CareFusion

Pyxis SupplyStation® System v9.x

Pyxis® JITrBUD Enhanced System Installation Guide

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Part Number: 128700-01

Pyxis SupplyStation® System v9.x Pyxis® JITrBUD Enhanced System Installation Guide

Changes in equipment, software, or procedures occur periodically; information describing these changes will be included in future editions of the guide.

The information in this document is subject to change and does not represent a commitment on the part of CareFusion to provide additional services or enhancements.

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Information to User

Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Canadian Notice (Avis Canadien)

This Class A digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

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Contents

About This Guide

This guide provides hardware installation instructions for installing a Pyxis® JITrBUD enhanced system on a Pyxis SupplyStation® v9.x system.

This document and associated software are intended for use by CareFusion personnel only.

For additional information or assistance, call the Technical Support Center (TSC) at 1.800.625.6535 (from the United States, Canada, and Puerto Rico).

Defined Terms

The following table identifies the defined terms used throughout this document for certain products and product features.

Product/Feature	Defined Term
Pyxis® JITrBUD device enhanced base transceiver	JITrBUD enhanced base
Pyxis® JITrBUD device enhanced transceiver	JITrBUD enhanced transceiver
Pyxis® JITrBUD enhanced wireless open-access inventory management system	JITrBUD system
Pyxis® JITrBUD Main PC	JITrBUD Main
Pyxis® ScanAssist™ system	ScanAssist
Pyxis SupplyStation® system	SupplyStation

Conventions

This document uses the following conventions:

Text

- The names of document titles and cross references are formatted in *italics*.
- The names of buttons, menu commands, and icons are formatted in **bold**.
- The names of keys on the keyboard or JITrBUD enhanced transceiver are formatted in SMALL CAPS.

Icons

This document uses the following symbols:

Notes contain supplementary information or emphasize a point or procedure.

Caution indicates a potentially hazardous situation which, if not avoided, could result in minor or moderate injury. Caution is also used to alert against unsafe practices that could result in unpredictable results or data loss.

Chapter 1
Overview

This chapter provides an overview of the JITrBUD enhanced system and contains the following sections:

Introduction

This document provides instructions for installing the JITrBUD enhanced system hardware on a SupplyStation v9.x.

Features of the JITrBUD enhanced system include the following:

- The ability to attach the JITrBUD enhanced transceiver to a number of surfaces, such as:
  - Large and small bins
  - Wire racks
  - Smooth surfaces, such as walls or shelves
- Replaceable battery
- A tricolored LED provides feedback:
  - Green—indicates acknowledgement for Take and Return actions. Also indicates that the JITrBUD enhanced transceiver has been associated with a JITrBUD enhanced base. See *Configuring and Associating JITrBUD Enhanced Transceivers* on page *18*.
  - Amber—indicates that a JITrBUD enhanced transceiver is no longer associated with a base transceiver.
  - Red—indicates that the battery is low. See *Changing the Battery* on page *43* for instructions on replacing the CR2335 lithium battery.
- Fewer parts—only one JITrBUD enhanced base for communication between the JITrBUD enhanced transceivers and translator.

This guide describes JITrBUD enhanced transceivers, as shown in the following photograph:

Note the following visual differences between the JITrBUD enhanced transceiver and the previous version:

- The JITrBUD enhanced transceiver has an LED between the Take and Return buttons
- The edges of the JITrBUD enhanced transceiver are more rounded.
- The JITrBUD enhanced transceiver is slightly smaller: 2.60 in. (66.15mm) x 1.66 in. (42.15mm) x 0.51 in. (12.5mm).

Parts List

The following section provides parts lists for the various components of the JITrBUD system upgrade.

Table 1: Upgrade Parts List
128716-01 KIT,ROHS,UPGRADE,JITRBUD II

Item	Part Number	Common Name	Description	Qty
A	120549-01	12-foot PyxiBus cable	ASSY,ROHS,CABLE,INTERFACE,PYXIBUS,12 FT	1
B	121063-01	6-foot DB-9 cable	ASSY,ROHS,CABLE,DB9,6FT,M/F	1
C	124959-01	Translator	ASSY,ROHS,TRANSLATOR,RS232 TO PYXIBUS,V2.0,JB,INTL	1
D	128700-01	JITrBUD Install Guide	GUIDE,ROHS,INSTALL,PYXIS, JITRBUD	1
E	150269-01	JITrBUD enhanced base	KIT,ROHS,BASE,JITRBUD II,DOM	1

The JITrBUD upgrade kit, which includes the JITrBUD enhanced base, is ordered separately from the JITrBUD enhanced transceivers. See the following table for part numbers and descriptions for the JITrBUD enhanced transceivers.

E. JITrBUD enhanced base

Table 2: Parts List JITrBUD Enhanced Transceivers
PN 320533-01 KIT,ROHS,JITRBUD II,20 PACK,DOM

Item	Part Number	Common Name	Description	Qty
F	320423-01	JITrBUD enhanced transceiver with battery	ASSY,ROHS,XCVR,JITRBUD II,DOM	20
G	150260-01	Mounting bracket	BRACKET,ROHS,MOUNTING, JITRBUD II,UNIV	20
H	320436-01	VELCRO® tape	VELCRO,ROHS,MOUNTING,JITRBUD II	20

F. JITrBUD enhanced transceiver with battery

G. Mounting bracket

H. VELCRO® tape
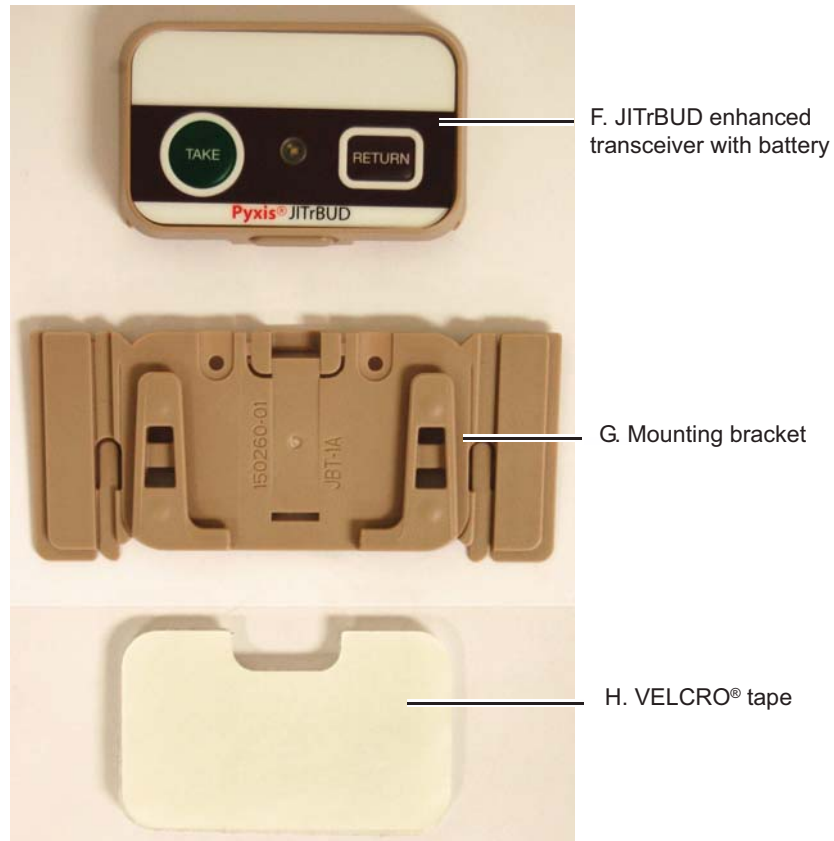
Additional Parts

A clamp can be helpful for mounting JITrBUD enhanced transceivers on wire racks.

