

Habitat1 Wireless sub bass system





Habitat1 is a brilliant new concept that takes sub bass to new levels by incorporating the room, your Habitat, into our design. It is common in design circles to speak of taking the room into account, but never has the complete system approach employed by REL been utilized so utterly to one singular purpose. Perfect, deep bass of the sort that would never expect to emanate almost invisibly from somewhere hidden within the room.

The complete absence of wires needed to move the signal flawlessly from player to Habitat1 is key to this execution. REL's Longbow[™] employs a new state of the art chip that, unlike virtually every other design, has ZERO













compression. Hence the fidelity to the original event is retained perfectly and delay is minimized. Result? Crisp, clear bass in perfect time with the music or film.

Starting with a clean sheet of paper, we designed custom bass mini-engines to produce truly awe-inspiring bass in an ultra-thin envelope. We then put the wall to use, reinforcing and extending the output in harmony with your room's acoustics. Clever.

Experience the perfect fusion of style and high performance low bass, embodied in a design intended to encourage functional invisibility. Though if you do happen to notice it, the eye will delight in the form it embraces! Habitat1.

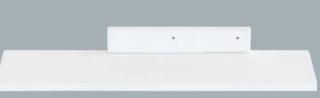
Habitat1/Longbow™ Wireless Transmitter

Longbow permits use of the full complement of REL connectivity, including wireless transmission of BOTH High Level and .1/LFE concurrently, thereby producing the rich, full bass weight missing from conventional subwoofers.

Automatic detection and pairing is an important component to the REL approach. Simply plug both Habitat1 and Longbow Wireless Transmitter in within 30 seconds of each other and they will seek each other out and auto pair. Forgot to do so in time? No issue, simply flick the pairing toggle on each unit and pairing will occur within seconds.

Ease of installation is another important criterion; we spent months engineering the mounting hardware to permit easy and accurate mounting of Habitat1 onto a variety of wall structures including masonry or brick walls, modern sheet rock and stud construction.





Habitat1 / Longbow Wireless Transmitter SpecificationsProtection SystemHabitat1Type:Sealed, two front-firing active woofers,
one rear-firing passive radiatorFully Electronic
SET-SAFE:
D.C. Fault:
Output Short:Drive Unit:Two 6.5 in., 165 mm long-throw,
steel chassisFuse:Passive Unit:10 in., steel chassisFuse:Lower Frequency Response:30Hz at -6dB in roomPower Consumption:Input Connectors:High Level Neutrik Speakon
Low Level single phono
.1/LFE single phonoDimensions (WHD):Input Impedance
High Level:150k ohms
10k ohmsNet Weight:Finish:10k ohmsSupplied AccessoriesGain Control Range:80dBMains Lead:
Neutrik Speakon IntercorPower Output:150 Watts (RMS)Neutrik Speakon IntercorPhase Switch:Yes, 0 or 180 degreesNeutrik Speakon Intercor

Yes Yes Yes 100-240V 1.6A for 230V operation 3.16A for 120V operation 16.3 Watts for 120V operation 19 Watts for 230V operation When mains switch is turned off, unit draws no power 25 x 16 x 4.5 in., (635 x 406 x 114 mm) 50lbs. (23kg) Gloss Piano Black or Gloss White Lacquer Yes Yes connect: Yes (2 meter cable intended for use with Longbow Wireless Transmitter) Yes Left: Rear of Habitat1 showing mounting brackets, 10" passive radiator, conventional wired inputs

Bottom Left: Optional Habitat1 floor mount, when wall mounting is simply not an option

Below: Rear panel of Longbow Wireless Transmitter featuring High Level, .1/LFE and Low Level inputs. High Level and .1/LFE can be run concurrently to permit REL Reference Theater operation that re-establishes consistent, full range bass in addition to special effects bass



Longbow Wireless Transmitter

| Input Connectors: | High Level Neutrik Speakon Low Level single phono .1/LFE single phono |
|--|---|
| Input Impedance: High Level: Low Level: .1/LFE: | 150k ohms 10k ohms 10k ohms |
| Wireless Output Power: | 11dBm |
| Wireless Effective Distance: | 50 ft (15.2 meters) with clear line of site 30 ft (9.1 meters) with single stud wall between transmitter and receiver |
| Mains Input Voltage Adaptor: | 9V DC, 5.5 mm circular connector, positive center, included |
| Power Consumption: | 600 mW |
| Dimensions (WHD): | 6 x 2 x 6.5 in., (152.4 x 50.8 x 165 mm) |
| | Gloss Piano Black or Gloss White Lacquer |
| Supplied Accessories | |
| Power Adaptor: | Yes |
| | |

n the interest of product development, REL Acoustics Limited reserve the right to vary these specifications without notice.

