

# **INTERTEK TESTING SERVICES**

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## **EXHIBIT 7**

### **INSTRUCTION MANUAL**

## INTERTEK TESTING SERVICES

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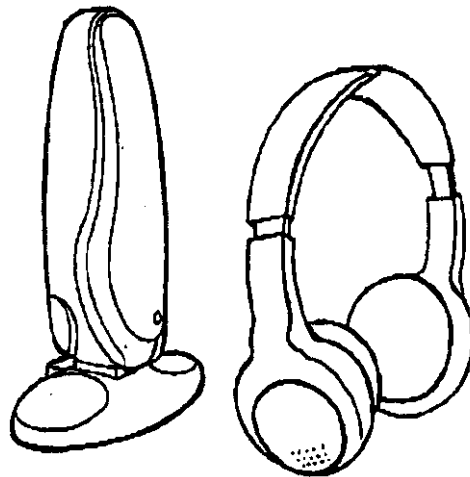
### 7.0 Instruction Manual

Attached is a preliminary copy of the Instruction Manual.

The FCC information to user can be found in page 6.

This manual will be provided to the end-user with each unit sold/leased in the United States.

**RF 900 MHz STEREO  
WIRELESS HEADPHONE  
SYSTEM  
RS900**



**Owner's Manual**

Please read before using this equipment

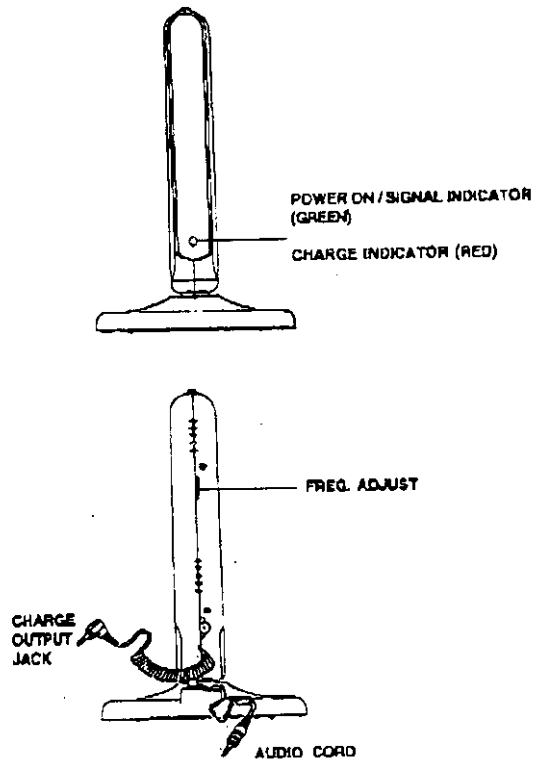
## INTRODUCTION

The 900MHz stereo wireless headphone system uses latest wireless technology that enable you to enjoy music and TV sound anywhere inside or outside your home. You can simply connect the system to any sound source such as CD, TV, VCR, HI-FI and radio. It is also perfect for usage in class room, hospitals, meeting, churches, as a hearing aid, and for the purpose of language translation.

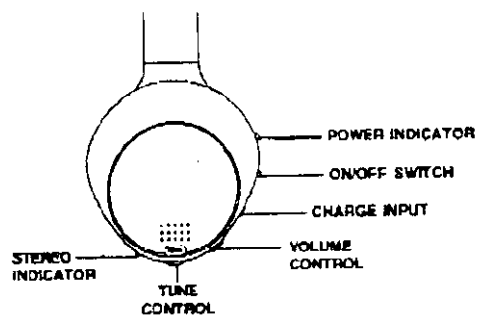
## FEATURES

1. 900 MHz RF technology.
2. RF technology lets you roam freely throughout your house.
3. Operating distance up to 50 Meters.
4. No line-of-sight limitation.
5. Rechargeable headphone receiver.
6. Built-in charger in the transmitter.
7. Virtually interference free stereo quality.
8. ALC and auto ON/OFF control.

## TRANSMITTER



## HEADPHONE RECEIVER

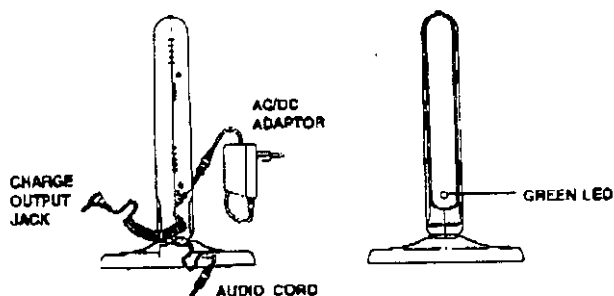


## INSTALLATION

### TRANSMITTER

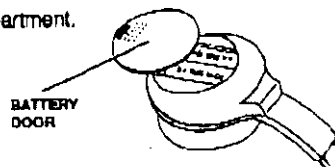
1. Connect the supplied AC power adaptor to an electrical wall outlet.
2. Plug the AC power adaptor in the DC jack located on the rear of the transmitter.
3. The rear of the transmitter has one audio cord that can be connected to audio output jack of TV, TV monitor, VCR, Radio tape recorder or to headphone/earphone jack with the connector provided.