Table 3: Clamp Parts List

Item	Part Number	Common Name	Description	Qty
I	320469-01	Clamp	CLAMP,ROHS,JITRBUD II	1

Clamp Front

Clamp back

You may also order JITrBUDs enhanced transceivers and brackets individually. Order the transceivers individually for replacement scenarios.

Table 4: Replacement Parts List

Item	Part Number	Common Name	Description	Qty
F	150291-01	JITrBUD enhanced transceiver with bracket and Velcro® tape	ASSY,ROHS,XCVR,JITRBUD II,DOM	1
G	150260-01	Mounting bracket	BRACKET,ROHS,MOUNTING, JITRBUD II,UNIV	20

Quick Start Checklist

The following checklist summarizes how to prepare for and perform the installation. Detailed instructions follow the checklist.

❏ Prepare for the upgrade as follows:

❏ Obtain an escort from the Materials department.

❏ Unpack the JITrBUD kit.

❏ Perform a proper software shutdown before turning the unit off using the **On/Off** switch.

❏ Install the PyxiBus kit

❏ Connect cables to the PyxiBus kit, enhanced base, and translator

❏ Configure and associate the JITrBUD enhanced base.

❏ Attach the JITrBUD enhanced transceivers to the appropriate surfaces.

Chapter 2

Installing the JITrBUD Enhanced Hardware

This chapter describes the steps for installing the JITrBUD enhanced base on a SupplyStation v9.x.

For information on installing a JITrBUD Main, see the *Pyxis SupplyStation® System v9.x Install and Support Guide* (PN 127578-05).

Preparing for the Installation

This section provides information and instructions that you need *before* doing the upgrade.

Tools Needed

The following tools are needed for the upgrade:

- Grounding strap
- Screwdriver (optional)

Obtaining Equipment Keys

CareFusion personnel must contact the hospital materials department to obtain the keys for the equipment being serviced. The materials department maintains control of all keys for Supply units needing service.

Unpacking the Hardware Kit

Unpack all the components and make sure you have everything by comparing the kit items you received with the *Parts List* on page *9*.

Shutting Down the SupplyStation

Perform the following steps to shut down the SupplyStation.

> ⚠ **Prevent ESD damage to system components. Use a grounding strap when working with electronics. Failure to do so may result in unpredictable results, data loss, or hardware damage.**

To shut down the SupplyStation

> ⚠ **To avoid database corruption or damage, be sure to perform an orderly software shutdown before turning off the main unit with the On/Off switch.**

1. Shut down the software and turn off the power switch on the SupplyStation unit.
2. After powering down the unit, unplug the AC power source.

Performing the Installation

The following subsections provide detailed instructions for installing the JITrBUD enhanced hardware on the SupplyStation v9.x.

Item numbers refer to the *Parts List* on page *9* of this guide.

Installing the JITrBUD Enhanced Hardware on a SupplyStation

Perform the following steps to install the JITrBUD enhanced hardware on a SupplyStation system.

To install the JITrBUD enhanced hardware

1. Connect the PyxiBus port on the PyxiBus Main Interface Board (MIB) to the translator (item C) using the 12-ft PyxiBus cable (item A).

2. Connect the enhanced base (item E) to the translator (item C) using the 6-ft DB-9 cable (item B).

See Figure 1 for a diagram of the MIB-to-JITrBUD peripheral hardware wiring.

> Mount the enhanced base as high as possible (on the ceiling if possible).
> If you are placing the enhanced base on a flat surface, such as the top of a cabinet, remove the four rubber feet from the bottom and use double-sided tape to secure the enhanced base to the surface.
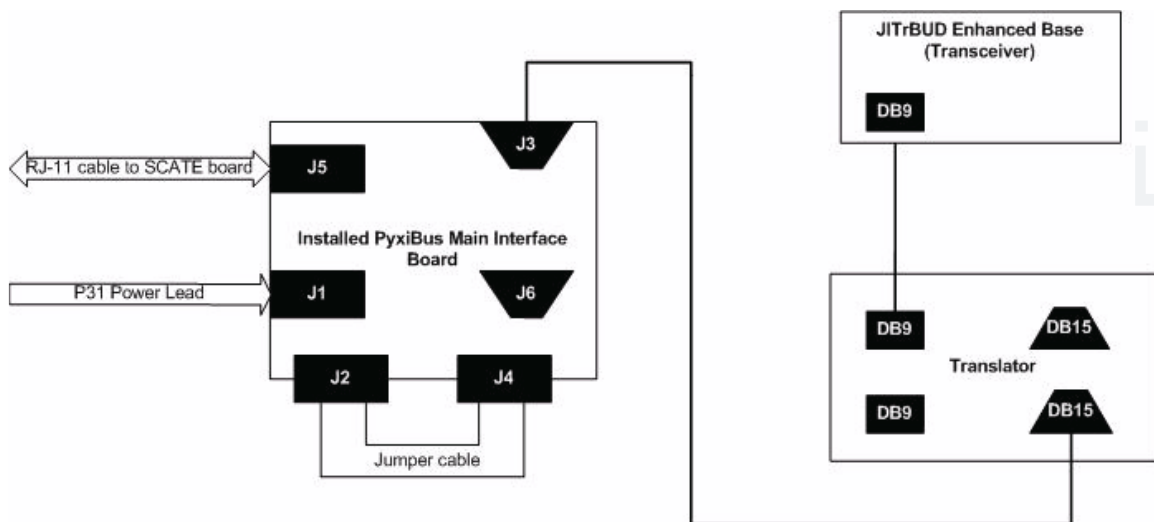

Figure 1 Hardware Wiring Diagram for Connecting a JITrBUD Enhanced Base to a SupplyStation

Setting the Frequency

The JITrBUD enhanced base communicates at the following four frequencies: 909.3 and 918.7 MHz, and 912.6 and 921.4 MHz. Set the switch on the base to hop between one of the two frequency pairs:

• To the left (A position) for 909.3 and 918.7 MHz

• To the right (B position) for 912.6 and 921.4 MHz

Switch
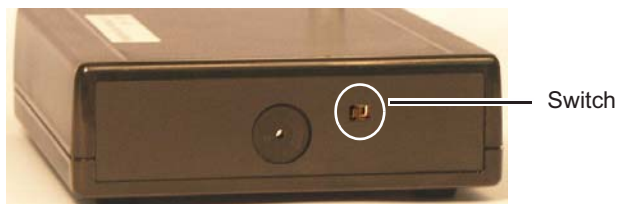
The JITrBUD hardware installation is now complete.

