

CB440/CB511 Installation And Programming Instruction

Individual callbox addresses should be determined prior to starting the installations. As an un-programmed callbox defaults to an address of 001, this position in the control unit may be left blank or have an advisory message.

Location Considerations

Call boxes are generally best located at areas that require assistance to access store merchandise, such as high shelving, chain and rope cutting, key machine, etc. Stores and installers should be aware of Americans With Disabilities Act (ADA) requirements for accessibility.

The call boxes utilize a very low powered transmitter, and operate best with a clear line of sight to the nearest receiver. Tall shelving, merchandise and metal signs can block or reduce the callbox signal.



CB440 (above)
and CB511 (right)

Install the Call Box

1. Verify call box placement with the Store Manager and determine the best mounting method. *Note: Before installing the call box, verify address programming.*
 - If mounting the call box to glass display case, affix the double-sided foam tape to the back panel of the call box.
 - If mounting the call box to the wall, affix the Velcro tape to the back panel of the call box.
 - If mounting the call box to a wood surface, open the call box and use the included hardware to secure the call box to the wooden surface. (CB440 only)
2. Install the back panel with the provided hardware.

Programming CB440/CB511 Call Box Address

NOTE: IF INSTALLED, JUMPER JP2 MUST BE REMOVED DURING PROGRAMMING. WHEN POWERED UP, THE CALL BOX WILL DEFAULT TO 001.

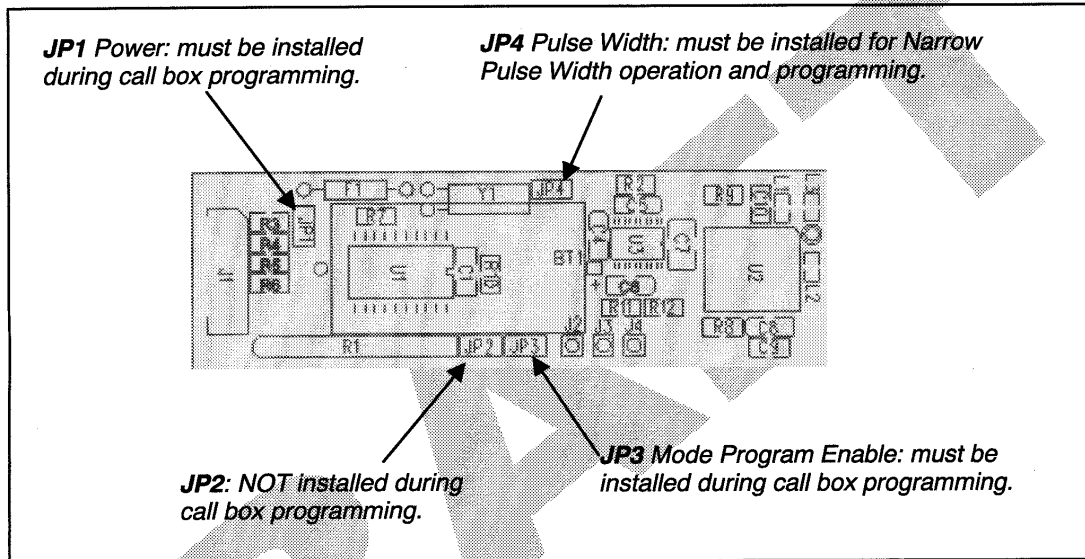
The Address and Mode for each call box are listed in the Store Installation and Operation Manual for the specific store install. Refer to the data tables in Appendix A of the Store Installation and Operation Manual for the correct Mode and Address for each call box you are programming.

1. Press and hold the RESET button for approximately 5 seconds.
2. LED 1 will flash to indicate the call box is in address programming mode.
3. Press button 1 to increment the hundreds digit. LED 1 will flash with each press.
4. Press the RESET button when finished with the hundreds digit.
5. Press button 1 to increment the tens digit. LED 1 will flash with each press.

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6. Press the RESET button when finished with the tens digit.
7. Press button 1 to increment the ones digit. LED 1 will flash with each press.
8. Press the RESET button when finished with the ones digit.
9. The address just programmed should flash back on the LED 1 with a pause between each digit. (Note: the LED will indicate a zero value by staying on for a longer period of time, approximately 1 second).



