

**EXHIBIT 1**

**INSTALLATION AND OPERATING INSTRUCTIONS**

**PARA. 2.1033 (b) (3)**

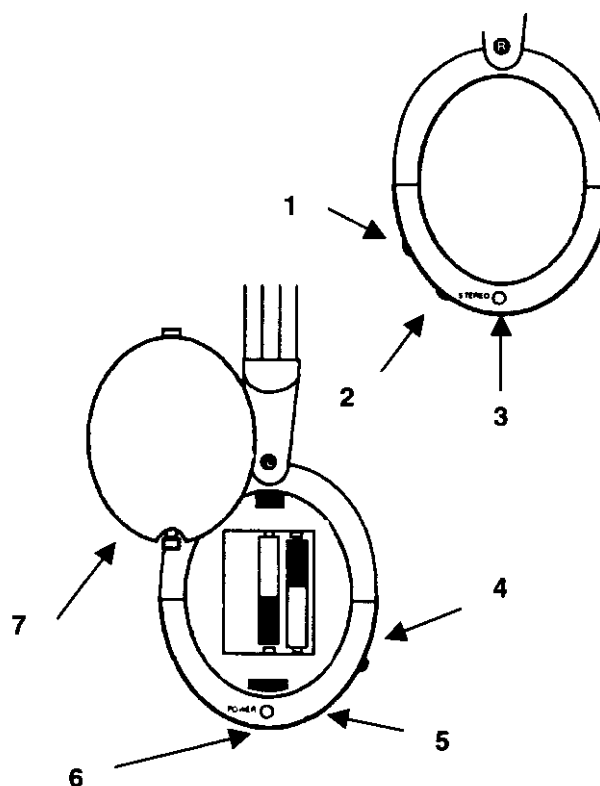
## Service Manual: HP981RX

**Circuit Description**

The RF signal which is transmitted at 912-914MHz from the wireless transmitter is received by the down converter. The RF signal is down-converted to 10.7MHz and fed into FM receiver chip. The FM receiver de-multiplexes the signal producing discrete output of the right and left channels through FM module. The U101 is an audio amp that is used to feed the headphone.

**Operating Elements**

1. Volume Control
2. Tuning control
3. Stereo indicator LED
4. ON/OFF switch
5. Charging input jack
6. Power indicator LED
7. Battery compartment

**Battery Installation**

The headphone requires two "AAA" batteries. You may use either Nickel Cadmium (NiCd) or Alkaline batteries; however, Alkaline batteries CANNOT be charged in the headphones (See Battery Charging Instruction). To install batteries, complete the following:

1. Ensure that the ON/OFF switch on the headphones is in the OFF position.
2. Remove the lid to the battery compartment on the left earcup.
3. Insert two "AAA" batteries following the polarity indicators.
4. Replace lid.

**Battery Charging**

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**Battery Charging**

The headphones can be powered by two “AAA” nickel cadmium battery. If the headphones’ range decreases or you hear no sound from the audio source, follow steps to charge the battery pack.

1. Turn off the headphones.
2. Plug the supplied charging cable into the headphones’ charge jack on the left earcup.
3. Plug the other end of the charging cable into charge jack on the transmitter.

It takes 12 to 14 hours to completely recharge the battery pack.

Note: Before you use the headphones the first time, you must charge them for at least 24 hours. Do not attempt to re-charge non-rechargeable batteries (alkaline batteries, etc.).

**Operating Instruction**

1. Install two “AAA” batteries into the battery compartment located on the left earcup (See Battery Installation section).
2. Place the ON/OFF switch in the ON position to power the headphones.
3. Stand approximately ten feet away from the transmitter and adjust the headphone’s tuning control until the stereo LED lights.
4. Place the headphones over your ears and adjust the volume control to the desired listening level. You should now be able to move freely from room to room without signal interference.

Note: If signal interference occurs, adjust the tuning control on the headphones and/or try a new location to maximize stereo reception. When transmitting/receiving over long distances, the signal may become weak and the stereo LED may dim. In this case, your headphones will continue to operate in a monaural mode instead of stereo.

5. After use, place the ON/OFF switch in the OFF position

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### **Asserting Audio Level**

Depending on your audio source output level, audio level of the transmitter may have to alter so as to avoid distortion or too low audio level.

- a. If distortion sound is heard from the receiver, lower the audio level until undistorted sound is resulted in the receiver.
- b. If too low sound is heard from the receiver, raise the audio level.
- c. If your audio source is a variable output, always set the audio level of transmitter back to middle level and then adjust the volume of your audio source until the audio level LED blinks.

### **Adjusting Frequency**

If you receive interference from other devices, you might be able to reduce the interference by adjusting the operating frequency. Simply rotate the frequency adjust knob on the transmitter then rotate tuning control on the right earcup until the headphone's stereo indicator lights steadily.