For instructions on installing a JITrBUD Main, see the *Pyxis SupplyStation® System v9.x Install and Support Guide* (PN 127578-05).

Chapter 3
Installing JITrBUD Enhanced Transceivers

This chapter provides information on configuring JITrBUD enhanced transceivers (units) and installing the units on surfaces such as bins, shelves, and walls.

Item numbers in this chapter refer to the *Parts List* on page *9* of this guide.
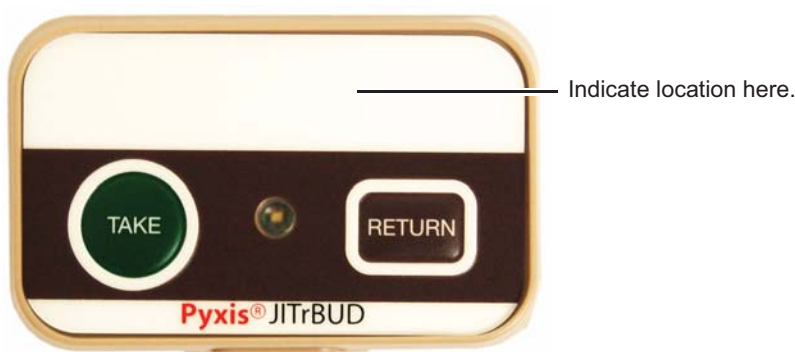
Preparing the JITrBUD Enhanced Transceivers

Before you install or attach the JITrBUD enhanced transceivers, the units must be configured and associated with a JITrBUD enhanced base.

Identifying JITrBUD Enhanced Transceivers

It is strongly recommended that you label the location of the JITrBUD enhanced transceiver on the front of the unit.

This identifying information helps ensure that a JITrBUD enhanced transceiver is returned to the proper location if it is removed from the mounting bracket or clamp, such as when the battery is changed.

Indicate location here.

Configuring and Associating JITrBUD Enhanced Transceivers

JITrBUD enhanced transceivers must be configured before the system can be used. This procedure can only be done at the station. You must configure and associate the transceivers at either a JITrBUD main or at the SupplyStation.

When you configure a JITrBUD enhanced transceiver, you are also associating it with a JITrBUD enhanced base.

**To configure and associate JITrBUD enhanced transceivers to a JITrBUD main**

1. Log in as the Pyxis technical user.

2. In the main menu, touch **Hardware Setup**.

3. In the Hardware Setup screen, select the cabinet, and then touch **Configure**.

4. Hold the JITrBUD enhanced transceiver near the JITrBUD base and press TAKE.

If the LED on the JITrBUD enhanced transceiver flashes but the JITrBUD enhanced base does not respond when you press Take on the transceiver, the transceiver might already be configured for a different location. Press and hold both the Take and Return buttons until the LED on the transceiver flashes an amber color and perform step 3 again.

The LED on the JITrBUD enhanced transceiver flashes a green color and the JITrBUD enhanced base beeps to confirm configuration.

The JITrBUD enhanced transceiver appears in the list.
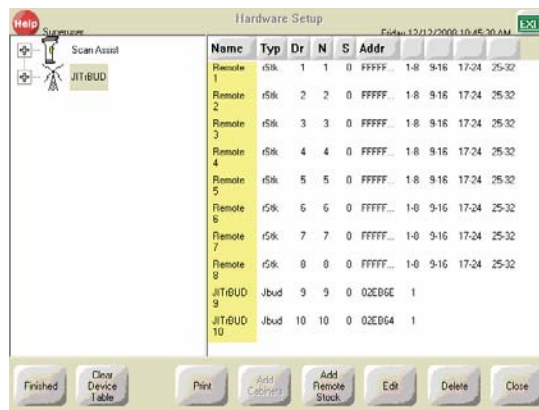
5. Repeat the previous step for each JITrBUD enhanced transceiver.

6. Edit the device description as desired to give it a more descriptive name than the default.

   One naming option is to include the device location. To edit the name of a JITrBUD enhanced transceiver:

   a. Select the device, and touch **Edit**.

   b. In the Edit Device dialog box, enter a name for the JITrBUD enhanced transceiver in the **Description** box, and touch **OK**. For more information on editing device descriptions, see the *Pyxis SupplyStation® v9.x Install and Support Guide*.

7. To return to the main menu, touch **Close**.

8. In the confirmation screen that appears, touch **Yes** to save the new configuration.

You can now load items at the specified location and the items will be available for Take/Return, Inventory, and Refill transactions at the station.

To configure and associate JITrBUD enhanced transceivers on the station

1. In the main menu, touch **Hardware Setup**.

2. In the Hardware Setup screen, select the cabinet, and then touch **Configure**.

3. Pick up the first JITrBUD enhanced transceiver to be configured.

4. Stand close to the station.

5. Press TAKE or RETURN on the JITrBUD enhanced transceiver.

   The JITrBUD enhanced transceiver is added to the device configuration list.

6. Edit the device description as desired to give it a more descriptive name than the default. One naming option is to include the device location. see the *Pyxis SupplyStation® v9.x Install and Support Guide* for information on editing device descriptions.

7. Repeat steps 1 through 6 for each JITrBUD transceiver you are configuring.

If you press Take or Return on a JITrBUD enhanced transceiver that is not associated with an enhanced base and the unit is out of range of an operating enhanced base, the transceiver remains in its unassociated state. This applies whether configuring and associating with a main or with the station.

The JITrBUD enhanced base and enhanced transceiver remain associated regardless of a power failure.

See the *Pyxis SupplyStation® System v9.x Install and Support Guide* for additional information on configuring JITrBUD enhanced transceivers on the station or on JITrBUD Main.

To reset a JITrBUD enhanced transceiver and enhanced base

• Press and hold down both the TAKE and RETURN buttons on the JITrBUD enhanced transceiver simultaneously for two seconds.

   The LED on the JITrBUD enhanced transceiver flashes three times in amber to indicate that the JITrBUD enhanced transceiver is no longer associated with the JITrBUD enhance base.

Mounting Options

JITrBUD enhanced transceivers can be installed on a number of surfaces, such as:

• Large and small bins

• Wire racks

• Shelves

• Walls

Each surface requires a different method of attaching the JITrBUD enhanced transceiver. In addition, in some instances you may need to adjust the size of the mounting bracket.