Revised PCA for CB440 and CB511

Mode Summary:

The new CB440/511 Call Box PCA has seven operating modes as in *TSN001: Wireless Call Boxes*. For normal installation, each call box is programmed at the factory. If it becomes necessary to re-program the call box, please refer to the TSN001 in the [Store Installation and Operation Manual](#) for additional programming features and requirements. If the manual is not available, please contact the Indyme Help Desk at 800-829-6141 for additional support.

Note: older models of these call boxes are not "Mode" programmable. Before programming these call boxes, identify what model of circuit board is installed in the unit as per the serial number or the PCA illustration above.

FCC Notice Of Compliance: This equipment complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device must not cause harmful interference and (2) This device must accept any interference received, including any interference that may cause undesired operation. Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

CB475 Installation And Programming Instruction

Individual callbox addresses should be determined prior to starting call box installations. As an un-programmed callbox defaults to an address of 001, this position in the control unit may be left blank or have an advisory message.

Installing CB475 Call Boxes

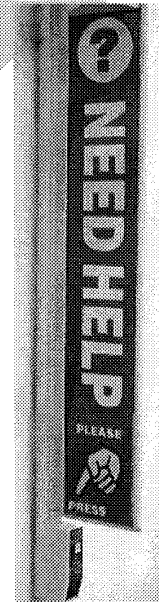
Location Considerations

Call boxes are generally best located at areas that require assistance to access store merchandise, such as: high shelving, chain and rope cutting, or key machines. Stores and installers should be aware of Americans with Disabilities Act (ADA) requirements for accessibility.

The CB475 call boxes utilize a very low powered transmitter, and will operate best with a clear line of sight to the nearest receiver. Tall shelving, merchandise and metal signs can block or reduce the callbox signal.

Install the Call Box

1. For ADA compliant locations, measure up 48" from the finished floor. Mark this height, and use it for the center of the bottom bracket. (See the *Bracket Mounting Diagram* on page 2 of this document.)
2. Determine mounting style and install the bottom mounting bracket as detailed below.
 - a. **For drywall mounting:** Each bracket has three holes. Use the two holes *nearest* to one another and secure the bottom bracket to the drywall, using the white plastic drywall anchors and screws (p/n: 180060-00) provided.
 - b. **For sheet metal (shelving) or wood mounting:** Each bracket has three holes, use the two holes *furthest* from one another. Mark the bottom bracket hole locations on the wall. Use the provided self-tapping TEK screws (p/n: 180200-20) to secure the bracket to the mounting surface. If necessary, drill two pilot holes using a 5/32" bit, then install the self-tapping TEK screws.
 - c. **For masonry mounting:** Mark the bottom bracket holes, using the two holes *furthest* from one another. Use a 1/4" masonry bit and drill a hole deep enough (approximately 1") for the green plastic masonry anchors (p/n: 180064-00). Install the masonry anchors, and secure the bracket with provided anchor-screws .
3. Install the top mounting bracket using the same hardware and technique as used for the bottom bracket. Measure up 24" from the middle of the installed bottom bracket and position the middle of the top bracket here. A level should be used to insure that the installed callbox will be plumb.
4. Start one slotted hex-washer head screw (p/n: 180066-00) in each bracket.



CB475 Installation And Programming Instruction

Individual callbox addresses should be determined prior to starting call box installations. As an un-programmed callbox defaults to an address of 001, this position in the control unit may be left blank or have an advisory message.

Installing CB475 Call Boxes

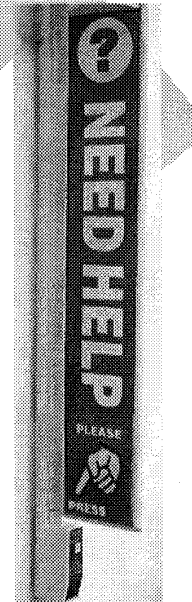
Location Considerations

Call boxes are generally best located at areas that require assistance to access store merchandise, such as: high shelving, chain and rope cutting, or key machines. Stores and installers should be aware of Americans with Disabilities Act (ADA) requirements for accessibility.

