



## Indiana Line Utah 8 – floorstanding loudspeaker

The Utah 8 floorstanding loudspeaker has been designed from the ground up and introduces a host of key – some proprietary – engineering solutions not previously used in Indiana Line designs. This is a substantial, three-way, retro-styled loudspeaker weighing nearly 27 kg and fitted with a magnetically attached grille. Created for larger rooms (over 25 m<sup>2</sup>), Utah 8 delivers a refined, dynamic presentation that clearly surpasses the performance envelope of earlier Indiana Line models.

### Tweeter in a 3D-Guide waveguide

High frequencies are handled by a 28-mm tweeter with an aluminum–magnesium (Al-Mg) dome, delivering crystalline detail and wide treble dispersion. Its high efficiency stems from a drive system built around a neodymium magnet, a copper shorting ring, and a hybrid damping chamber system – both classic axial and radial (Radial Venting Chamber). For maximum sound quality, the driver sits in a precisely contoured 3D-Guide waveguide working in concert with an EQ-Ring phase corrector and an LC-Trap filter in the crossover to effectively suppress resonances.

### Midrange driver with UHVC technology

Midband duties fall to a proprietary 7-inch driver featuring a Curv (woven polypropylene) diaphragm, second-generation Dual-Wave surround and a cast-aluminum basket. To avoid unwanted resonances, it operates in a dedicated sub-enclosure. Its outstanding dynamics are assured by an UHVC (Underhung Voice Coil) drive with a large ferrite magnet, a gap stabilized by a copper shorting ring, and cooling assisted by precisely placed vents in the former. The result is clean, dynamic and exceptionally precise midrange – rare in designs based on more conventional solutions.

## Woofers with Tri-Wave suspension

The bass section is anchored by the largest woofer in Indiana Line's history: a 12-inch driver with the new Tri-Wave suspension and a polypropylene cone of carefully optimized geometry. It can generate higher sound pressure than two Basso 880 subwoofers, delivering powerful yet controlled low frequencies without audible distortion or compression. A refined drive – dual ferrite magnets with a four-layer copper voice coil – provides the necessary drive. Tri-Wave suspension reduces intermodulation distortion and allows roughly twice the excursion of standard solutions, so bass remains precise and dynamic even at elevated listening levels.

## Meticulously voiced crossover

Bandwidth division is handled by a three-way crossover network employing air-core inductors and low-loss polypropylene capacitors, prized for transparency – especially in the upper registers. The architecture supports bi-wiring/bi-amping. In the tweeter path an LC-Trap attenuator, working with the EQ-Ring and 3D-Guide waveguide, eliminates dome resonances. A dedicated LC-Trap network is also used in the bass filter to remove cone resonances outside the driver's passband and the associated distortion.

## Internal bracing

For the first time in an Indiana Line loudspeaker, the Utah 8 incorporates the DIRS (Damped Inner Reinforcement System) – a multi-plane, elastically damped bracing network. Its role is to absorb vibrational energy

generated by the midrange and woofer before it reaches the cabinet walls. Thanks to specialized rubber interfaces and the bracing lattice, the enclosure remains stable and free from coloration. The payoff is exceptionally precise bass, a clean midrange and a wide, believable soundstage. DIRS also optimizes bass-reflex behavior, enhancing the system's overall efficiency.

## Dual bass-reflex with flexible tuning

Utah 8's impressive capability also owes much to its dual, downward-firing bass-reflex ports in the base. Floor coupling reinforces the lowest octaves, while the partnership with the 12-inch woofer in a 66-liter enclosure is free from chuffing and compression. The loudspeaker stands on four rubberized feet that mechanically decouple it from the floor and maintain unimpeded airflow through the ports. The tuning frequency is set at 30 Hz and can be lowered by plugging one or both ports with the supplied foam inserts – allowing you to tailor bass character to the room's acoustics.

## Broad applicability

A sensitivity of 93 dB and a benign impedance profile make for easy partnering with a wide range of amplifiers. Utah 8 is an excellent choice for spacious interiors, whether classic or contemporary. Its carefully judged voicing ensures an expansive soundstage and real versatility – qualities shared with Indiana Line's latest Diva and Tesi series. Thanks to its generous dynamic headroom, Utah 8 shines across musical genres, appealing both to seasoned enthusiasts and to listeners beginning their journey into high-fidelity sound.



### Technical parameters of the Indiana Line Utah 8 model:

- 3-way floorstanding construction
- Optimized crossover with LC-Trap filters
- Crossover frequencies: 350 Hz and 2.2 kHz
- 28-mm aluminum-magnesium (Al-Mg) dome tweeter
- 3D-Guide waveguide and EQ-Ring for the tweeter
- 7-inch midrange driver with Curv diaphragm
- UHVC (Underhung Voice Coil) ferrite drive for the midrange
- Second-generation Dual-Wave suspension for the midrange
- 12-inch woofer with Tri-Wave suspension and stiff polypropylene diaphragm
- Twin down-firing bass-reflex ports
  - three operating modes
- Bi-wire/bi-amp capable terminals
- DIRS (Damped Inner Reinforcement System) internal bracing
- MDF cabinet with PVC veneer
- Magnetically attached grille
- Frequency response: 30 Hz–30 kHz
- Recommended amplifier power: 30–240 W
- Sensitivity: 93 dB (2.8 V/1 m)
- Dimensions (H × W × D):  
700 mm (732 mm with feet) × 400 × 375 mm
- Weight: 27 kg