Adjusting the Size of the JITrBUD Mounting Bracket

The following section provides information about adjusting the size of the mounting bracket to fit different bins or for mounting on a wall.

Full-size Mounting Bracket

The default JITrBUD enhanced transceiver configuration as delivered has a mounting bracket with two extender tabs. This configuration works well on large bins.

Extender tabs

Mounting bracket with extender tabs
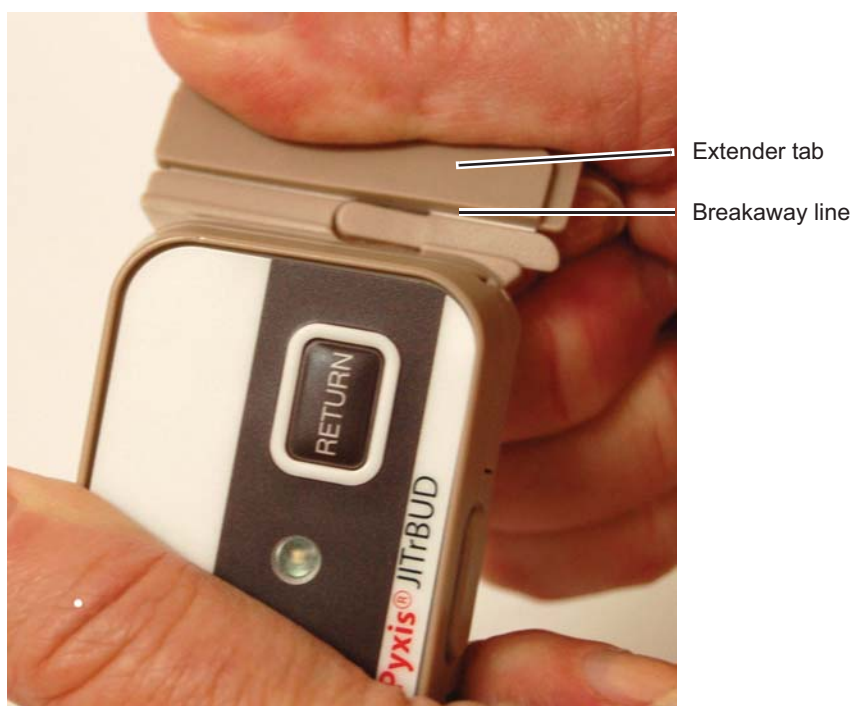
Shorter Mounting Bracket

You can shorten the width of the mounting bracket by snapping off the extender tabs. The shorter configuration works well on smaller bins and walls.

Mounting bracket without extender tabs

To snap the tabs off the mounting bracket

1. Hold the JITrBUD enhanced transceiver in the mounting bracket in one hand.

2. With the other hand, grasp the extender tab.

3. Fold the extender tab down along the breakaway line, the line closest to the end.

Extender tab

Breakaway line

4. Continue moving the tab down and up until you are able to break the tab away from the mounting bracket.

5. Repeat steps 1 through 4 for the other tab.

Removing the JITrBUD Enhanced Transceiver From the Mounting Bracket

Remove the JITrBUD enhanced transceiver from the mounting bracket when using a clamp (see *Installing a JITrBUD Enhanced Transceiver on a Wire Rack* on page *28*) and when changing the battery. You must remove the JITrBUD enhanced transceiver from the mounting bracket before attaching the bracket to a wall.

Use these procedures as well when removing and replacing a JITrBUD enhanced transceiver on a clamp.

To remove a JITrBUD enhanced transceiver from a mounting bracket

1. While holding the JITrBUD enhanced transceiver in your hand, press in on the release button at the bottom of the transceiver.

Release button

2. Slide the JITrBUD enhanced transceiver up and out of the mounting bracket.

Slide up and out.

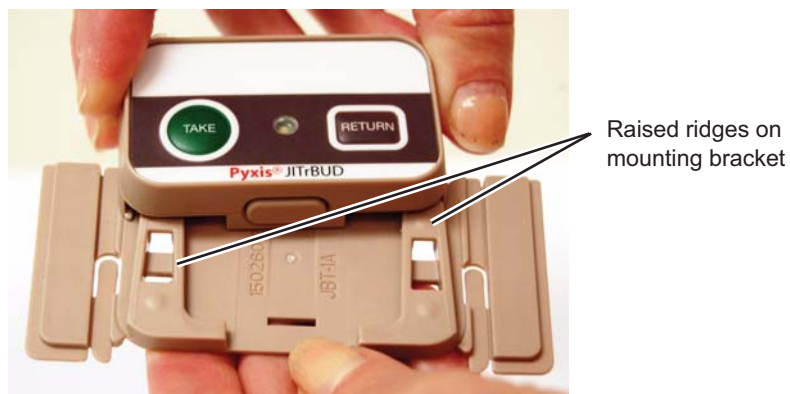**To replace a JITrBUD enhanced transceiver in a mounting bracket**

1. Hold the mounting bracket with the raised ridges facing you.

2. Align the edges of the JITrBUD enhanced transceiver with the ridges.

Raised ridges on
mounting bracket

3. Slide the JITrBUD enhanced transceiver down until you hear a click; the click signals that the JITrBUD enhanced transceiver is anchored to the mounting bracket.

Attaching or Installing JITrBUD Enhanced Transceivers

The procedures below suggest various scenarios for installing or attaching JITrBUD enhanced transceivers on the following surfaces:

*   Large bins

*   Small bins

*   Wire racks

*   Shelves

*   Walls

These procedures are intended as guidelines; however, you may find other installation procedures that work as well in the facility.

Installing a JITrBUD Enhanced Transceiver on a Large Bin

Use the JITrBUD enhanced transceiver in the full-size mounting bracket.

Required Parts

Part Number	Description	Quantity
320423-01	ASSY,ROHS,XCVR,JITRBUD II,DOM	1
150260-01	BRACKET,ROHS,MOUNTING,JITRBUD II,UNIV	1

To install a JITrBUD enhanced transceiver on a large bin

1. Remove the JITrBUD enhanced transceiver from its packaging.
    The JITrBUD enhanced transceiver should be in the mounting bracket.

