

**LABTEC LVA-8701**

**WIRELESS MONO HANDSET**

**OPERATION MANUAL**

Prepare By: \_\_\_\_\_ Date: \_\_\_\_\_

Checked By: \_\_\_\_\_ Date: \_\_\_\_\_

Approval By: \_\_\_\_\_ Date: \_\_\_\_\_

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## 1. REGISTRATION ID CODE

A 16 bit ID code is used for the mutual identification of the base and the handset. The ID of the base and the handset is stored in the base unit during manufacturing. As just power on the base unit and the handset, they will register the default ID code. When they are at the standby mode, the ID will be change as put the handset to the base charge for 1 second long, the base will transfer a new ID to the handset as the all IDs which store in the base are free. Note that both the based unit and the handset can only use the channel 1 to register the ID code.

## 2. CHANNEL SELECTION

Before building the air communications between the base unit and the handset, both base and handset can locate a free channel automatically to start further communications on that channel. Totally there are 10 free channels store in the EEPROM of the base unit and the handset. As the base unit and the handset have the auto-scan function, if there is channel is occupied , the unit will automatically scan and advance to the clear ID code from the other nine channels.

## 3. LINK BASE AND HANDSET

After handset get the ID code, ~~Press the handset's Talk/Mute button keep for 1 second long, the base and handset will be linked. And there is a green LED will be lighted to indicate that they are linked and can be talk freely now.~~ Keep presses the Talk/Mute button endures for 1 second long again and the base unit and handset will be told off and the LED will be shut off.

## 4. MUTE FUNCTION

Presses the Talk/Mute button on the handset led it of immediately during talking, the audio of the handset will not be transferred. ~~The red mute LED will light to indicate the mute mode.~~ However, the audio from the other side can still be heard on the handset receiver during muting. Press the Talk/Mute button again, The green Led lighted, the audio can be transferred normally again.

## 5. VOLUMN CONTROL

Have digital volume control. In talk mode using the handset, there are two

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volumes button can be used to control the voice. Pushing the up or down volume buttons of the handset the voice will be toggled to high or low level. There are eight levels can be selected, each level of them has 3dB difference. The default level when entering talk mode is middle.

## 6. BATTERY CHARGE AND USE TIME

Handset uses 3.6v 600mA 2/3AA NiMH rechargeable battery. Normally, charge enough the battery from the bare state. ~~It is need 10 hours~~ the charge detects green LED will light at the charge state. The battery also can be quickly charged. As the battery is charged enough, the handset can be talked one and half an hour long. At standby mode the charged enough battery can keep 24 hours long.

## 7. BATTERY LOW DETECTION

The battery voltage on Handset is continuous monitored. If the battery low is detected during talking mode, the Green LED will blink quickly. If the battery low is detected during the mute mode, the yellow LED will blink quickly. If the battery low is detected during standby mode, the red LED will blink quickly to warn the user to charge the handset battery.

## 8. THE BASE UNIT FEATURES

**Powered By AC adapter, which Input AC120V, output DC 6.8V 350mA**

900Mhz Monaural Analog FM modulation Auto Scan 10 channels

Monaural Microphone transmission and Monaural Headphone reception

**Frequency range of transmission is from 200Hz to 8000HZ**

Connnection from base unit to PC is Hardwired cable with two plugs on the end (like the cable with the Green and Blue plugs in the Dialog 501 Sample, except hardwired.

Color molded into plugs are LT Blue Pantone 284C and Lime Green Pantone 577C

Audio input to the Base from the PC (Lime Green Plug) will also be line level signal with left and right signal transferred to the base where they are summed for Mono earphone transmission.

Antenna hidden inside

## 9. REMOTE TRANSMITTER FEATURES

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Range is 150 feet

3.6v 600mA 2/3AA NiMH rechargeable battery

Low battery alert by LED flash

A single multi-color capable LED to indicate:

- 1). The unit is on the LED is colored green
- 2). Muted the LED is colored red low battery alert the LED flash either Red or Green
- 3). Off the LED is not illuminated

Antenna hidden inside

Terminal on bottom to match the charger terminal on the base

Designed for -38dB/pascal output Labtec Mics

Designed for Labtec 33ohms headsets

Chip for Belt to be done in ID-probably slide plastic rather than screw

Hook for Necklace strap and include strap

Mono receive of sound from PC t headset

Remote receiver designed for single 2.5mm headset jack

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## **Federal Communications Commission Statement**

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.

### **WARNING!**

Any changes or modifications to this product not expressly approved by the manufacturer could void any assurances of safety or performance and could result in violation of Part 15 of the FCC Rules.