



GAI-TRONICS® CORPORATION
A HUBBELL COMPANY

Hookswitch Assembly Replacement Kit

Model 12512-012

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General Information

The Model 12512-012 Hookswitch Assembly Replacement Kit is designed for use on the following telephones:

- 210-x0x Series
- 27x-x0xBH Series

This kit contains the following components:

Qty	Description
• 1	Cradle/Hookswitch Assembly with Gasket
• 1	Cable tie

Model 210-x0x and 210-x0xBH Series Telephones

Remove the Old Assembly

1. Remove the four tamper-resistant front cover screws securing the phone to the mounting plate. Retain the screws (See [Figure 1](#)).
2. **Model 210-00x/210-00xBH Series**—Disconnect the red, green, yellow, and black wires from terminal block TB1 on the Industrial Telephone PCBA (See [Figure 2](#)).
Model 210-70x/210-70xBH Series—Disconnect the power plug, the network cable, and any auxiliary input/-output cables from the VoIP Telephone PCBA (See [Figure 3](#)).
3. Disconnect the blue and white reed-switch spade connectors from the E-clips on the PCBA (See [Figure 2](#) or [Figure 3](#)).
4. Cut the cable tie used to bundle the wires together.
5. Loosen the two cradle mounting screws securing the handset cradle to the front cover assembly (enough to slide the cradle up in the slotted holes).
6. Slide the cradle with attached reed-switch wires up and then pull it away from the front cover assembly.
7. Remove the screws from the cradle and retain for reassembly.
8. Remove any gasket residue from the front cover.

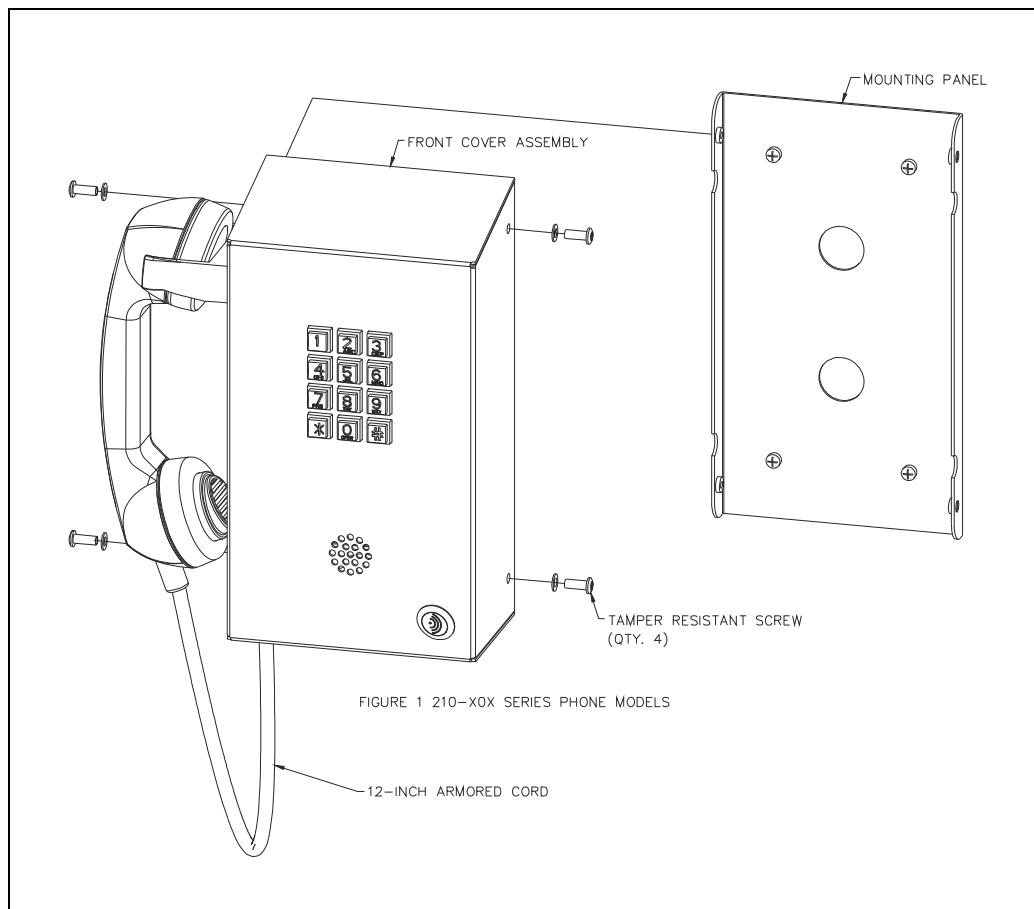


Figure 1. Model 210-001BH and 210-700BH—Front Cover Removal
(Other Models Similar)

