9 pounds).

3. Verify that necessary wiring for power (wired electric) and communication lines are accessible at the installation site.

4.2. Mounting Dimensions

Refer to the following dimensions for precise installation:

- **With Cover:** 9-3/4"H x 6-1/2"W x 1-1/4"D
- **Back Box:** 9-7/8"H x 6-1/2"W x 3"D
- **Face Plate:** 11-3/8"H x 8"W

Figure 4.2.1: Side view illustrating the flush mount design and depth of the unit.

4.3. Wiring and Connection

Connect the unit to a compatible distribution center (sold separately) and power source according to the wiring diagrams provided with the distribution center and local electrical codes. Ensure all connections are secure and insulated.

5. OPERATION

The Rath 2400-808SSPC2 is designed for straightforward emergency communication.

5.1. Initiating a Call

Figure 5.1.1: Front view of the emergency phone with the protective cover closed.

1. To initiate an emergency call, open the clear protective cover.

2. Press the "EMERGENCY PHONE" button located on the unit's faceplate.

3. The unit will automatically dial a pre-programmed emergency number.

4. A solid light indicator will illuminate, signifying that the unit is currently calling.

5.2. Communication Status

Figure 5.2.1: Front view of the emergency phone with the protective cover open, showing the call button and indicators.

- **Solid Light:** Indicates the unit is actively making a call.
- **Blinking Light:** Indicates that a connection has been established and the unit is receiving communication.

5.3. Ending a Call

Calls are typically terminated by the receiving party. The unit will automatically reset once the call is disconnected.

6. Maintenance

Regular maintenance ensures the longevity and reliable operation of your emergency phone call box.

- **Cleaning:** Use a soft, damp cloth to clean the stainless steel surface and clear cover. Avoid abrasive cleaners or solvents that could damage the finish or plastic.
- **Inspection:** Periodically inspect the unit for any signs of physical damage, loose connections, or wear. Ensure the protective cover opens and closes freely.
- **Functionality Test:** Conduct periodic test calls to ensure the unit is functioning correctly and connecting to the intended emergency service.

7. Troubleshooting

If you encounter issues with your Rath 2400-808SSPC2, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No dial tone or call initiation.	No power, faulty wiring, issue with distribution center, or unit malfunction.	Check power supply. Verify all wiring connections. Ensure distribution center is operational. If issues persist, contact support.
Call connects but no audio.	Microphone or speaker issue, or line problem.	Check for obstructions on speaker/microphone. Verify line integrity. Contact support if problem continues.
Light indicators not functioning.	LED malfunction or internal wiring issue.	Contact support for diagnosis and repair.

For problems not listed above, or if solutions do not resolve the issue, please contact Rath customer support.

8. Specifications

Attribute	Detail
Model Number	2400-808SSPC2
Manufacturer	Rath
Part Number	2400-808SSPC2
Product Dimensions (Overall)	11.5 x 8 x 3.25 inches
Dimensions (With Cover)	9-3/4"H x 6-1/2"W x 1-1/4"D
Dimensions (Back Box)	9-7/8"H x 6-1/2"W x 3"D

Attribute	Detail
Dimensions (Face Plate)	11-3/8"H x 8"W
Item Weight	5.9 pounds
Color	Silver
Finish	Silver
Power Source	Wired Electric
Item Package Quantity	1
Material	Stainless Steel (Cover)
First Available Date	January 1, 2014

9. WARRANTY AND SUPPORT

For specific warranty information regarding your Rath 2400-808SSPC2, please refer to the documentation provided at the time of purchase or visit the official Rath website. For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact Rath customer service:

- **Rath Customer Service:** Refer to the contact information provided on the unit (e.g., 800-451-1460 visible on image) or the official Rath website.

- **Website:** www.rathcommunications.com

Documents - Rath – 2400-808SSPC2

[pdf] Guide Warranty Diagram

Area of Refuge Two Way Communication System Mounting Guide Manuals Wiring Diagrams RATH® t 1652113975 sep yimg ty cdn yhst 71821772456199 |||
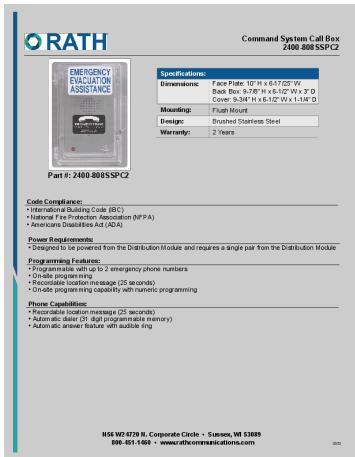Area of Refuge/Two-Way Communication System Mounting Guide Made in the USA 3 Year Warranty N56W247 ... 1.20 30.48 0.59 14.91 BACK BOX BOTTOM 0.89 22.65 R0.44 R11.11 Page 3 2100-958SSRC2, **2400-808SSPC2**, RP7700042PC back box only Page 4 2100-958SR, SUBPNBX back box only 0.12 3.048...
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[pdf] Diagram Catalog

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[RATH Emergency Communication Systems: Product Catalog and Code Compliance](#)

A comprehensive overview of RATH's emergency communication systems, including Area of Refuge, Nurse Call, and IP systems. Details product specifications, call boxes, base stations, signage, and relevant building code requirements from IBC and NFPA.

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Command System Call Boxes Part #: 2400-805SP Dimensions: 7-1/4 x H 4-3/4 W x 1-7/8 D Design: Sta ... 1/2 W x 3 D Cover: 9-3/4 H x 6-1/2 W x 1-1/4 D Design: Stainless Steel, Surface Mount Part #: **2400-808SSPC2** Face Plate: 11-3/8 H x 8 W Back Box: 9-7/8 H x 6-1/2 W x 3 D Cover: 9-3/4 H x 6-...

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