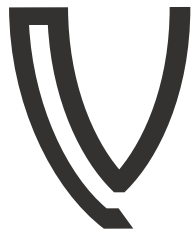


R80



LIVING VOICE





LIVING VOICE

A message from Kevin Scott

Thank you for purchasing the R80 loudspeakers. The R80 is a synthesis of everything I have learned in the past 30 years.

I wanted to create a loudspeaker that combined the lyricism and visceral thrill of the Vox Olympian with the innate musicality and coherence of the OBX-RW4.

Like all Living Voice loudspeakers, the R80 is a finely tuned recipe and incorporates precision crossover components hand-made in-house or by trusted specialist suppliers.

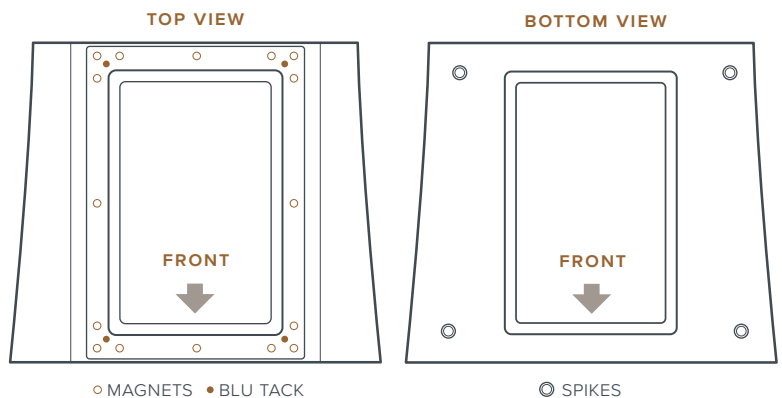
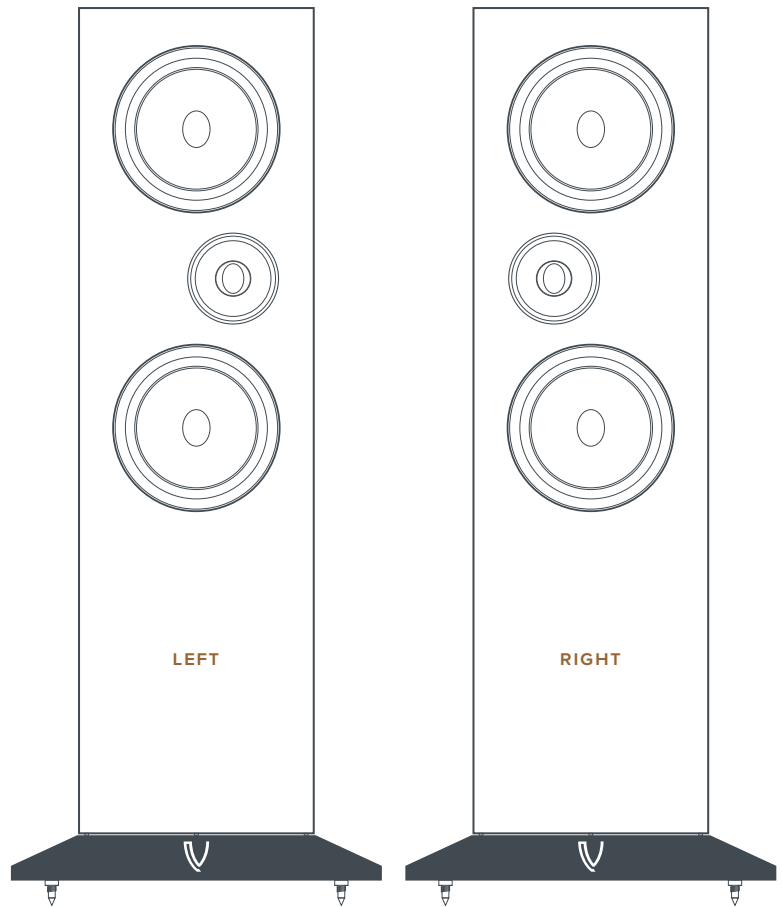
With a high sensitivity of 93dB and an extremely benign impedance characteristic, the R80 will bring the most out of your partnering electronics without compatibility issues.

The R80 is a loudspeaker for music lovers and when properly set-up will make a wonderful musical companion. These guidelines will help you achieve the best results.

Kevin Scott

DIRECTOR AND DESIGNER
LIVING VOICE

R80



ASSEMBLING THE PLINTH

Fit the spikes and locking nuts to the underside of the plinths so that the plinths are nominally level on the floor. Do not over-tighten the locking nuts on the spikes. Slightly more than 'finger tight' is initially sufficient. Use the floor protectors provided if required and position them beneath the 4 spikes.