Install the New Assembly

1. Screw the cradle mounting screws retained from Step 6 above into the cradle, leaving $\frac{1}{4}$ inch of the screws exposed from the base of the cradle.
2. Thread the blue and white reed-switch wires through the center hole in the side of the enclosure.
3. Insert the heads of the cradle mounting screws through the largest part of the slotted holes on the enclosure, push the cradle down in the enclosure mounting slots, and then tighten the cradle mounting screws to secure the cradle.
4. Plug the spade connectors on the blue and white reed switch wires onto E-Clips on the PCBA (See Figure 2 and Figure 3).
5. Bundle the wires as before with the cable tie included in the kit.
6. **Model 210-00x/210-00xBH Series**—Reconnect the red, green, yellow, and black wires to terminal block TB1 on the Industrial Telephone PCBA (See Figure 2).
- Model 210-70x/210-70xBH Series** —Reconnect the network cable, power cable, and any auxiliary input/output cable plugs on the VoIP Telephone PCBA (See Figure 3).
7. Replace the front cover and secure it (using the screws retained in Step 1 of the removal instructions above).
8. Test the on hook/off hook functionality of the telephone to ensure successful installation.

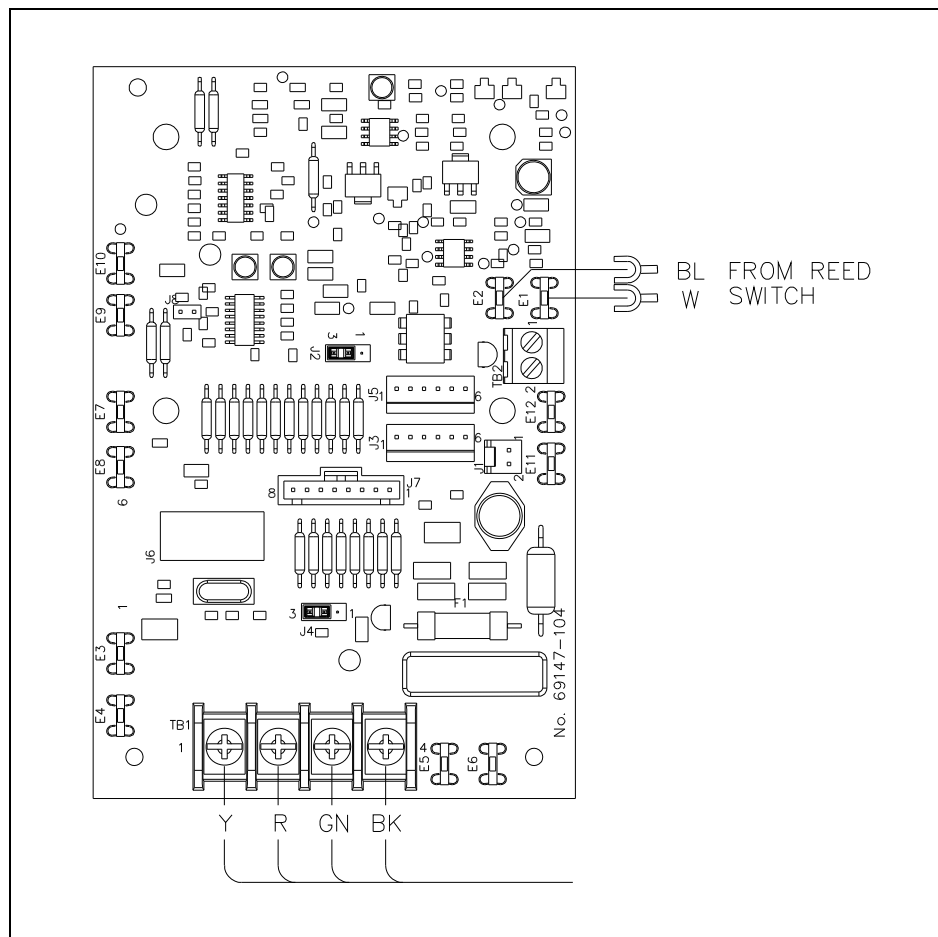


Figure 2. Industrial Telephone PCBA Connections

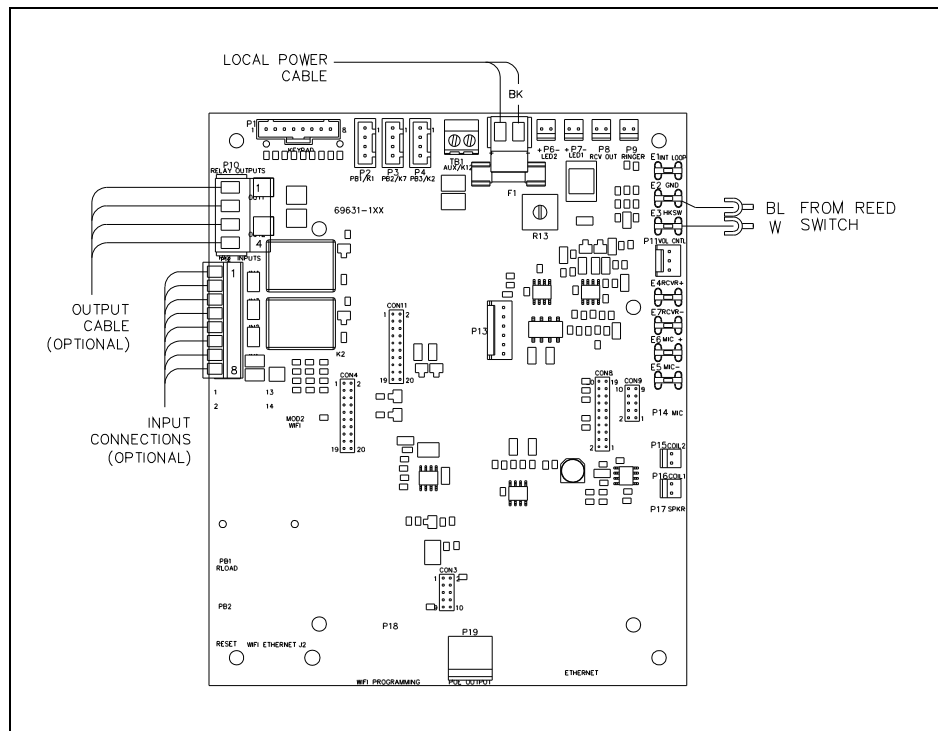


Figure 3. VoIP Telephone PCBA Connections