The CB475 call boxes utilize a very low powered transmitter, and will operate best with a clear line of sight to the nearest receiver. Tall shelving, merchandise and metal signs can block or reduce the callbox signal.

Install the Call Box

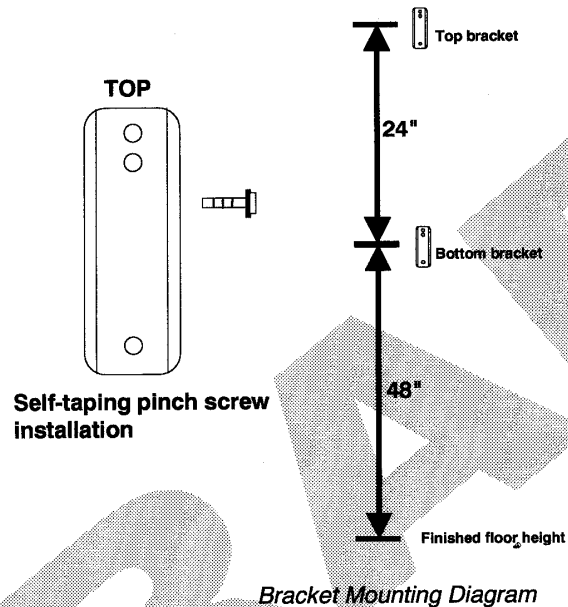
1. For ADA compliant locations, measure up 48" from the finished floor. Mark this height, and use it for the center of the bottom bracket. (See the *Bracket Mounting Diagram* on page 2 of this document.)
2. Determine mounting style and install the bottom mounting bracket as detailed below.
 - a. **For drywall mounting:** Each bracket has three holes. Use the two holes *nearest* to one another and secure the bottom bracket to the drywall, using the white plastic drywall anchors and screws (p/n: 180060-00) provided.
 - b. **For sheet metal (shelving) or wood mounting:** Each bracket has three holes, use the two holes *furthest* from one another. Mark the bottom bracket hole locations on the wall. Use the provided self-tapping TEK screws (p/n: 180200-20) to secure the bracket to the mounting surface. If necessary, drill two pilot holes using a 5/32" bit, then install the self-tapping TEK screws.
 - c. **For masonry mounting:** Mark the bottom bracket holes, using the two holes *furthest* from one another. Use a 1/4" masonry bit and drill a hole deep enough (approximately 1") for the green plastic masonry anchors (p/n: 180064-00). Install the masonry anchors, and secure the bracket with provided anchor-screws .
3. Install the top mounting bracket using the same hardware and technique as used for the bottom bracket. Measure up 24" from the middle of the installed bottom bracket and position the middle of the top bracket here. A level should be used to insure that the installed callbox will be plumb.
4. Start one slotted hex-washer head screw (p/n: 180066-00) in each bracket.



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5. Install the signs (if not already installed) into the sign extrusion. Install the top and bottom caps.
6. Install the call box by sliding it over the brackets. Position the bottom of the callbox flush with the lower edge of the bottom bracket. Verify the red antenna wire (from the PCA inside the call box) is routed up the back, inside of the sign blade.
7. Firmly tighten the slotted hex-washer head screw with a nut-driver. The screws do not have to be extremely tight to hold the callbox.



Programming CB475 Call Boxes

The Address and Mode for each call box are listed in the Store Installation and Operation Manual for the specific store install. Refer to the data tables in Appendix A of the Store Installation and Operation Manual for the correct Mode and Address for each call box you are programming.