2. Hold the JITrBUD enhanced transceiver by placing a finger on each side.

3. Align the extender tabs of the mounting bracket with the ridges of the bin as shown in the following photograph.

Extender tabs

Raised ridges on bin
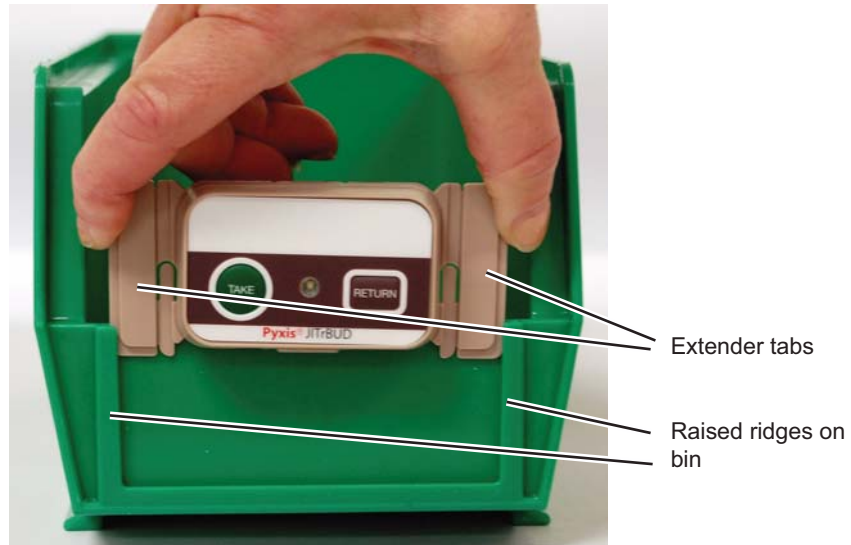
4. Slide the mounting bracket and JITrBUD enhanced transceiver to the bottom of the side of the bin.

    The tabs on the mounting bracket are behind the ridges of the bin.

Installing a JITrBUD Enhanced Transceiver on a Small Bin

Snap off the extended tabs to use the JITrBUD enhanced transceiver in the shorter bracket.

Required Parts

Part Number	Description	Quantity
320423-01	ASSY,ROHS,XCVR,JITRBUD II,DOM	1
150260-01	BRACKET,ROHS,MOUNTING,JITRBUD II,UNIV	1

To install a JITrBUD enhanced transceiver on a small bin

1. Remove the JITrBUD enhanced transceiver from its packaging.

   The JITrBUD enhanced transceiver should be in the mounting bracket.

2. Remove the extender tabs from the mounting bracket. See *Shorter Mounting Bracket* on page *16*.

3. Hold the JITrBUD enhanced transceiver by placing a finger on each side, as shown in the following photograph.

4. Align the extender tabs of the mounting bracket with the ridges of the bin, as shown in the following photograph.

   The ends of the mounting bracket are behind the ridges of the bin.

Installing a JITrBUD Enhanced Transceiver on a Wire Rack

Installing a JITrBUD enhanced transceiver on a wire rack requires that you use a clamp.
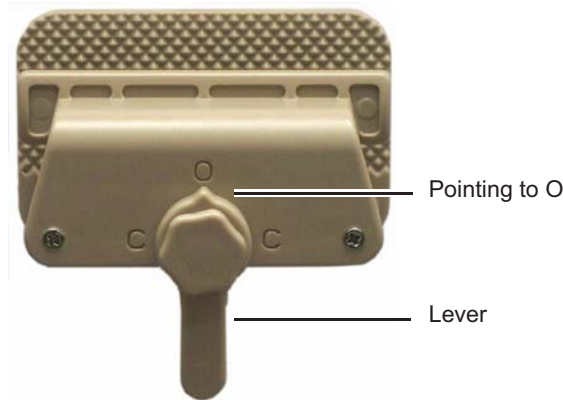

Clamp front

Clamp back

Required Parts

| Part Number	Description	Quantity
320423-01	ASSY,ROHS,XCVR,JITRBUD II,DOM	1
320469-01	CLAMP,ROHS,JITRBUD II	1

To install a JITrBUD enhanced transceiver on a wire rack

1. Remove the JITrBUD enhanced transceiver and clamp from their packaging. The JITrBUD enhanced transceiver should be in the mounting bracket.

2. Make sure the pointer at the top of the lever on the clamp is pointing to O.

Pointing to O

Lever

> ⚠ **When you are working with the clamp, take care not to catch your fingers in the space between the clamp mounting bracket and back of the clamp.**

3. Turn the hexagon-shape screw counter-clockwise to separate the back of the clamp from the clamp mounting bracket.

Turn hexagonal screw counter-clockwise
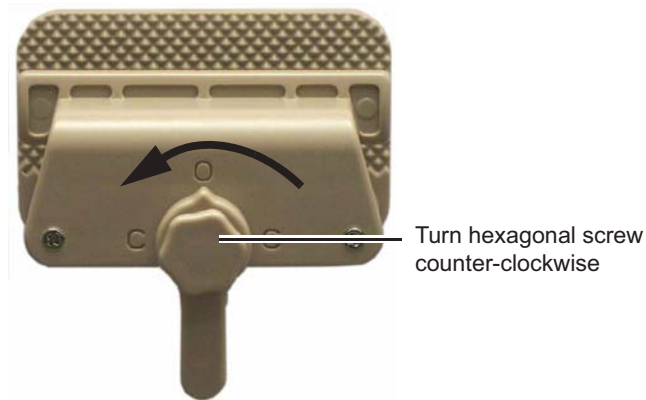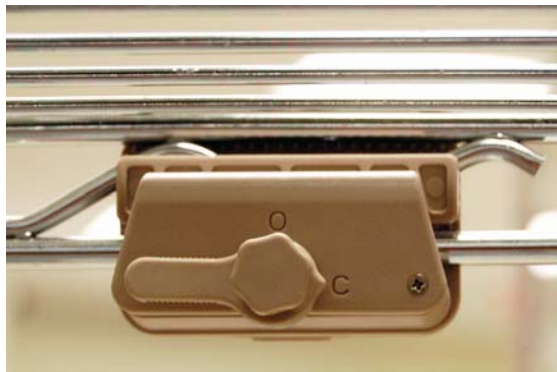
4. Slide the clamp up from the bottom of the wire rack.

5. Turn the hexagon-shaped screw clockwise to tighten the clamp on the wire rack.

Turn hexagonal screw clockwise

6. Turn the lever to C to lock the screw in place.

7. Remove the JITrBUD enhanced transceiver from the mounting bracket. See *To remove a JITrBUD enhanced transceiver from a mounting bracket* on page *23*.

8. Slide the JITrBUD enhanced transceiver onto the front of the clamp, aligning the recessed areas on the back of the JITrBUD enhanced transceiver with the ridges on the front of the clamp.

Raised ridges on front of clamp

9. Push the JITrBUD enhanced transceiver down until you hear the click, signalling that it is anchored in the clamp.

To remove the JITrBUD enhanced transceiver and clamp

1. Turn the lever on the clamp to O.
2. Turn the hexagon-shaped screw counter-clockwise to loosen the clamp's grip on the rack.
3. Slide the clamp downward to remove it from the rack.
4. Turn the hexagon-shaped screw clockwise to tighten the clamp.
5. Store the JITrBUD enhanced transceiver and clamp in an appropriate place.