Model 27x-x0xBH Series Telephones

Remove the Old Assembly

1. Remove the six tamper-resistant front cover screws securing the phone to the wall or enclosure. Retain the screws for reassembly (See [Figure 4](#)).
2. Carefully pull the phone away from the mounting surface. If the telephone is mounted in a backbox, remove it by removing the four screws or nuts from the back of the backbox. Retain all hardware.
3. If necessary, pull the backbox away from front panel and set it aside.
4. **Model 27x-001BH Series Telephones**—Disconnect the red, green, yellow, and black wires from terminal board TB1 on the Industrial Telephone PCBA (See [Figure 2](#)).

Model 27x-700BH Series Telephones—Disconnect the power plug, network cable, and any auxiliary input/output cables from the VoIP Telephone PCBA (See [Figure 3](#)).

5. Disconnect the blue and white reed-switch E-clips from the PCBA (See [Figure 2](#) or [Figure 3](#)).
6. Cut the cable tie used to bundle the wires together.
7. Remove the two screws that secure the handset cradle to the front cover assembly. It may be necessary to loosen or remove the VoIP Telephone PCBA to access the screw heads on the Model 276-700 Series and 277-700 Series Telephones. Retain the screws for reassembly (See [Figure 5](#) or [Figure 6](#)).
8. Pull the handset cradle with the reed-switch and attached wires away from and out of the front cover.
9. Remove any gasket residue from the front cover.