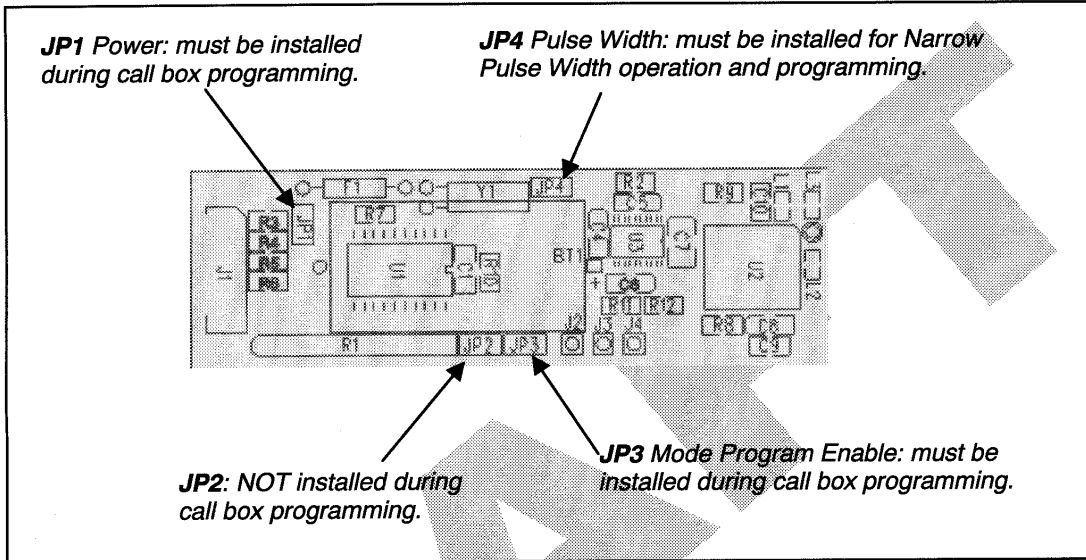
NOTE: IF INSTALLED, JUMPER JP2 MUST BE REMOVED DURING PROGRAMMING. WHEN POWERED UP, THE CALL BOX WILL DEFAULT TO 001.

1. Press and hold the RESET button for approximately 5 seconds.
2. LED 1 will flash to indicate the call box is in address programming mode.
3. Press button 1 to increment the hundreds digit. LED 1 will flash with each press.
4. Press the RESET button when finished with the hundreds digit.
5. Press button 1 to increment the tens digit. LED 1 will flash with each press.
6. Press the RESET button when finished with the tens digit.
7. Press button 1 to increment the ones digit. LED 1 will flash with each press.
8. Press the RESET button when finished with the ones digit.

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- The address just programmed should flash back on the LED 1 with a pause between each digit. (Note: the LED will indicate a zero value by staying on for a longer period of time, approximately 1 second).



PCA for CB475

Mode Summary:

The new CB475 Call Box PCA has seven operating modes as defined in *TSN001: Wireless Call Boxes*. For normal installation, each call box is programmed at the factory. If it becomes necessary to re-program the call box, please refer to the TSN001 in the *Store Installation and Operation Manual* for additional programming features and requirements. If the manual is not available, please contact the Indyme Help Desk at 800-829-6141 for additional support.

Note: older models of these call boxes are not "Mode" programmable. Before programming these call boxes, identify what model of circuit board is installed in the unit as per the serial number or the PCA illustration above.

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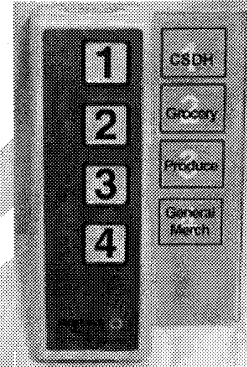
CB514 Installation And Programming Instruction

Individual callbox addresses should be determined prior to starting the installations. As an un-programmed callbox defaults to an address of 001, this position in the control unit may be left blank or have an advisory message.

Location Considerations

Director call boxes are generally best located in high volume areas that demand a way to request additional services quickly, such as front registers or service counters. Stores and installers should be aware of Americans With Disabilities Act (ADA) requirements for accessibility.

The call boxes utilize a very low powered transmitter, and operate best with a clear line of sight to the nearest receiver. Tall shelving, merchandise and metal signs can block or reduce the callbox signal.



Install the CB514 Call Box

1. Verify call box and clear plastic label sleeve placement with the Store Manager. *(The label sleeve is optional and may not be used in all applications.)*
2. Identify which side of the CB514 the label sleeve should be attached for the best visibility and avoiding damage (the sleeve can be mounted on the left or right side of the call box).
3. Slide the label into the clear plastic sleeve (double-sided tape or Velcro will be installed on the bottom of the label sleeve).

