



GAI-TRONICS®  
A HUBBELL COMPANY

# Model 10453-501 Centra-Page Headset

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## Confidentiality Notice

This manual is provided solely as an operational, installation, and maintenance guide and contains sensitive business and technical information that is confidential and proprietary to GAI-Tronics. GAI-Tronics retains all intellectual property and other rights in or to the information contained herein, and such information may only be used in connection with the operation of your GAI-Tronics product or system. This manual may not be disclosed in any form, in whole or in part, directly or indirectly, to any third party.

## General Information

The GAI-Tronics Model 10453-501 Headset provides hands-free communication with Centra-Page systems. The 30-foot extension cable provides the users with mobility when connected to Centra-Page jack station. The cable is equipped with a belt clip. A push-button switch is provided on the left ear cup to allow paging access.

The GAI-Tronics headset provides a noise reduction rating of 23 dB, making it ideal for use where hearing protection is required. Please refer to the attached *Environmental Protection Agency (EPA) Use and Care Sheet* for information on maintaining the headset's noise reduction rating (NRR). The gooseneck (flexboom) microphone is fully adjustable but remains stationary once it is in place. In addition, the gel-filled ear cups and adjustable black cloth head strap maximize comfort and keep the headset securely in place. These factors allow the use of the headset in areas with up to 110 dB SPL ambient noise, improving safety for employees working in these areas.

The headset is adaptable for use with or without hard hats. An employee working in different areas with different requirements can alternate the use of the same headset, requiring a reduced investment.