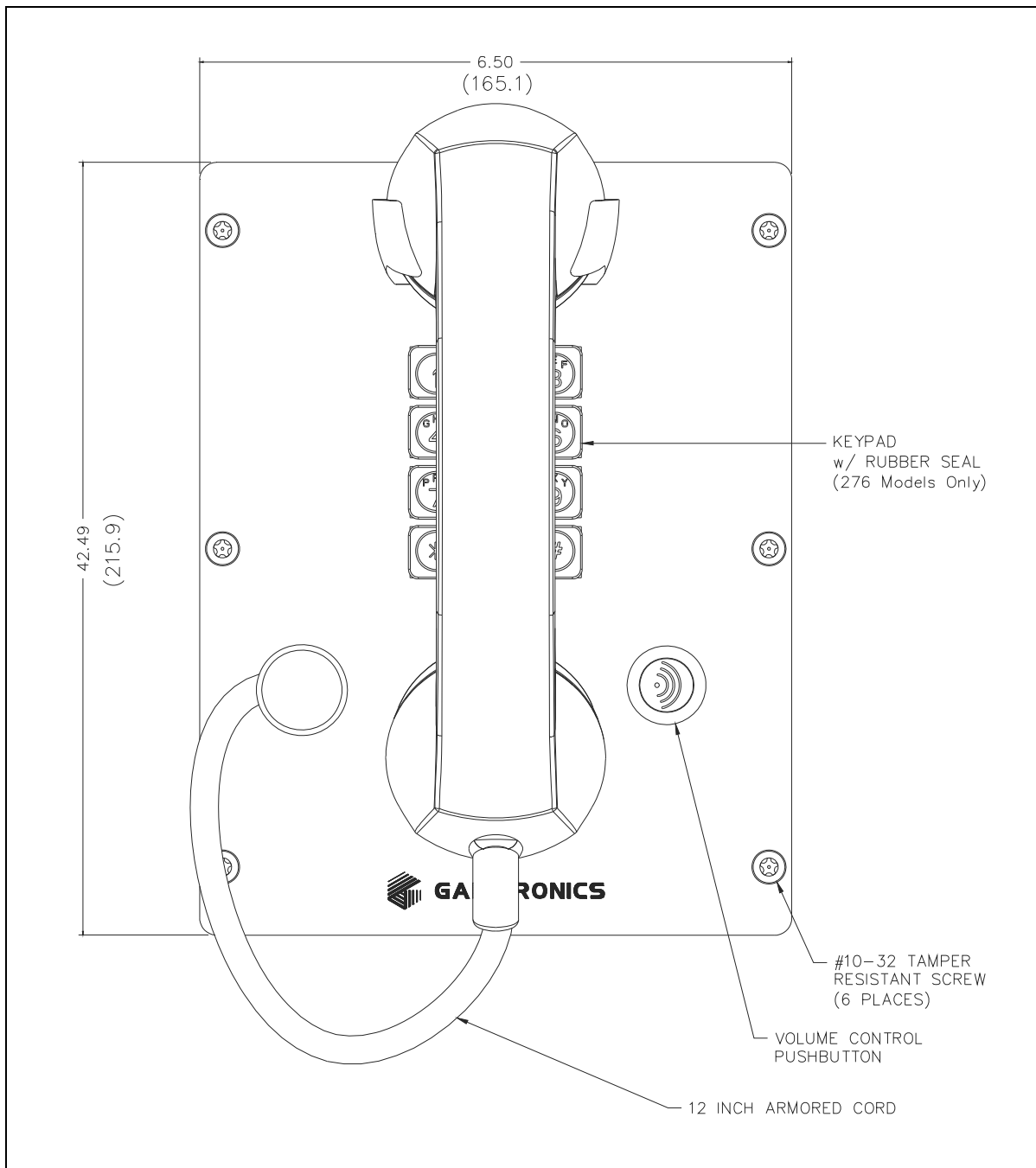


Figure 4. 276-x0xBH Series Telephone Front Cover Removal

Install the New Assembly

1. Thread the blue and white reed-switch leads through the top center hole on the front cover assembly (See [Figure 4](#)).
1. Secure the cradle to the front panel (using the screws retained from Step [7](#) of the removal instructions above. See [Figure 5](#) or [Figure 6](#)).
2. If necessary, reinstall the VoIP Telephone PCBA (if loosened or removed in Step [7](#) above).
3. Attach the spade connectors on the blue and white reed-switch wires to the E-Clips on the PCBA (See [Figure 2](#) or [Figure 3](#) for the exact location).
4. Bundle the wires as before with cable tie included in the kit.
5. **Model 27x-001BH Series Telephones**—Reconnect the red, green, yellow, and black wires to terminal board TB1 on the Industrial Telephone PCBA (See [Figure 2](#)).
- Model 27x-700BH Series Telephones**—Reconnect the power plug, network cable, and any auxiliary input/output cables to the VoIP Telephone PCBA (See [Figure 3](#)).
6. If the assembly had a backbox, reinstall it (using the hardware retained in Step [2](#) of the removal instructions above).
7. Install the front panel to the mounting surface (using the screws retained in Step [1](#) of the removal instructions above).
8. Test the on hook/off hook function to ensure the installation was successful.