Programming the CB514 Call Box

To program the CB514, program the first button and the remaining three buttons are automatically programmed with the next numerical values. When the call box "flashes" the newly programmed address, the zero value will be indicated by a longer (slightly over a second) flash. For example: an address of 001 would be shown as long flash (0), pause, long flash(0), pause, and a short flash (1).

NOTE: IF INSTALLED, JUMPER JP2 MUST BE REMOVED DURING PROGRAMMING. WHEN POWERED UP, THE CALL BOX WILL DEFAULT TO 001.

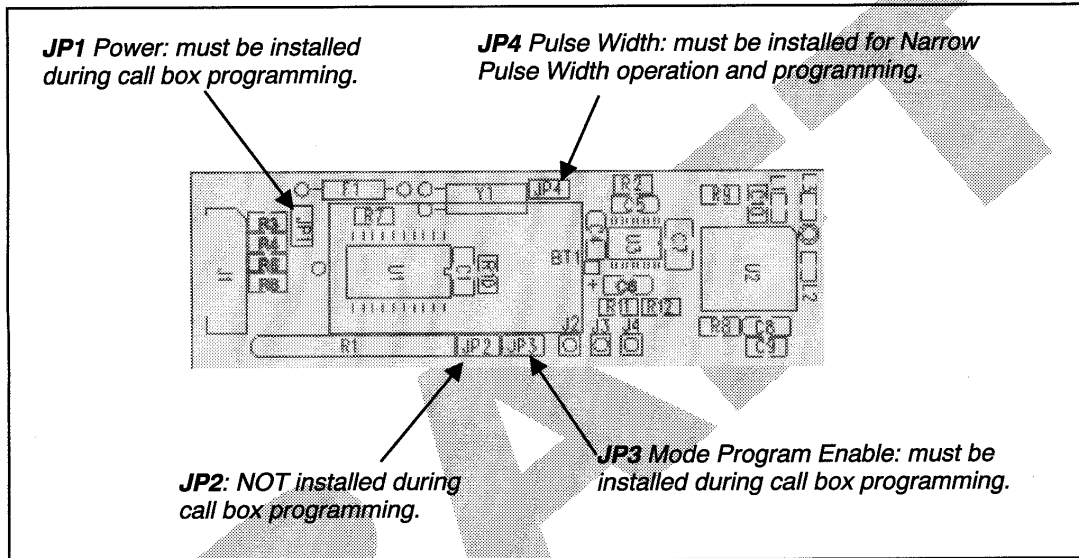
The Address and Mode for each call box are listed in the Store Installation and Operation Manual for the specific store install. Refer to the data tables in Appendix A of the [Store Installation and Operation Manual](#) for the correct Mode and Address for each call box you are programming.

1. Press and hold the RESET button for approximately 5 seconds.
2. LED 1 will flash to indicate the call box is in address programming mode.
3. Press button 1 to increment the hundreds digit. LED 1 will flash with each press.
4. Press the RESET button when finished with the hundreds digit.
5. Press button 1 to increment the tens digit. LED 1 will flash with each press.

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6. Press the RESET button when finished with the tens digit.
7. Press button 1 to increment the ones digit. LED 1 will flash with each press.
8. Press the RESET button when finished with the ones digit.
9. The address just programmed should flash back on the LED 1 with a pause between each digit. (Note: the LED will indicate a zero value by staying on for a longer period of time, approximately 1 second).



Revised PCA for CB514

Mode Summary:

The new CB514 Call Box PCA has seven operating modes as defined in *TSN001: Wireless Call Boxes*. For normal installation, each call box is programmed at the factory. If it becomes necessary to re-program the call box, please refer to the *TSN001 in the Store Installation and Operation Manual* for additional programming features and requirements. If the manual is not available, please contact the Indyme Help Desk at 800-829-6141 for additional support.

Note: older models of these call boxes are not "Mode" programmable. Before programming these call boxes, identify what model of circuit board is installed in the unit as per the serial number or the PCA illustration above.

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