

REVEL TECHNOLOGY



Guided by science and driven by passion, Revel® engineers have worked closely with Lincoln engineers and designers to integrate the best from Revel home audio into every Lincoln vehicle.

Uncompromising in detail, every Revel system attribute serves a unique and beneficial purpose to provide a listening experience unlike any other. A stable, realistic sonic image extends from side mirror to side mirror, and at a natural height. Sonic colorations are lower than have ever before been attained in an automobile cabin.

Purposeful Design and Architecture

- The relative locations of the door tweeters and midranges are similar to Revel home loudspeakers, and unique to vehicles on the road today.
- This point source architecture improves the accuracy of midrange and high-frequency reproduction, allowing every detail of a song to reach a passenger's ears at the exact same time and at the same magnitude. The result is a pure and authentic experience evoking the emotion of the original musical performance.
- Speaker placement is individually customized for every Lincoln model in such a way that all Revel systems produce the same Revel sonic signature.

Revel Waveguides

- Revel's custom Waveguides circle every tweeter on every door to optimize high-frequency dispersion, allowing a seamless blend between the tweeter and midrange speakers. The result is a realistic music reproduction as pure as it was recorded.

Hybrid Amplifier

- Revel Ultima's proprietary hybrid amplifier strategy employs Class D (low-frequency) and Class A/B hybrid (high-frequency) amplification to provide extraordinary fidelity at any volume while staying true to the original performance.
- A hybrid amplification approach allows Revel to provide the power needed at midrange and low frequencies for accurate dynamics, while also providing amplification optimized for the delicacy of high-frequency musical reproduction.

Shorting Rings

- Field-balancing shorting rings provide increased clarity, allowing you to hear every subtle detail in a song.
- Shorting rings reduce distortion to levels well below audibility to the human ear.

"Cabin Correction"

- Revel home systems are carefully installed and optimized to accurately reproduce music in home environments. Since every room is unique, the "cabin correction" is applied by qualified technicians. Engineers have applied sophisticated "cabin correction" for every seating position so that every listener can enjoy spectacular sound that has been custom-calibrated for each and every Lincoln model.