

Telex

Operating Instructions

FC
CE



Dispatch Headset

**DH3200 (Shown)
DH3000**

General Description

The Telex DH3000 Series Headset is designed for use in dispatch applications with low noise levels. Ambient noise levels may be considered harmful when exposed to for long periods of time. In addition, these ambient noise levels require users to increase communications volume level for clear understandable communications.

The Telex DH3000 Series Headset is ideally suited to this environment. Soft, pliable cushions provide passive attenuation of unwanted background noise. The advanced active noise reduction system removes even more noise in the communications frequency range. This combination gives the Telex DH3000 Series Headset a unique improvement in communications clarity and intelligibility. With ambient noise reduced, communications levels can also be reduced, providing less fatigue and an overall improvement in comfort.

Complimenting these noise reduction features is a durable, lightweight design with adjustable sliders increasing long-term fit and comfort. A boom mounted microphone utilizes an electret noise-canceling element for improved noise rejection. Extended response drivers improve sound reproduction. The result is a comfortable, lightweight, headset that provides the ultimate in clear, understandable communications with no batteries or complicated controls to get in the way.

The DH3200 is a dual-sided headset while the DH3000 is equipped with a single earphone accompanied by a comfortable temple pad on the opposite end on the headband.

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.





Figure 1
*DH3200 Reference View
(Dual-Sided Model Shown)*

Note: See Page 7 for Available Replacement Parts

Design Features (See Figure 1)

Fit and Comfort

An adjustable headband gives the wearer two inches (51mm) of up and down earphone adjustment per side, while the gimbal mounting improves the headset's side-to-side comfort.

Boom Microphone

The DH3000 Series Headset features a miniature, amplified, noise canceling electret microphone that provides superior ambient noise rejection. The microphone is mounted on a flexible gooseneck boom that permits precise microphone placement. The boom rotates 320° to allow the microphone to be worn on either side of the head. For best results, the microphone should be placed as close to the mouth as possible. The microphone includes a replaceable windscreen to minimize popping, hissing, and breathing sounds when speaking.

Controls

The DH3000 Series Headset contains an On/Off switch to control ANR power and a Hi/Low switch for controlling receiver volume.

Cordage and Plugs

The microphone cordage is protected inside the boom. A strain relief on the cord provides maximum durability. Shielded wire throughout the headset protects against RFI (Radio Frequency Interference) and EMI (Electro Magnetic Interference).

The DH3000 Series Dispatch Headset is designed to be used with the following Telex PTT/Lower Cord Assemblies:

- LC1500 15 Foot Extended Cord Length (TELEX PN 302068000)
- LC2500 25 Foot Extended Cord Length (TELEX PN 302068001)

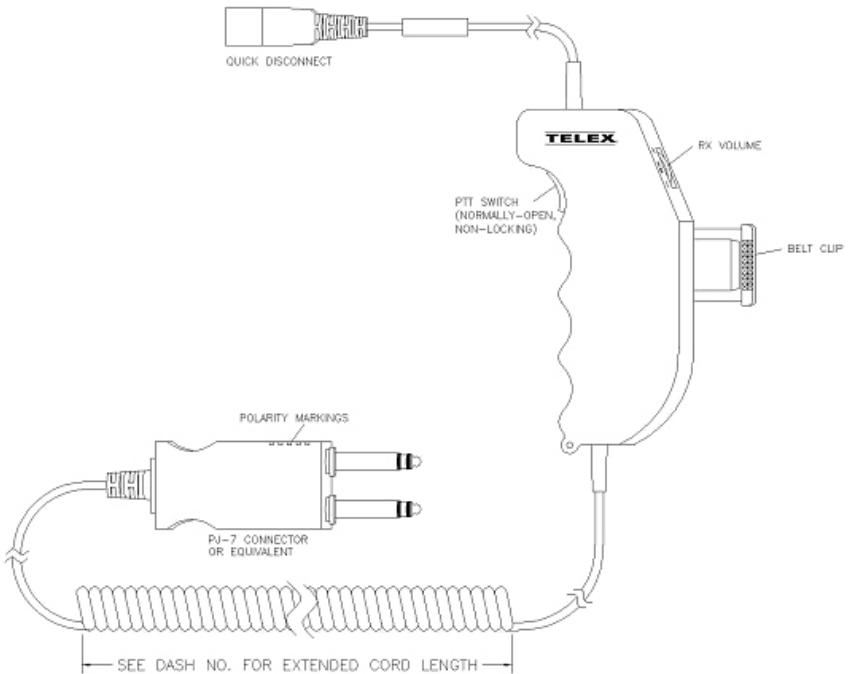


Figure 2
Headset Connections

The DH3000 Series Headset in conjunction with the LC1500/2500 PTT Assembly, is designed to function properly with the VEGA *HB-3 Plus Nexus* and its successors. When connecting the LC1500/2500 PTT Assembly to the VEGA *HB-3 Plus Nexus*, POLARITY MARKINGS on the PJ-7 connector and MUST BE OBSERVED for proper operation. Reversing the connector will not cause equipment damage, however, the headset will not function properly.

Headset Operation

1. Connect the headsets quick disconnect to the quick disconnect on the LC1500/2500 PTT Assembly.
2. Rotate the entire boom overhead to wear the microphone on either the right or left side of the head (Note the two stops below the boom housing).
3. With the headset resting securely on top of the head, check that the earphone housings are centered over the ears. Maximum performance depends on the proper fit of the headset.
4. For best noise cancellation, position the microphone as close to the mouth as possible and speak in a normal voice.
5. To activate the Active Noise Reduction feature, move the “On/Off” switch to the “On” position (See Figure 3). The active noise reduction feature of this headset uses power obtained from the VEGA *HB-3 Plus Nexus* through the boom microphone connection. Active noise reduction will only function when power is received from the microphone connection.
6. When required, the user may increase headphone volume level by moving the volume “HI/LOW” switch to the “HI” position (See Figure 3). The “low” position is considered normal.

