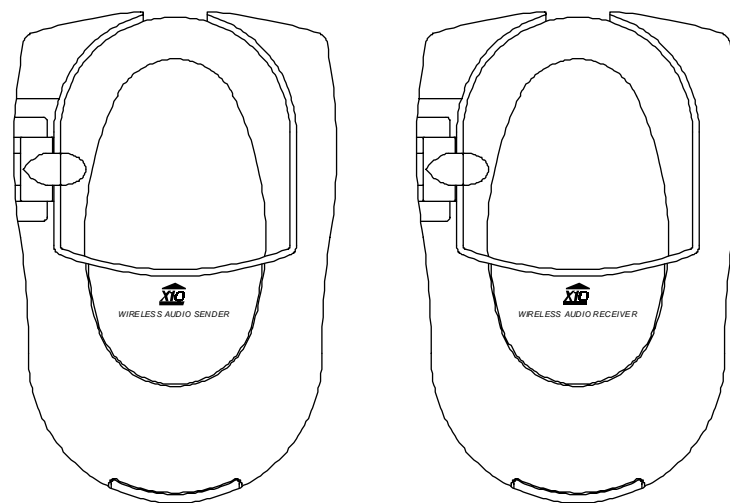




# Audio Sender

AUDIO EXTENDER SYSTEM

OWNER'S MANUAL



**MODEL AK11A**

(INCLUDES AT11A SENDER & AR11A RECEIVER)

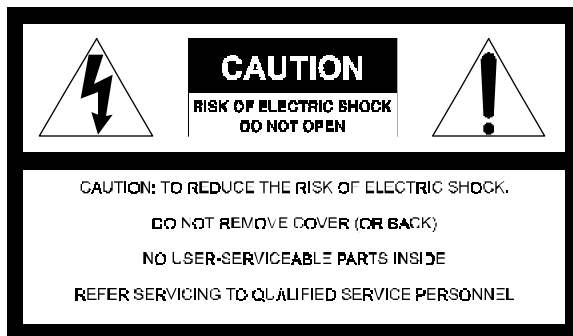


## INTRODUCTION

Your Wireless Audio Sender kit consists of a Sender base unit which connects to the audio out jack on your PC (or any other audio source), and a Receiver unit which connects to your stereo system in another room. The Audio Sender converts the audio signal from your PC into a radio frequency (RF) signal and transmits it (even through walls) to the Audio Receiver unit. The Audio Receiver converts the signal back to its original form and feeds it through a cable to your stereo system.

This lets you listen to MP3 (or other audio) files (played in your PC) on your stereo system in another room.


There are just a few simple steps to follow to hook up your Audio Sender kit to your PC and stereo system.



### WARNING:

To reduce the risk of fire or electric shock, do not expose this product to rain or moisture.

## IMPORTANT SAFETY INSTRUCTIONS

1. Read Instructions - All the safety and operating instructions should be read before the product is operated.
2. Retain Instructions - The safety and operating instructions should be retained for future reference.
3. Heed Warnings - All warnings on the product and in the operating instructions should be adhered to.
4. Follow Instructions - All operating and use instructions should be followed.
5. Cleaning - Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
6. Attachments - Do not use attachments not recommended by the product manufacturer as they may cause hazards.
7. Water and Moisture - Do not use this product near water - for Example, near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool; and the like.
8. Accessories - Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.
9. A product and cart combination should be moved with care. Quick stops, excessive force and uneven surfaces may cause the product and cart combination to overturn. 
10. Ventilation - Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.



11. Power Sources - This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type or power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.
12. Grounding or Polarization - This product is equipped with a polarized alternating current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.
13. Power-Cord Protection - Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.
14. Lightning - For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges.
15. Overloading - Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
16. Object and Liquid Entry - Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
17. Servicing - Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
18. Damage Requiring Service - Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
  - a) When the power-supply cord or plug is damaged,
  - b) If liquid has been spilled, or objects have fallen into the product,



- c) If the product has been exposed to rain or water,
  - d) If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation,
  - e) If the product has been dropped or damaged in any way, and
  - f) When the product exhibits a distinct change in performance - this indicates a need for service.
19. Heat - The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products including amplifiers) that produce heat.

### FCC CAUTION

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 UNDESIRE OPERATION.

