

# REL

ACOUSTICS LTD.



Operating Instructions for the

# HT-Air MkII™ Wireless

## FCC 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.

Any Changes or modifications 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 the 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 and 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.

This Equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20cm between the radiator (wireless transmitter) and your body.

## **HT-Air MkII™ Wireless**

REL have acquired a sterling reputation within the industry for delivering great sounding, reliable wireless delivery of the REL experience. The freedom this confers on our customers produces several benefits; it permits ultra-high performance without the cumbersome tether of a cable, permits careful placement without being limited by the length of a cable and can lead to a better sounding, less cluttered experience.

HT-Air MkII™ Wireless is our latest method of distributing 5.8 Ghz wireless and delivers .1/LFE or stereo Low Level performance similar to our more expensive wireless systems quickly, reliably and without the thin, non-dynamic sound many wireless systems deliver. In part, this is achieved by eliminating the often very slow delivery methods offered by off-the-shelf Bluetooth and wi-fi based systems.

We, at REL, are committed to delivering the highest quality listening experience for our customers; HT-Air MkII™ is yet another way in which we show we are listening to you.

## HT-Air MkII™ Panel Connection Legend



### REL HT-Air MkII™ Wireless Transmitter

- 1 Inputs:** Use both for stereo two channel inputs, or Right/LFE only for home theater.
- 2 Pair Switch:** Used to pair REL HT-Air MkII™ Wireless transmitter with it's receiver.
- 3 LED:** Indicates whether the REL HT-Air MkII™ Wireless transmitter is paired with the receiver or not.
- 4 Power Adapter Socket:** DC input socket that accepts a detachable power adapter.



## REL HT-Air MkII™ Wireless Receiver

- 1 OUTPUTS:** Used to connect as stereo out or the low LFE input of a REL subwoofer.
- 2 Pair Switch:** Used to pair REL HT-Air MkII™ Wireless receiver with it's transmitter.
- 3 LED:** Indicates whether the REL HT-Air MkII™ Wireless receiver is paired with the transmitter or not.
- 4 Power Adapter Socket:** DC input socket that accepts a detachable power adapter.

## Connecting Up

The REL HT-Air MkII™ Wireless is intended to be used with the SerieHT or similar REL sub bass system. The transmitter and receiver will require power from an AC wall plug using the power adapter cables supplied.

It is not possible to use the HT-Air MkII™ Wireless connection and a direct connection simultaneously. Using both wired and wireless connections simultaneously could result in damage and voids all warranties.

Always switch your system off before disconnecting any wires.

With the HT-Air MkII™, there are two basic ways to connect and setup. The first is a single channel input from the sub out of a theater or power speaker system. In this case a single RCA cable is needed from the source to the transmitter.

## Theater connection

- Connect RCA cable from Sub Out of theater processor to LFE input of the HT-Air MkII™ transmitter.

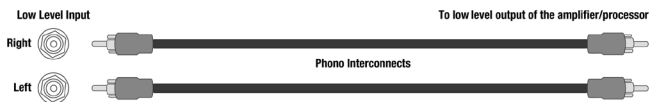


Then use the second RCA from the LFE output of the HT-Air MkII™ receiver to the LFE input of the REL.

The second is a stereo input from a stereo preamp or powered speaker system. You will need to use two RCA cables.

## Powered Speaker connection

- Connect RCA from L/R output of the source to the inputs of the HT-Air MkII™.



Then use two more RCA cables and connect from the L/R outputs of the HT-Air MkII™ receiver to the inputs of the REL.

## Pairing

Now that the HT-Air MkII™ Wireless transmitter and receiver are connected to your system, the unit will need to be paired.

- 1 Make sure that the transmitter AC to DC wall plug supply is connected to an AC outlet, and that the barrel connector is connected to the transmitter.
- 2 Make sure that the receiver AC to DC wall plug supply is connected to an AC outlet, and that the barrel connector is connected to the receiver.
- 3 Make sure that the sub is plugged into an AC outlet using the supplied AC cable and that the sub is turned on. Power switch is located on the rear panel.
- 4 At this point the transmitter and receiver should find each other and pair together. This will be indicated by the “Pair” LEDs on both the transmitter and control panel staying lit (no flashing).
- 5 In the event that the transmitter and receiver do not automatically pair, simply exercise the momentary “Pair” button on the receiver until the LED flashes.



- 6 Then exercise the “Pair’ button on the transmitter.
- 7 When correctly paired, the LEDs on both units will stop flashing and stay solid within 5 seconds.

| Status           | LED Indicator           |
|------------------|-------------------------|
| Paired           | Continuously on         |
| Looking for Pair | Blinks twice per second |
| Standby          | Blinks once per second  |

Pairing is persistent and will not be lost when unplugged.

## Care

The units are best maintained by using a damp (not wet) cloth to remove dust. Do not place objects, such as drinks on top of your REL Air transmitter. Never use a dry cloth on this finish to prevent scratches.

## Technical

The HT-Air MkII™ Wireless transmitter provides true REL theater experience. This occurs with virtually zero delay and a complete absence of compression.

## HT-Air MkII™ Wireless Transmitter

|                                     |  |
|-------------------------------------|--|
| <b>Input Connectors:</b>            | Stereo RCA, LFE input uses Right channel input only. |
| <b>Input Impedance:</b>             | 10k ohms   |
| <b>Wireless Output Power:</b>       | 0 dBm  |
| <b>Wireless Effective Distance:</b> | 30 ft (10 meters) with clear line of site            |
| <b>Mains Input Voltage:</b>         | 5V DC, 5.5mm circular connector, positive center     |
| <b>Power Consumption:</b>           | 600 mWatts   |
| <b>Dimensions (WHD):</b>            | 2 3/4 x 2 1/16 x 3 1/4 in.,<br>(70 x 53 x 82.3 mm)   |
| <b>Finish:</b>                      | Black  |
| <b>Supplied Accessories</b>         | X2 Power adapters<br>X2 RCA Cable: 2 meter in length |

*In the interest of product improvement, REL Acoustics Limited reserves the right to alter these specifications without notice.*



## Notes

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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