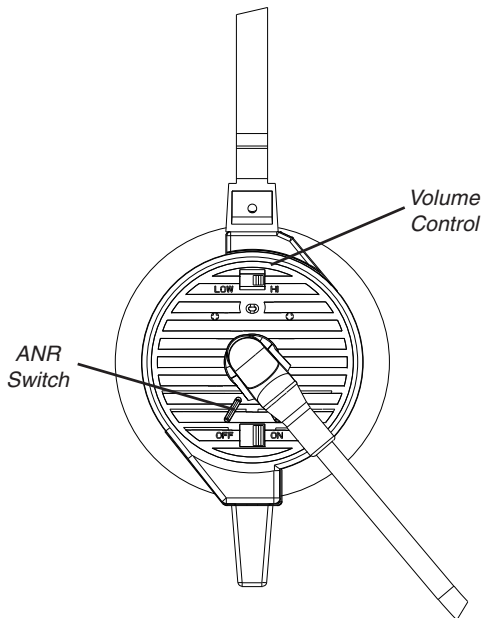
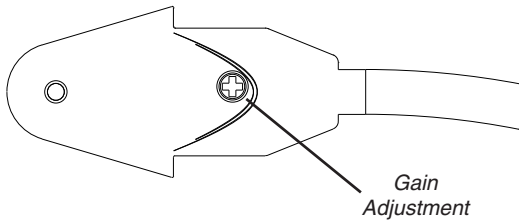


Figure 3
Volume Adjustment/ANR Switch

Microphone Gain Adjustment

The microphone gain has been factory-adjusted to the nominal level required for normal radio operation. Under normal circumstances microphone gain does not require adjustment. If needed, adjustment by a qualified technician is recommended. To access the microphone gain, insert a 1.5mm flat head screwdriver through the access hole in the microphone housing (See Figure 4). Clockwise rotation increases the microphone gain.



Note: There is a hole on both sides of the microphone housing. One is blocked by foam. Do not use the side blocked by foam.

Figure 4
Microphone Gain Adjustment

Ordering Information

DH3000 Single-Sided Headset	Catalog no. PRD000021-100
DH3200 Dual-Sided Headset	Catalog no. PRD000021-000
Replacement Ear Cushions (Pair)	Catalog no. 800456-020
Replacement Windscreen	Catalog no. 800456-019

LIMITED WARRANTY

Bosch Security Systems, Inc. warrants to the user, who originally purchased the product delivered with this card, that the product will be free from defects in material and workmanship for the following periods after such date of purchase: Material 24 months, workmanship 24 months. Bosch will, at its option, repair or replace, free of charge, such defective products subject to the following conditions:

1. Delivery of the product or parts postage prepaid to the Bosch dealer, authorized service facility or factory.
2. Determination by Bosch that a defect exists and is covered by the limited warranty. Defects due to alteration, repair by an unauthorized person, insertion of non-Bosch parts, misuse, accidental damage, use of the equipment for purposes other than those for which it was designed, and the like, are not covered by this limited warranty and repairs thereof will be subject to normal service charges.
3. Repairs and replacement parts are covered under this limited warranty only for the unexpired term of the original limited warranty.
4. Products purchased from unauthorized dealers are not warranted.

THIS LIMITED WARRANTY IS EXPRESSLY IN LIEU OF ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WHICH EXTENDS BEYOND THE TERM HEREOF. THE REMEDIES PROVIDED BY THIS LIMITED WARRANTY ARE THE ONLY REMEDIES AVAILABLE TO ANY PERSON. NO PERSON HAS ANY AUTHORITY TO BIND BOSCH TO ANY REPRESENTATION OR WARRANTY OTHER THAN THOSE PROVIDED BY THIS LIMITED WARRANTY. BOSCH SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES CAUSED BY FAILURE OR OTHERWISE OF THE PRODUCT.

Some states do not allow exclusions or limitations of incidental or consequential damages or limitations on how long an implied warranty lasts, so the limitations or exclusions herein may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

CUSTOMER SERVICE

For information or technical assistance, call or write to Bosch at:

Customer Service Department
Bosch Security Systems, Inc.
8601 E. Cornhusker Hwy
Lincoln, NE U.S.A.
(800) 553-5992

When returning equipment for repair, please enclose an explanation of the problem. If the equipment is covered under warranty, please enclose a copy of your proof of purchase. The equipment must be accompanied by documentation stating your name, return address, and telephone number.

Return equipment for factory repair to:

Customer Service Department
Bosch Security Systems, Inc.
8601 E. Cornhusker Hwy
Lincoln, NE U.S.A.
(407) 467-5321 or (800) 218-2410

Warranty Repairs - If in warranty, no charge will be made for the repairs. Equipment being returned for warranty repair must be sent prepaid and will be returned prepaid.

Non-Warranty Repairs - Equipment that is not under warranty must be sent prepaid to Bosch. If requested, an estimate of repair costs will be issued prior to service. Once your approval for repair, and repair of equipment is completed, the equipment will be returned on a collect basis. Collect charges may be avoided by sending a signed check for payment in full along with your signed estimate approval form (the estimate includes the shipping charge).

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