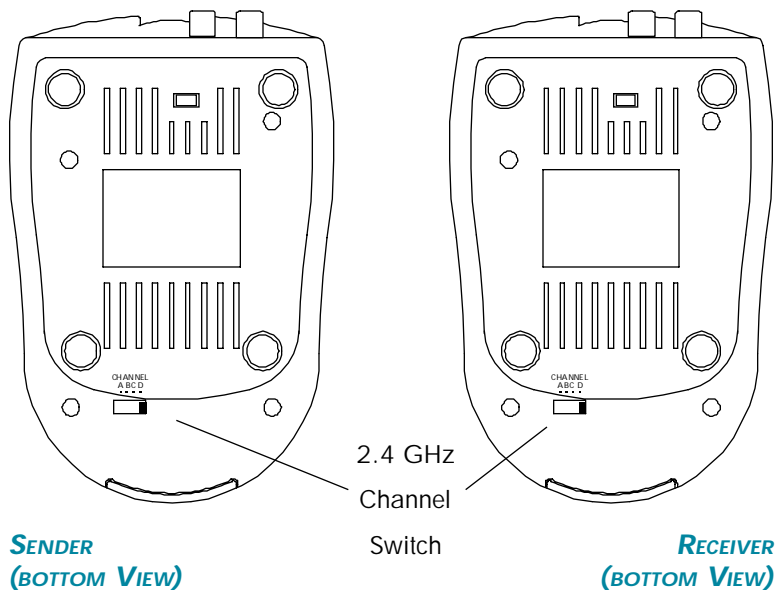
This equipment generates and uses radio frequency energy, and if not installed and used properly, that is, in strict accordance with the manufacturers instructions, it may cause interference to radio and television reception. It has been type tested and found to comply with the limits for remote control devices in accordance with the specifications in Sub-Parts B and C of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by unplugging the equipment, try to correct the interference by one or more of the following measures.

- Reorient the antenna of the radio/TV experiencing the interference.
- Relocate the equipment with respect to the radio/TV.
- Move the equipment away from the radio/TV.
- Plug the equipment into an outlet on a different electrical circuit from the radio/TV experiencing the interference.
- If necessary, consult your local Dealer for additional suggestions.

**NOTE:** Modifications to this product will void the user's authority to operate this equipment.

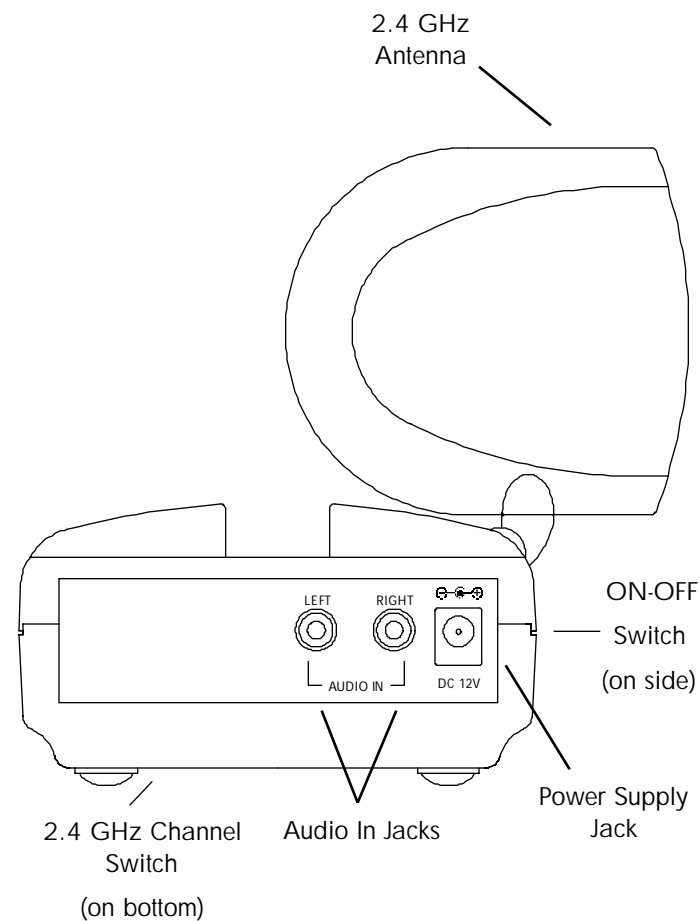
## CONTENTS

<b>CONTROLS AND CONNECTIONS</b> .....	<b>7</b>
<b>SENDER</b> .....	<b>7</b>
<b>RECEIVER</b> .....	<b>8</b>
<b>CONNECTING UP</b> .....	<b>9</b>
<b>HOOKING UP THE SENDER</b> .....	<b>9</b>
<b>HOOKING UP THE RECEIVER</b> .....	<b>10</b>
<b>FINE TUNING YOUR SYSTEM</b> .....	<b>11</b>