## Installing a JITrBUD Enhanced Transceiver on a Shelf

Required Parts

Part Number	Description	Quantity
320423-01	ASSY,ROHS,XCVR,JITRBUD II,DOM	1
150260-01	BRACKET,ROHS,MOUNTING,JITRBUD II,UNIV	1
320436-01	VELCRO,ROHS,MOUNTING,JITRBUD II	1

### To install a JITrBUD enhanced transceiver on a shelf

This installation method works on both horizontal surfaces, such as shelves, and vertical surfaces, such as walls or the sides of cabinets.

1. Remove the JITrBUD enhanced transceiver from its packaging.

   The JITrBUD enhanced transceiver should be in the mounting bracket.

2. Remove the extender tabs from the mounting bracket. See *Shorter Mounting Bracket* on page *16*.

3. Remove the JITrBUD enhanced transceiver from the mounting bracket. See *To remove a JITrBUD enhanced transceiver from a mounting bracket* on page *23*.

4. Remove the top tab from the mounting bracket.

   Removing the tab allows the bracket to lie flush against the shelf.

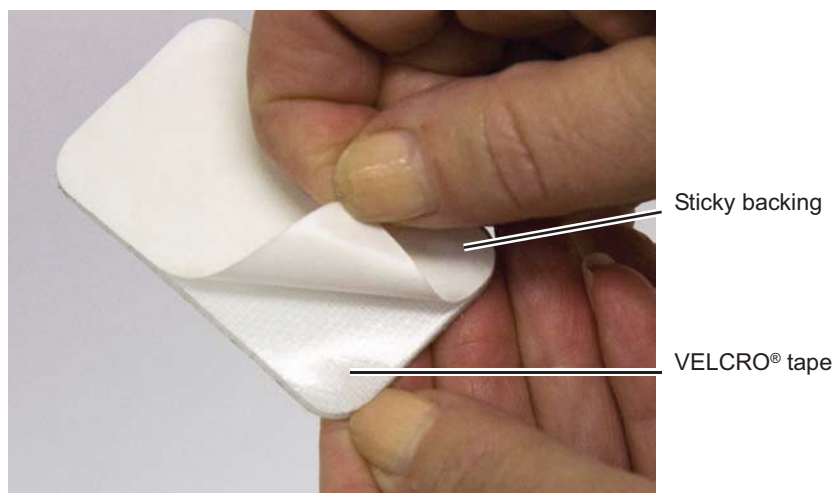   a. Clip the connectors on either side of the top tab as shown:
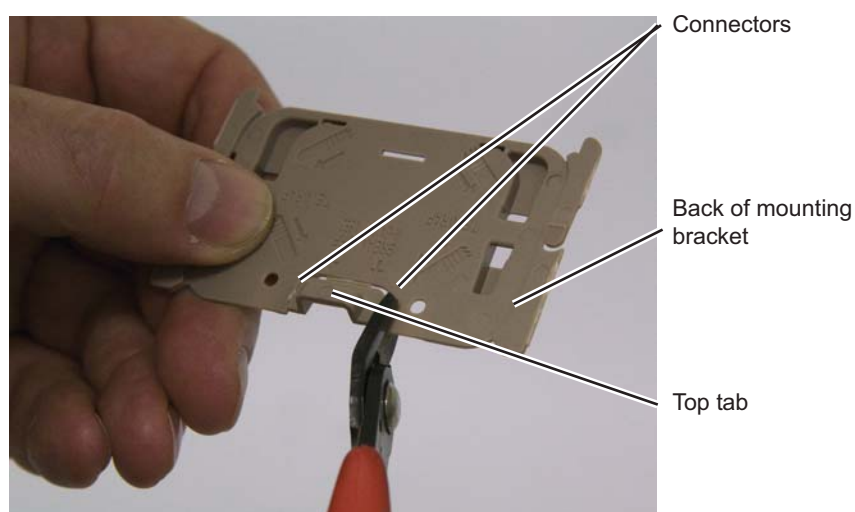
The tab is still attached by the bottom connector.

    b.   Move the tab back and forth until you are able to break the tab away from the mounting bracket.
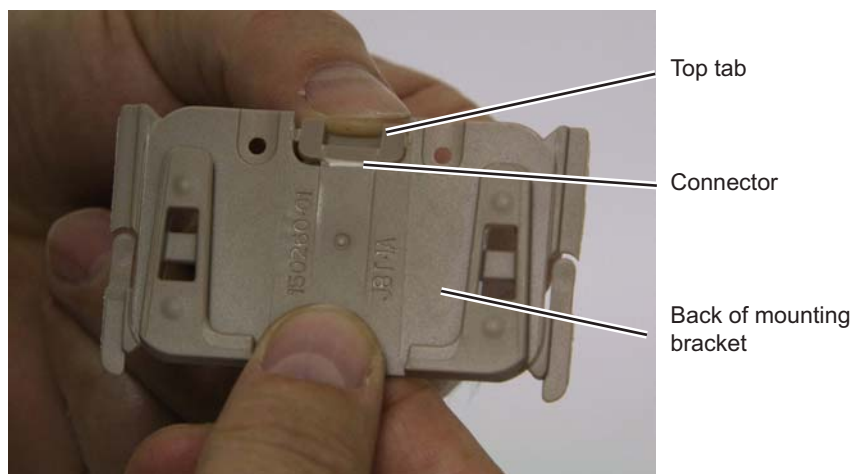
    5.   Affix the VELCRO® tape to the mounting bracket as follows:

    a.   Remove the sticky backing from one side of the VELCRO® tape.

    b.   Align the cutouts on the mounting bracket and the tape, and place the VELCRO® tape sticky side down on the mounting bracket.
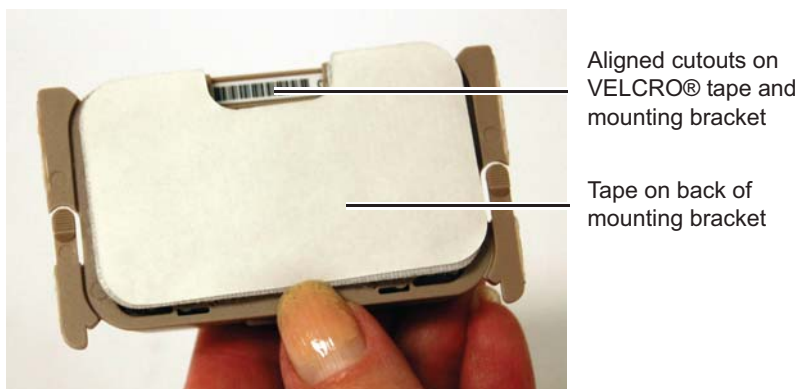
Put the VELCRO® tape on the back of the mounting bracket only; do not put VELCRO® tape directly on the back of the JITrBUD enhanced transceiver.

    c.   Press the tape in place.

The hook and loop sides are still together.