MOUNTING THE CABINET ON THE PLINTH

Ideally, use a spirit level and the 2 spanners from the accessory box to aid this task.

It is worth taking considerable care when positioning the R80 speaker plinths to ensure they are level and stable.

It is advisable to position and level the speaker plinths prior to mounting the cabinet onto them.

The R80 plinth and cabinet have 16 corresponding magnets specifically designed to achieve accurate registration. Please note that the magnets are not designed to hold the plinth onto the cabinet if the cabinet is lifted up; these are purely for the purposes of accurate registration.

Place four pieces of 'Blu Tack' (provided), each rolled into a small ball no bigger than 4mm diameter, on top of each corner of the plinth, set to the inside of the frame.

Carefully place the speaker on the plinth. The best way to lift the cabinet is with 2 people – each with one hand in the rear vent and a flat palm on the cabinet's front baffle. Take great care not to touch the drive units.

After a few days the plinth and the cabinet will usually be so well bonded with Blu Tack that they will not separate easily.

Care must be taken when moving the speakers so that they do not cause damage or injury

CONNECTIONS

Connections should be made with ALL electronic equipment (amplifiers & preamplifiers) turned off.

The high frequency and bass/mid terminals are colour-coded red and black. Connect these to your amplifier using a high-quality speaker cable. It is preferable to use a bi-wired speaker cable set, however, if you need to single wire, you must bridge the 2 red terminals together and the 2 black terminals together. Do NOT bridge red to black.

NB. The R80 speaker is NOT designed for bi-amping.

CARE

To clean your R80 speakers occasionally use a very soft lint-free or microfibre cloth.

Do NOT use cleaners that contain ammonia, strong solvents, or silicone-based polish. Use of such products will damage the finish of your speaker cabinets.

LISTENING POSITION & SET-UP

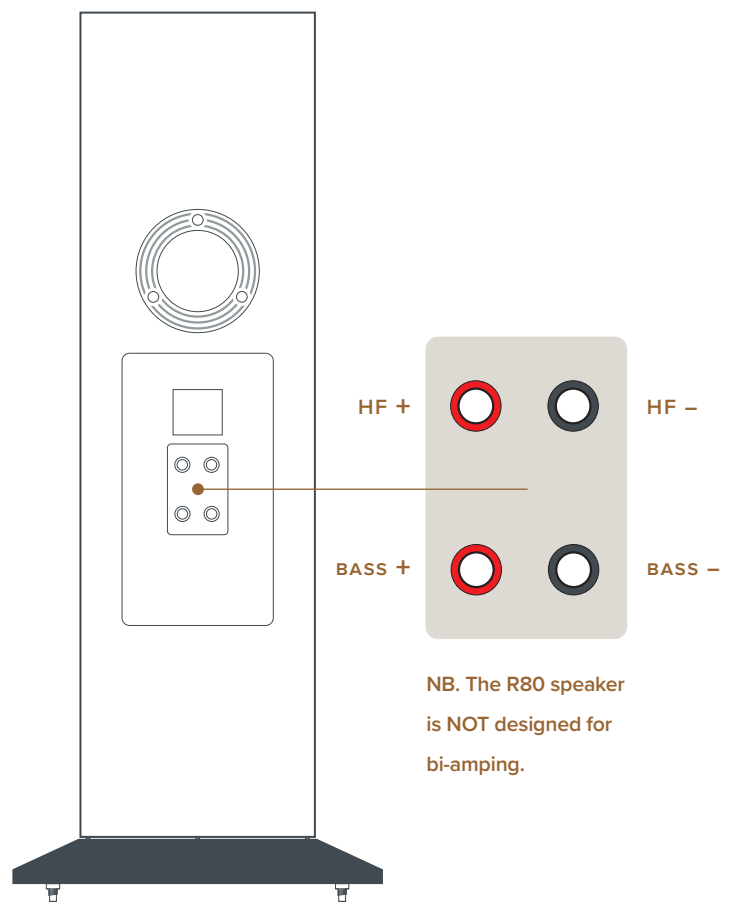
The tonal balance of any loudspeaker is affected by the room in which it is used, and proximity to room boundaries is a key issue. Try to position the left and right speakers at the same distance from the back wall.

A naturally proportioned stereo presentation can be achieved by moving the speakers closer together or further apart by adjusting the angle of toe-in.

Position the speakers so that the horizontal axes of the HF units cross before your usual listening distance. This configuration will give good depth of field and energise the room off-axis.

All Living Voice loudspeakers need a period of use before they reach their optimum performance. It can take up to 200 hours playing to reach their full potential. However, you will begin to hear a difference after 30 hours, and it can sometimes be useful to re-adjust the speaker position after this 'run-in' period.