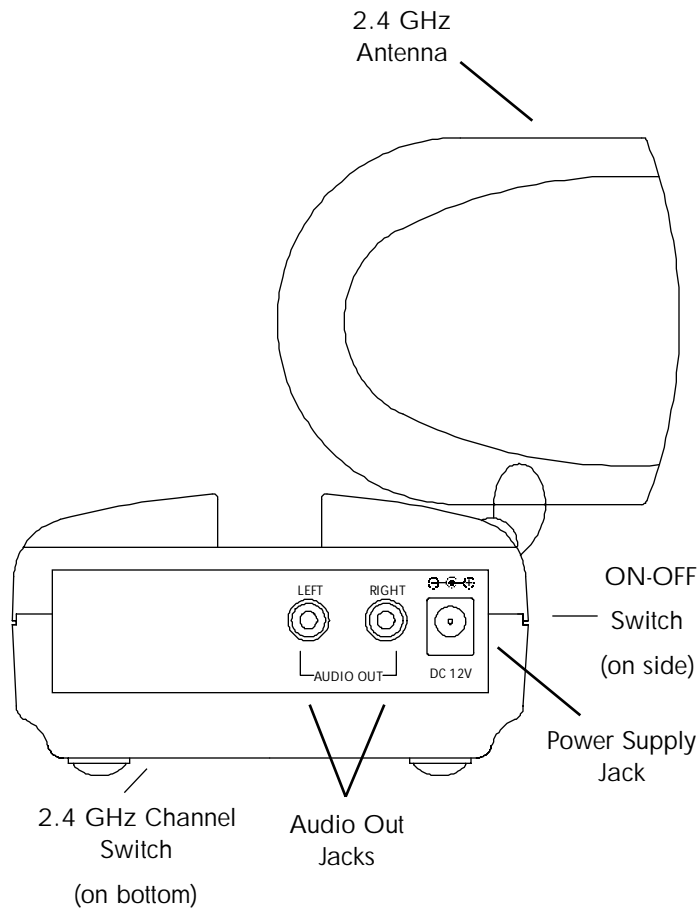


## CONTROLS AND CONNECTIONS

### SENDER



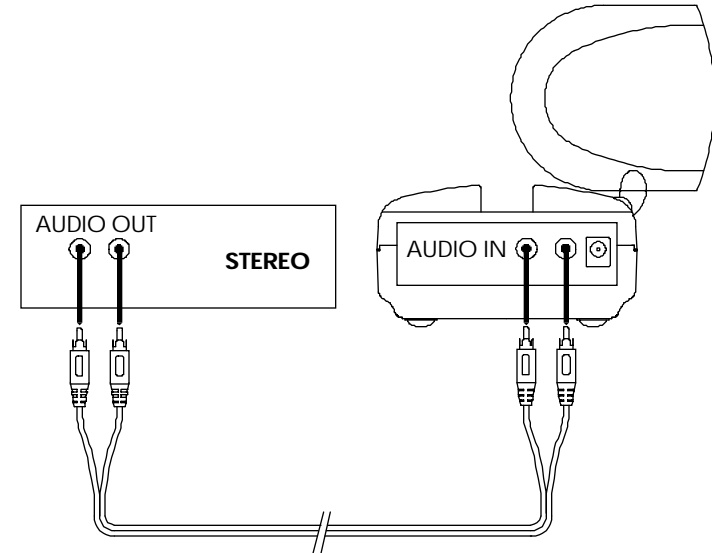
## RECEIVER



## CONNECTING UP

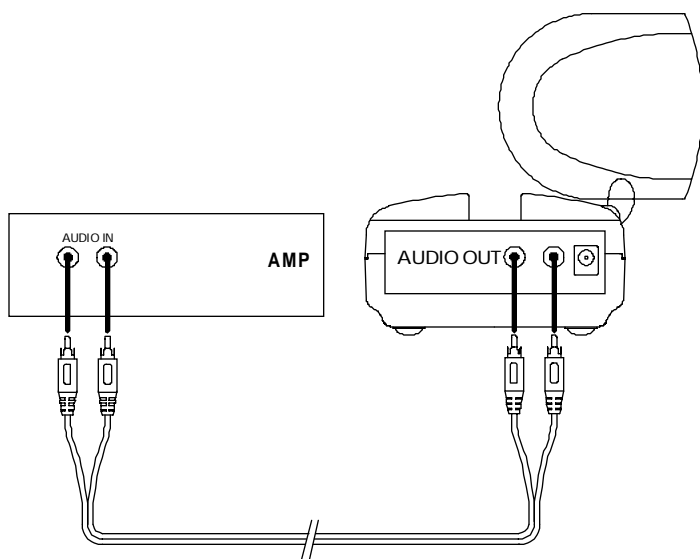
### HOOKING UP THE AUDIO SENDER

1. Connect the jack on the audio cable (supplied) to the audio out jack on your stereo (or other audio source).
2. Connect the red RCA plug to the socket labelled AUDIO RIGHT and the white RCA plug to the jack labeled AUDIO LEFT on the Audio Sender.
3. Plug the Audio Sender's Power Supply (the smaller of the two power supplies) into a convenient 120 volt wall outlet and plug its jack into the Audio Sender.
4. Position the Audio Sender in a convenient location such as on top of the stereo and orient the antenna so that the flat side points in the direction of the room where you will be installing the Audio Receiver.