Aligned cutouts on
VELCRO® tape and
mounting bracket

Tape on back of
mounting bracket

6. Place the JITrBUD enhanced transceiver in the desired location as follows:

    a. Separate the hook and loop sides of the VELCRO® tape on the mounting bracket.

    b. Remove the backing from the side of the VELCRO® tape you will place on the shelf.

    c. Press the VELCRO® tape in the desired location.

    d. Place the JITrBUD enhanced transceiver —in the mounting bracket—over the VELCRO® tape on the shelf, aligning the cutouts.

Attaching a JITrBUD Enhanced Transceiver to a Wall

Attaching the mounting bracket and JITrBUD enhanced transceiver to a wall requires screws or nails. You can also attach the mounting bracket using VELCRO® tape. See *Installing a JITrBUD Enhanced Transceiver on a Shelf* on page *32*.

Required Parts

Part Number	Description	Quantity
320423-01	ASSY,ROHS,XCVR,JITRBUD II,DOM	1
150260-01	BRACKET,ROHS,MOUNTING,JITRBUD II,UNIV	1

You will also need a hammer and nails or screws and a screwdriver, depending on how you will install the JITrBUD enhanced transceiver.

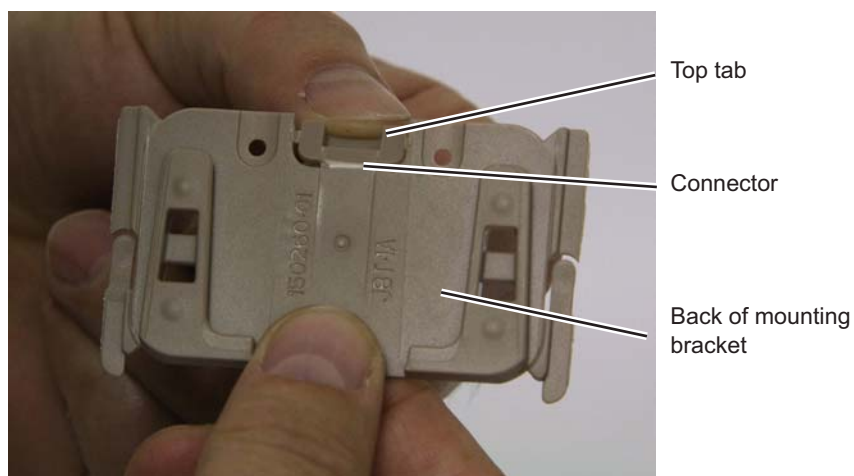### To attach a JITrBUD enhanced transceiver to a wall

1. Remove the JITrBUD enhanced transceiver and mounting bracket from the packaging.

    The JITrBUD enhanced transceiver should be in the mounting bracket.

2. Remove the extender tabs from the mounting bracket. See *Shorter Mounting Bracket* on page *22*.

3. Remove the top tab from the mounting bracket as follows:

   a. Clip the connectors on either side of the top tab as shown:
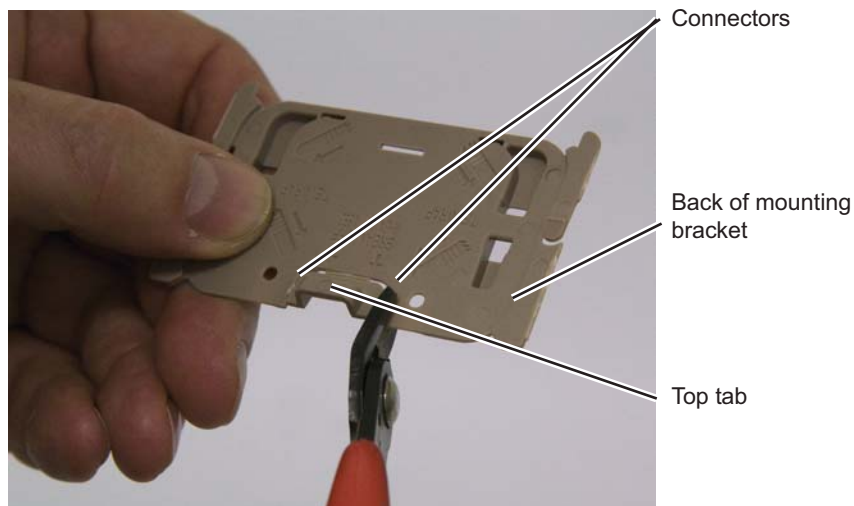
    Connectors

    Back of mounting bracket

    Top tab

   The tab is still attached by the bottom connector.

   b. Move the tab back and forth until you are able to break the tab away from the mounting bracket.

    Top tab

    Connector

    Back of mounting bracket

   Removing this extension allows to bracket to rest flush against the wall.

4. Position the mounting bracket in the desired position on the wall, and mark that spot.

> Consider asking several people of different heights to stop by so that you can position the mounting bracket at a convenient height for users.

5. Remove the JITrBUD enhanced transceiver from the mounting bracket. See *Removing the JITrBUD Enhanced Transceiver From the Mounting Bracket* on page *23*.

6. Attach the mounting bracket to the wall using screws or nails.

Insert nails or screws here.
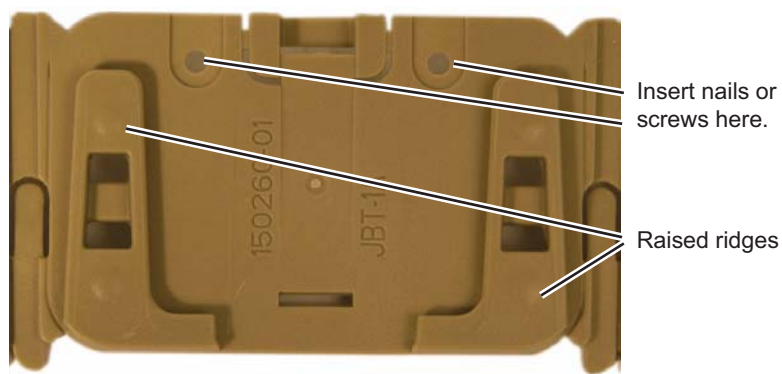
Raised ridges

Take care not to damage the bracket when you are attaching it to the wall.

7. Slide the JITrBUD enhanced transceiver into the mounting bracket, aligning the recessed areas on the back of the JITRBUD enhanced transceiver with the raised ridges on the mounting bracket.

Uninstalling JITrBUD Enhanced Transceivers

Unload and remove JITrBUD enhanced transceivers through the Hardware Configuration menu.

To uninstall JITrBUD enhanced transceivers

1. Log in as the Pyxis technical user.

2. Touch **Inventory Management**.

3. Touch **Load-Unload**.

4. Do one of the following:

   a. If you are removing JITrBUD units from a station, go to step 5.

   b. If you are removing JITrBUD units from a JITrBUD main, touch **Unload Items**.

5. Select the location of the bin.

6. Select the item to unload.

7. Touch **Unload**.

   This action unloads items from the bin, but does not delete the bin.