The green auto ON/OFF indicator will be ON when you plug the adaptor in the AC source and connected the audio plug to the audio source. When the auto on indicator is OFF, adjust your audio source output level which is greater than the auto on indicator light on input level.



### HEADPHONE RECEIVER

1. Open the battery compartment cover on the right side of the headphone.
2. Insert two AA size Ni-cd rechargeable battery with correct polarity.
3. Cover the battery compartment.



## OPERATION

1. Turn on the audio source (TV or audio component) to which the transmitter is connected.
2. Switch the ON/OFF switch on the headphone to **ON**.
3. Place the headphones on your head and adjust the volume control to the desired listening level. The headphone's length adjustment lets you adjust the length of the headphones for a comfortable fit.
4. Adjust the tuning dial of headphone to the frequency which is same as transmitter's transmission frequency for best reception.
5. Apply the tuning dial of the headphone to the frequency of the transmitter for the best reception.

### **Note:**

You should now be able to walk freely from room to room without disruption. If disruption should occur (signal breaks up), adjust the headphones' tuning control to maximize stereo reception.

If you hear interference from other components, re-adjust the tuning control. You can re-adjust the tuning control by moving the control either right or left. You may have to try a few locations to find one with no interference.

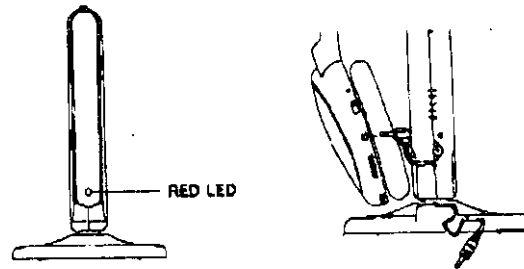
When transmitting/receiving over long distances, the signal from the system will become weaker and the stereo indicator light will go dim.

For protection of the transmitter and save the power, the transmitter will be cut off automatically in about one minute when the input signal from audio source is too weak for operation. In the other words, if the signal recalls back, the transmitter will work again automatically.

## CHARGING THE BATTERIES

1. Switch the ON/OFF switch on the headphone receiver to **OFF**.
2. Plug the charge output jack into the charge input socket of the headphone receiver to charge the batteries.
3. The charging process starts automatically when the batteries are charged and the **RED LED** light up.
4. After the quick charge is completed, the quick charge indicator will **OFF**, however, the trickle charge will be continued.

**Caution:** Don't use other kind of battery to replace the Ni-cd quick charge (AA) battery. When you are not using the headphone, please switch it off as the batteries can be damaged.



The Ni-Cd (nickel cadmium) battery pack must be fully charged prior to operation. An initial charge of 24 hours is required to ensure the extended life of the Ni-Cd battery pack. Be sure the headset is in the **OFF** position during charge status.



**WARNING:**

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**NOTE:**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- ☐ Reorient or relocate the receiving antenna.
- ☐ Increase the separation between the equipment and receiver.
- ☐ Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- ☐ Consult the dealer or an experienced radio/TV technician for help.

**FCC INFORMATION TO USERS**

FCC ID : MAVRS-900B-001T

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.

## SPECIFICATION

Transmission Mode : UHF stereo  
Carrier Frequency : 911.5-913.5 MHz  
Operation Voltage: : Transmitter, 18V 200mA  
: Receiver, 2.4V (2 x AA Ni-cd batteries)  
Frequency Response : 20Hz-20KHz  
Distortion : 1.5%  
S/N ratio : 55dB  
Separation : 30dB  
Operation distance : 50M

Changes or modifications not expressly approved by the party responsible for compliance to the FCC Rules could void the user's authority to operate this equipment.

## TROUBLE SHOOTING

### NO SOUND

- Ensure the AC adaptor is fully inserted into the AC outlet and into the power connection input on the transmitter.
- Ensure the headphones' ON/OFF switch is in the ON position.
- Headphone's battery may be too low. Charge battery.
- Ensure the TV or audio component is on and tuned to a channel with audio.
- Adjust the volume control on the headphone to turn up the volume.
- The connected audio/video equipment is not playing. Start playing the equipment.
- The volume of headphone is turned down, adjust the volume to an appropriate level.

### DISTORTED

- Ensure the stereo indicator light is on. If not, adjust the tuning control on the headphones until the indicator light is on.
- Change the position of the FREQ. ADJUST control to change operating frequency. You must then adjust the tuning control on the headphone until the stereo indicator lights.
- Headphone's battery may be too low. Charge the battery or replace with the new battery.
- Ensure the level control wheel is adjusted properly.
- The headphone is too far from transmitter, move closer.
- The input level of the audio signal is too low. Turn up the volume of the audio source equipment.