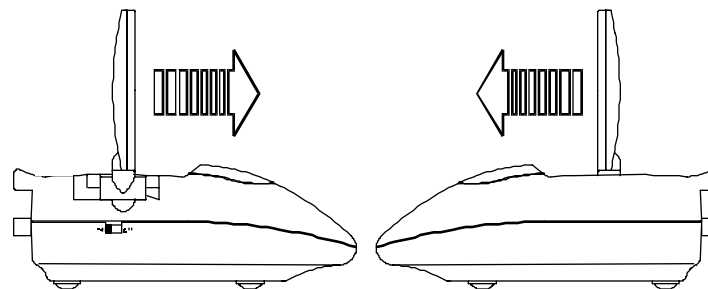
## HOOKING UP THE AUDIO RECEIVER

1. Connect a set of Audio cable to the audio OUT jacks on the Audio Receiver. Connect the other end to your stereo system's amplifier.
2. Plug the Audio Receiver's Power Supply (the larger of the two power supplies) into a 120 volt wall outlet and plug its jack into the Audio Receiver.
3. Position the Audio Receiver in a convenient location such as on top of your stereo system and orient the antenna so that the flat side points in the direction of the room where you set up the Audio Sender.



## FINE TUNING YOUR SYSTEM

The Wireless Audio Sender usually works best with the flat faces of the antennas on the Sender and Receiver unit facing each other (i.e. in "Line of sight" - see diagram below). Sometimes, however, reflections and other effects in the home may affect the signal so that some adjustment of either the Sender or Receiver antenna may be necessary to get the best the signal.



### ***If YOU ARE NOT GETTING ANY SIGNAL AT ALL***

Check that the CHANNEL slide switch (labeled A, B, C, D) on both units (on bottom) is set to the same letter.

### ***If THE SIGNAL IS POOR, OR THERE IS INTERFERENCE***

Try changing the channel on both units. Do this by adjusting the CHANNEL slide switch on the bottom of each unit to any position from A to C. Make sure both units are set to the same channel.



# WARRANTY

## 12 MONTH LIMITED WARRANTY

X10 (USA) INC. (X10) WARRANTS ITS PRODUCTS TO BE FREE FROM DEFECTIVE MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR FROM THE ORIGINAL DATE OF PURCHASE AT RETAIL. X10 AGREES TO REPAIR OR REPLACE, AT ITS SOLE DISCRETION, A DEFECTIVE X10 PRODUCT IF RETURNED TO X10 WITHIN THE WARRANTY PERIOD AND WITH PROOF OF PURCHASE.

IF SERVICE IS REQUIRED UNDER THIS WARRANTY:

1. RETURN THE DEFECTIVE UNIT POSTAGE PREPAID TO THE ADDRESS BELOW.
2. ENCLOSE A CHECK FOR \$4.00 TO COVER HANDLING AND RETURN POSTAGE.
3. ENCLOSE A DATED PROOF OF PURCHASE.
4. X10 IS NOT RESPONSIBLE FOR SHIPPING DAMAGE. UNITS TO BE RETURNED SHOULD BE PACKED CAREFULLY.

THIS WARRANTY DOES NOT EXTEND TO ANY X10 PRODUCTS WHICH HAVE BEEN SUBJECT TO MISUSE, NEGLIGENCE, ACCIDENT, INCORRECT WIRING OR TO USE IN VIOLATION OF OPERATING INSTRUCTIONS FURNISHED BY US, NOR EXTEND TO ANY UNITS ALTERED OR REPAIRED FOR WARRANTY DEFECT BY ANYONE OTHER THAN X10. THIS WARRANTY DOES NOT COVER ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES AND IS IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED AND NO REPRESENTATIVE OR PERSON IS AUTHORIZED TO ASSUME FOR US ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF OUR PRODUCTS.

SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, AND/OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES SO THE ABOVE LIMITATIONS AND EXCLUSIONS MAY NOT APPLY TO THE ORIGINAL CUSTOMER. THIS WARRANTY GIVES YOU SPECIFIC RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

**X10 (USA) Inc.**  
**3824 North 5th St.,**  
**Suite C, North Las Vegas, NV 89030**  
**Web Site: [www.x10.com](http://www.x10.com)**

AK11A -08/00