When you are happy with the presentation, make sure the cabinets are level using a spirit level. Also make sure that the speaker is very firmly planted on its spikes with no rock, chatter or wobble. Take time to get this right, and then firmly lock off the locking nuts on the spikes using the smaller spanner provided to hold the spike and the larger spanner to pinch up the locking nut.



LIVING VOICE R80 WARRANTY

Thank you for purchasing this fine pair of Living Voice R80 loudspeakers. The R80 has been designed and manufactured to the highest quality standards and when used with appropriate ancillary equipment will provide many years of musical enjoyment. However, if something does go wrong with this product, Living Voice will warrant the replacement of defective parts including labour (exclusions may apply).

This warranty is valid for a period of 5 years from the date of purchase and is subject to the following requirements and understandings. Failure to observe these results in the warranty being immediately voided.

This warranty covers the Living Voice R80 loudspeakers. It does not affect your statutory rights.

Terms and conditions:

- The product must not be modified in any way, including the removal of drive units.
- The product must not be used or stored in a humid or insect infested environment, nor subject to outside weather, water, or salt spray.
- During the warranty period Living Voice or its appointed agent will repair the R80 loudspeaker to working order, or at Living Voice's option will replace a defective pair of R80 loudspeakers with a similar available product, at no extra cost to the owner including labour, materials, and shipping charges.
- Living Voice shall not, under any circumstances, be liable for any incidental or consequential damages arising from the loss of property or other damage or losses due to the failure of the R80 loudspeakers. Living Voice will not pay for damage caused to any other components caused by the failure of a pair of R80 within the limits allowed by national law.
- All repairs must be performed by an authorised service facility or by Living Voice.
- This product is only warranted in the country of original sale by Living Voice.
- This warranty is only valid for the original owner. It is not transferable. It is only valid when purchased from an authorised Living Voice dealer. A valid receipt with the purchaser's name, date of purchase, and dealer information must be submitted with all warranty cases.
- Living Voice can take no responsibility for loss or impairment to health and hearing through misuse of the R80 loudspeaker.
- All repairs performed after the warranty period has expired will be billed to the owner and will carry a 90-day warranty on and labour.

R80



LIVINGVOICE

SPECIFICATIONS

SENSITIVITY
Sensitivity: 92dB (2.83v @1m)

NOMINAL IMPEDANCE
6 ohms

MINIMUM/ MAXIMUM IMPEDANCE
4.2 ohms/ 9.5 ohms

LOADING
Reflex port to rear of cabinet.

POWER HANDLING
200 watts.

FREQUENCY RESPONSE
25 Hz to 20 kHz

CABINET DIMENSIONS
310mm W x 423mm D x 1090mm H.

PLINTH DIMENSIONS
490mm wide at the front, tapering to 430mm wide at the rear, x 423mm D x 60mm H. Black satin finish.

GROSS WEIGHT
48.1 kgs per cabinet (IB-X);
45.5 kgs per cabinet (OB-X);
4.5 kgs per plinth;
8 kgs per external crossover

EXTERNAL CROSSOVER DIMENSIONS (1N 'SUITCASE' ORIENTATION):
120mm W x 450mm D x 270mm H

INCLUDED ACCESSORIES:
Accessory Box with set of 8 spikes & floor protectors; 2 spanners enabling easy height adjustment of the speaker in-situ: 1 spanner for rotating the spike and 1 for locking it.

AVAILABLE FINISHES:
Cabinets made in premium furniture grade, book-matched veneers.
Outboard crossovers (where supplied) in matching book-matched veneers.
Gloss/Satin Ebony, Gloss/Satin Santos, Pippy Oak, Walnut. RAL & other finishes by special order.

TECHNICAL SUMMARY

- Benign impedance characteristic
 - High sensitivity wide dispersion MTM topology
 - 36mm dense hardwood composite enclosure. Interior lined with maple veneer.
 - Stiff internal triple bracing
 - Living Voice proprietary hand-wound air core inductors
 - Optimised crossover layout, mechanically isolated with star earthing
 - Crystal oriented internal wiring harness
 - Proprietary non-inductive wire-wound resistors
 - Proprietary Living Voice polypropylene capacitors
 - Gold WBT binding posts
- HF DRIVERS:**
Scanspeak Ellipticor 34mm Dome tweeter 4ohm. Elliptical Voice coil. Neo AirCirc 120mm.
- BASS / MID DRIVERS:**
Scanspeak Ellipticor 21cm Midwoofer 8ohm. Paper cone. Elliptical Voice Coil. Neo AirCirc.
- DEEP CRYOGENIC TREATMENT:**
Applied to WBTs, internal wiring harness and select crossover components.