



GAI-TRONICS® CORPORATION
A HUBBELL COMPANY

Model 237-001 Plug-in Transformer for the Model 295 Clean Phone™

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Installation

1. If the Model 295 Clean Phone or the Model 235 Maintenance Cover is installed, remove the front panel by applying pressure while sliding the telephone up and pulling it away from the back box.
2. Remove the modular wall jack cover.
3. See the table in Figure 1 to determine the gauge of wire you require and the maximum length permitted between Model 295 and the Model 237-001 Plug-in Transformer.
4. **Model 295F:** Feed the wire through the bushing in the top center of Model 295F.

AWG	Feet	Meters	Miles
24	620	190	11
22	985	300	18
20	1585	480	30
19	1985	605	37
18	2500	760	47
16	3980	1210	75
14	6350	1935	1.2

Figure 1. Wire Gauge vs. Distance Table

Model 295W: Feed the wire through the bushing located on the back surface of the back box, near the top center.

- Tap out the wire guides in the side of the modular wall jack. Connect the black (-) wire and the yellow (+) wire as noted in Figure 2 for Model 295F and Figure 3 for Model 295W.

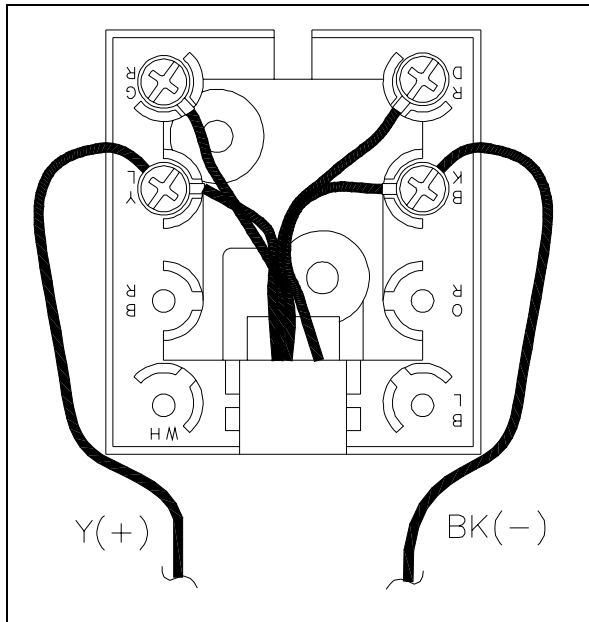


Figure 2. Wiring for Model 295F

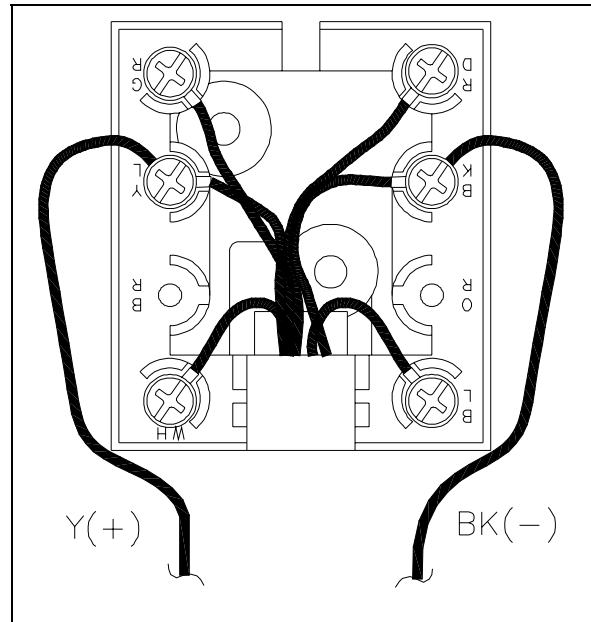


Figure 3. Wiring to Model 295W

- Replace the modular wall jack cover.
- If desired, replace the front panel by aligning the panel with the back box mounting holes and pressing the panel firmly in and then down.
- Follow Figure 4 to connect the wires to the Model 237-001 Plug-in Transformer. Connect the yellow (+) wire to the terminal labeled COM. Connect the black (-) wire to the terminal labeled -48V.
- Plug the transformer into a 115 V ac outlet.

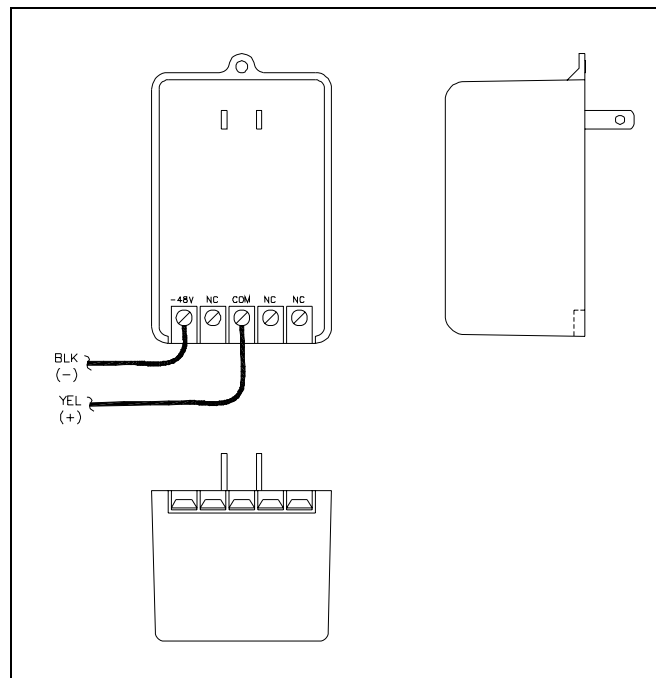


Figure 4. Transformer Details

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.

Services. Any services GAI-Tronics provides hereunder, whether directly or through subcontractors, shall be performed in accordance with the standard of care with which such services are normally provided in the industry. If the services fail to meet the applicable industry standard, GAI-Tronics will re-perform such services at no cost to buyer to correct said deficiency to Company's satisfaction provided any and all issues are identified prior to the demobilization of the Contractor's personnel from the work site. Re-performance of services shall be Buyer's sole and exclusive remedy, and in no event shall GAI-Tronics warranty obligations with respect to services exceed 100% of the total cost of the services provided hereunder.

Warranty Periods. Every claim by Buyer alleging a defect in the goods and/or services provided hereunder shall be deemed waived unless such claim is made in writing within the applicable warranty periods as set forth above. Provided, however, that if the defect complained of is latent and not discoverable within the above warranty periods, every claim arising on account of such latent defect shall be deemed waived unless it is made in writing within a reasonable time after such latent defect is or should have been discovered by Buyer.

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.