8. Touch **Yes** when you receive a message confirming that you want to delete the selected item.

9. Touch **Close** to return to the main menu.

10. Touch **Hardware Setup**.

> The station software is set up so that only the last device in the list can be deleted.

11. Touch **Delete**.

12. Touch **Save**.

13. Remove the JITrBUD transceiver.

14. Touch TAKE and RETURN simultaneously for two seconds on the JITrBUD enhanced transceiver to reset both the transceiver and the base transceiver.

15. Provide the uninstalled enhanced transceivers to the system manager at the facility, so that he or she may ensure that the units are disposed of properly.

Upgrading to SupplyStation 9.x

If you are upgrading from SupplyStation v8.x to SupplyStation v9.x, you must replace your existing JITrBUD transmitters and bases with JITrBUD enhanced transceivers and enhanced bases. See *Chapter 2*, *Installing the JITrBUD Enhanced Hardware* for information on installing a JITrBUD enhanced base.
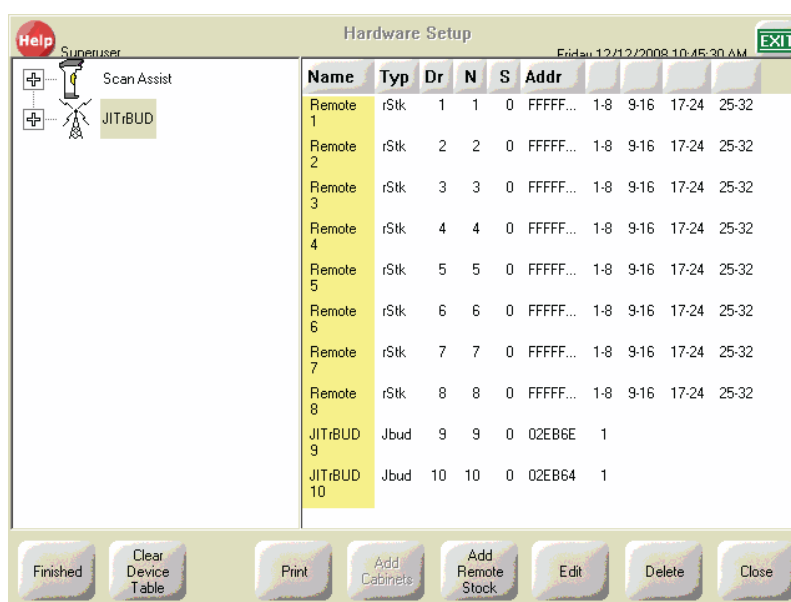
To replace a JITrBUD transmitterr

For sites that currently have JITrBUD installed and are upgrading to the JITrBUD uncanceled system, a "replace" can be done, which allows you to retain the name associated with the location of the old JITrBUD. This can minimize workflow impact for the customer during the upgrade.

1. Log in as the Pyxis technical user.

2. In the main menu, touch **Hardware Setup**.

   The Hardware Setup screen appears.

3. Select the JITrBUD transmitter to be replaced and touch **Edit**.

The Edit Device dialog box appears.

4. With the Edit Device dialog box open, hold the JITrBUD enhanced transceiver near the JITrBUD enhanced base, and press TAKE or RETURN.

The LED lights up on the enhanced transceiver and the base beeps to confirm configuration.

The Edit Device dialog box displays a message in the bottom left corner indicating whether the replacement was accepted or rejected. If the replacement was accepted, the new address for the replacement JITrBUD enhanced transceiver appears in the address field.

If the LED on the enhanced transceiver flashes but the JITrBUD enhanced base does not respond when pressing Take on the JITrBUD enhanced transceiver, it might already be configured for a different location. Press and hold both the Take and Return buttons until the LED flashes an amber color and perform step 3 again.

5. Touch **OK**.

A confirmation message appears, asking if the replacement is correct.

6. If the replacement is correct, touch **Yes**.

7. Perform one of the following:

    •   If additional transmitters need replacement, repeat steps 2–5.

    •   If you have finished changing transmitters, touch **Close** on the Hardware Setup screen.

    A message appears, asking if you want to save the configuration changes.

8. To save the station configuration changes, touch **Yes**.

Chapter 4
Troubleshooting

This chapter provides troubleshooting tips and instructions for changing the battery in an JITrBUD enhanced transceiver.

Troubleshooting Tips

Transceivers from other stations are registering themselves when configuring a new station.	• JITrBUD enhanced transceivers have an effective range of approximately 75feet. Transmissions from one station can carry through walls and floors and be received at another station. During the process of configuring the JITrBUD enhanced transceivers, it is possible for a JITrBUD enhanced transceiver from another nearby station to register itself on the station you are configuring. • Pay attention to the Hardware Setup screen and listen for the beep tones that indicate received transmissions when configuring. Delete any JITrBUD enhanced transceivers that do not belong on the station in your configuration before continuing. You can only delete the last device on the configuration list. • If possible, plan ahead to minimize the cross-talk between stations.
How can I verify the proper location of a JITrBUD enhanced transceiver?	• You can confirm the location of a JITrBUD enhanced transceiver by checking the serial number of the JITrBUD enhanced transceiver on the Hardware Setup screen. See *Configuring and Associating JITrBUD Enhanced Transceivers* on page *18*.
When associating a JITrBUD enhanced transceiver and a JITrBUD enhanced base, the LED on the enhanced transceiver flashes in amber, but the JITrBUD enhanced base does not beep.	• The JITrBUD enhanced transceiver is already associated with a base. • Either associate a different JITrBUD enhanced transceiver or reset the one you are holding before associating it again with another base.

Changing the Battery

The LED on the JITrBUD enhanced transceiver shines red to indicate that the battery is low.

To change the battery in a JITrBUD

1. If necessary, remove the JITrBUD enhanced transceiver from the mounting bracket or clamp. See *Removing the JITrBUD Enhanced Transceiver From the Mounting Bracket* on page *23*.

Slide JITrBUD up and out.

2. Remove the two screws from the battery compartment cover on the back of the JITrBUD enhanced transceiver.

   Use a #1 Phillips screwdriver.

Screws

Cover

3. Remove the battery compartment cover.
4. Remove the battery.

5. Insert the new battery.

> ⚠️ **Be sure to insert the new battery with the positive terminal (+) facing up.**

6. Replace the battery compartment cover.

7. Return the JITrBUD enhanced transceiver to the wall, shelf, or mounting bracket, as necessary. If the JITrBUD enhanced transceiver was in a mounting bracket, see *To replace a JITrBUD enhanced transceiver in a mounting bracket* on page *24*.

> 📝 Be sure to return the JITrBUD enhanced transceiver to the proper location, as noted on the white strip on the front. See *Identifying JITrBUD Enhanced Transceivers* on page *18* for more information.
>
> You can also determine location by checking the JITrBUD enhanced transceiver's serial number on the Hardware Setup dialog box. See *Configuring and Associating JITrBUD Enhanced Transceivers* on page *18*.

Serial number