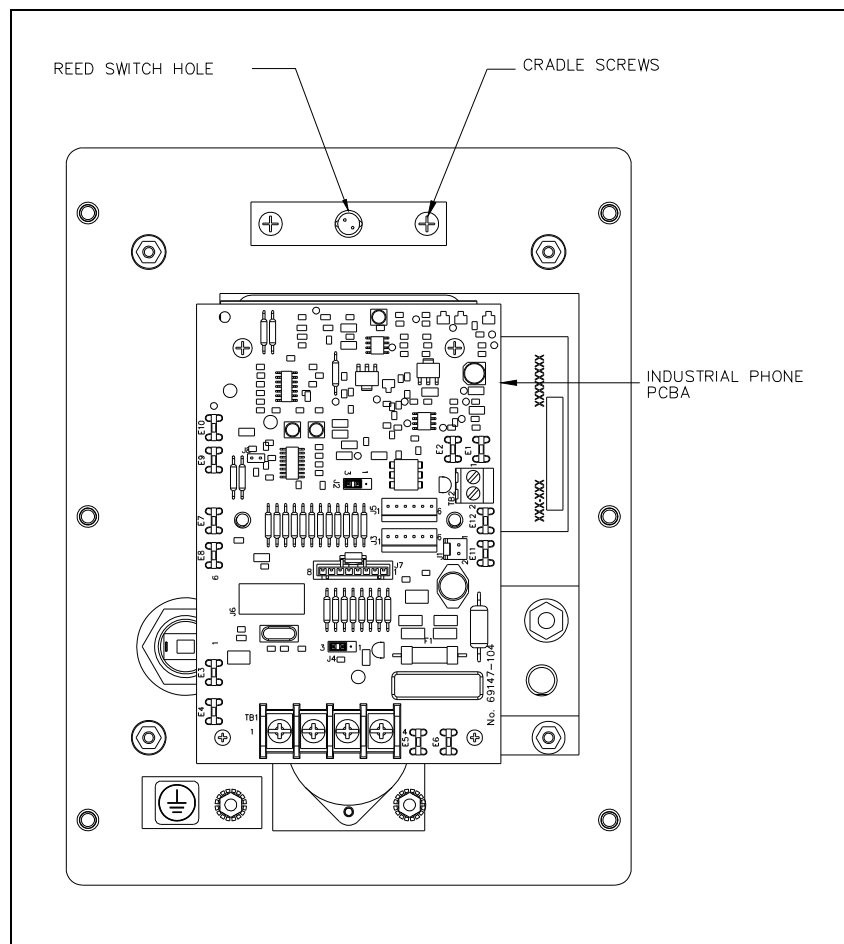


Figure 5. Models 27x-001BH Series—Front Panel Assembly—Interior View

Warranty

Equipment. GAI-Tronics warrants for a period of one (1) year from the date of shipment, that any GAI-Tronics equipment supplied hereunder shall be free of defects in material and workmanship, shall comply with the then-current product specifications and product literature, and if applicable, shall be fit for the purpose specified in the agreed-upon quotation or proposal document. If (a) Seller's goods prove to be defective in workmanship and/or material under normal and proper usage, or unfit for the purpose specified and agreed upon, and (b) Buyer's claim is made within the warranty period set forth above, Buyer may return such goods to GAI-Tronics' nearest depot repair facility, freight prepaid, at which time they will be repaired or replaced, at Seller's option, without charge to Buyer. Repair or replacement shall be Buyer's sole and exclusive remedy. The warranty period on any repaired or replacement equipment shall be the greater of the ninety (90) day repair warranty or one (1) year from the date the original equipment was shipped. In no event shall GAI-Tronics warranty obligations with respect to equipment exceed 100% of the total cost of the equipment supplied hereunder. Buyer may also be entitled to the manufacturer's warranty on any third-party goods supplied by GAI-Tronics hereunder. The applicability of any such third-party warranty will be determined by GAI-Tronics.

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Limitations / Exclusions. The warranties herein shall not apply to, and GAI-Tronics shall not be responsible for, any damage to the goods or failure of the services supplied hereunder, to the extent caused by Buyer's neglect, failure to follow operational and maintenance procedures provided with the equipment, or the use of technicians not specifically authorized by GAI-Tronics to maintain or service the equipment. **THE WARRANTIES AND REMEDIES CONTAINED HEREIN ARE IN LIEU OF AND EXCLUDE ALL OTHER WARRANTIES AND REMEDIES, WHETHER EXPRESS OR IMPLIED BY OPERATION OF LAW OR OTHERWISE, INCLUDING ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**

Return Policy

If the equipment requires service, contact your Regional Service Center for a return authorization number (RA#). Equipment should be shipped prepaid to GAI-Tronics with a return authorization number and a purchase order number. If the equipment is under warranty, repairs or a replacement will be made in accordance with the warranty policy set forth above. Please include a written explanation of all defects to assist our technicians in their troubleshooting efforts.

Call 800-492-1212 (inside the USA) or 610-777-1374 (outside the USA) for help identifying the Regional Service Center closest to you.