

# REL

ACOUSTICS LTD.



Operating Instructions for the

# HT-Air™ 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.

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.

## **HT-Air™ Wireless**

REL have quickly 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 is many fold; it permits ultra high performance without the cumbersome tether of a cable, permits careful placement without being limited by the length of a wire and can lead to a better sounding, less cluttered experience.

HT-Air™ Wireless is our latest method of distributing wireless and delivers performance similar to our more expensive wireless systems quickly, reliably and without the thin, dried out sound most 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. Air represents something of a technology breakthrough as it uses the 5.8Ghz frequency band to increase reliability and overall performance.

At REL, we are committed to delivering the best possible listening experience for our customers; Air is yet another way in which we show we are listening to you.

## HT-Air™ Wireless Panel Connection Legend



### REL HT-Air™ Wireless Transmitter

- 1 Power Adapter Socket:** DC input socket that accepts a detachable power adapter.
- 2 STEREO INPUT:** Use to connect two channel.
- 3 LED:** Indicates whether the REL HT-Air™ Wireless transmitter is paired with the receiver or not.
- 4 Pair Switch:** Used to pair REL HT-Air™ Wireless transmitter with REL cabinet.



## REL HT-Air™ Wireless Receiver

- 1 Power Adapter Socket:** DC input socket that accepts a detachable power adapter.
- 2 SUB OUT:** Used to connect to the low level input of a REL subwoofer.
- 3 LED:** Indicates whether the REL HT-Air™ Wireless receiver is paired with the transmitter or not.
- 4 Pair Switch:** Used to pair REL HT-Air™ Wireless receiver with REL cabinet.

## Connecting Up

The REL HT-Air™ 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 cable supplied.

It is not possible to use the HT-Air™ 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 REL SerieHT, 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 need and the CROSSOVER control can be set to LFE since the source will have an internal upper frequency limit.

## Theater connection

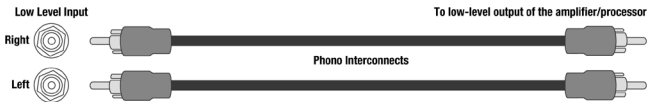
– Connect RCA cable from Sub Out of theater processor to LFE input of SerieHT.



The second is a stereo input from a stereo preamp or powered speaker system. Here there will be the need for two RCA cables and the user can set the upper frequency limit using the CROSSOVER control.

## Powered Speaker connection

– Connect RCA from output to right input for mono or both left and right for stereo.



## Pairing

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

## HT-Air™ Wireless Transmitter

<b>Input Connectors:</b>	Stereo RCA , LFE input uses Left 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>	3 3/8 x 1 1/4 x 3 1/4 in., (86 x 31.75 x 82.5 mm)
<b>Finish:</b>	Black
<b>Supplied Accessories</b>	
<b>Power Adapter:</b>	Yes
<b>LFE Cable:</b>	2 cables @ 1 meter in length

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





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