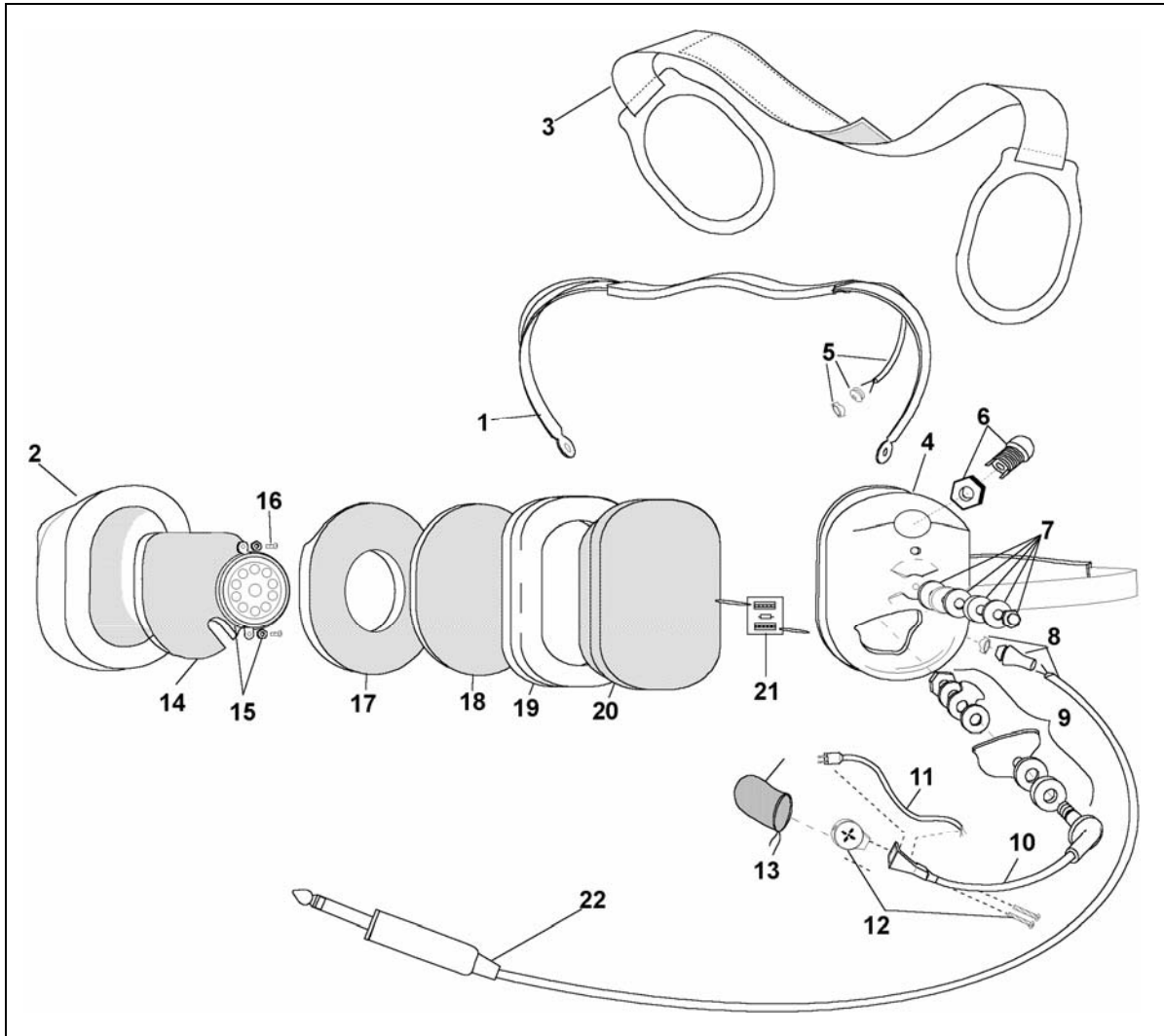
## Operation

To operate, the GAI-Tronics 10453-501 Headset must be connected to a Centra-Page jack using a GAI-Tronics Model 10410-002 Extension Cable.

HEADSET REPLACEMENTS	
Old Model Number	New Model Number
10452-301 Headset	10453-501 Headset
10453-301 Headset (for use with a hard hat)	10453-501 Headset
10453-401 Headset	10453-501 Headset

# Specifications

Noise reduction rating .....	23 dB
Microphone .....	Gooseneck (flexboom); dynamic, noise-canceling,
Receiver .....	300-ohm; dynamic
DC line current draw .....	8 mA dc typical
Configuration .....	Adaptable for use with or without a hard hat
External controls.....	Push-to-page switch
Cable.....	12-inch; with phono plug connector
Ear cups .....	Gel-filled
Temperature range (operating and storage).....	-22° F to +140° F (-30° C to +60° C)
Temperature code .....	T4
Headset weight .....	1.1 lbs. (0.51 kg)
Shipping weight .....	2.25 lbs. (1.03 kg)
Approvals.....	NRTL approved for use in US and Canada in the following hazardous locations: Intrinsically safe for use in Class I, Div. I, Groups C and D hazardous locations when installed in accordance with Control Drawing No. 72979 Exia Listed for use in Class I, Div. 2, Groups C and D hazardous locations when installed in accordance with Control Drawing No. 72979
Extra accessories packed with unit: .....	One microphone muff and one pack of comfort covers for ear cups



Use the Reference Designator numbers on the chart above to find the part number and description on the Replacement Parts Table on page 4.

REPLACEMENT PARTS

Reference Designator	Description	Part Number
<b>1</b>	Spring Assembly	12610-006
<b>2</b>	Dome, Right	12610-016
<b>3</b>	Support Assembly	12610-005
<b>4</b>	Dome, Left (mic side)	12610-017
<b>5</b>	Overhead Cord Assembly Kit	12610-004
<b>6</b>	Push-to-Talk Switch	12610-018
<b>7</b>	Nut and Washer Kit	12610-003
<b>8</b>	Communications Cord Assembly Kit	12610-022
<b>9</b>	Boom Attachment Kit	12610-015*
<b>10</b>	Flexboom Assembly	12610-007*
<b>11</b>	Microphone Plug Cord	12610-008
<b>12</b>	Microphone	13501-001
<b>13</b>	Microphone Muff	12610-009
<b>14</b>	Dome Filter	12610-019
<b>15</b>	Receiver	12610-025
<b>16</b>	Screws (10 pack)	12610-010
<b>17</b>	Dome Filter	12610-021
<b>18</b>	Filter	12610-011
<b>19</b>	Ear Cup, Liquid or Gel Filled (pair)	12610-012
<b>20</b>	Ear Cup, Comfort Cover	12610-013
<b>21</b>	PCB Assembly	69206-001
<b>22</b>	Connector, Electrical	12610-024

\* If item 9 or item 10 require replacement, both pieces must be purchased to make the repair.

Replacement Extension Cable	
Description	Part Number
30-Foot Extension Cable with Belt Clip	10410-002

# Warranty

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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

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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.