

PLANOT® SPEAKER

Advanced Properties

- 3D Diaphragm - US Utility Patent
- No Box to Contain the, “Back Wave”₁
- Omnidirectional
- Full Range
- Rigid Diaphragm
- Motor Agnostic - Moving Magnet or Coil, etc
- Rigid Supports - No Surround or Spider

1. Sound generated by the back of the speaker.

PLANOT® SPEAKER

Advanced Properties

- 3D Diaphragm - Moves in 3 Dimensions NOT 2
 - Diaphragm is rigid in construction
 - Will not flex vrs Cones or Domes or Planars
 - Width defines High Frequency Radiation Limit
 - Length defines efficiency

PLANOT® SPEAKER

Advanced Properties

- 3D Diaphragm - Mechanical Properties
 - Diaphragm Pivots back & forth on Long Axis
 - Bearings replace Flexible Surround & Spider
 - Homing/Dampening by Magnetic Device
 - replaces Flexible Surround & Spider

PLANOT® SPEAKER

Advanced Properties

- Applications
 - Scalable from Ear Phones to Auditorium Speakers
 - Fit a Full Range driver where you couldn't before
 - Windshield Pillar...
 - Smart Phone...
 - Sound Bar...
 - Hanging Mount from Ceiling...

PLANOT® SPEAKER

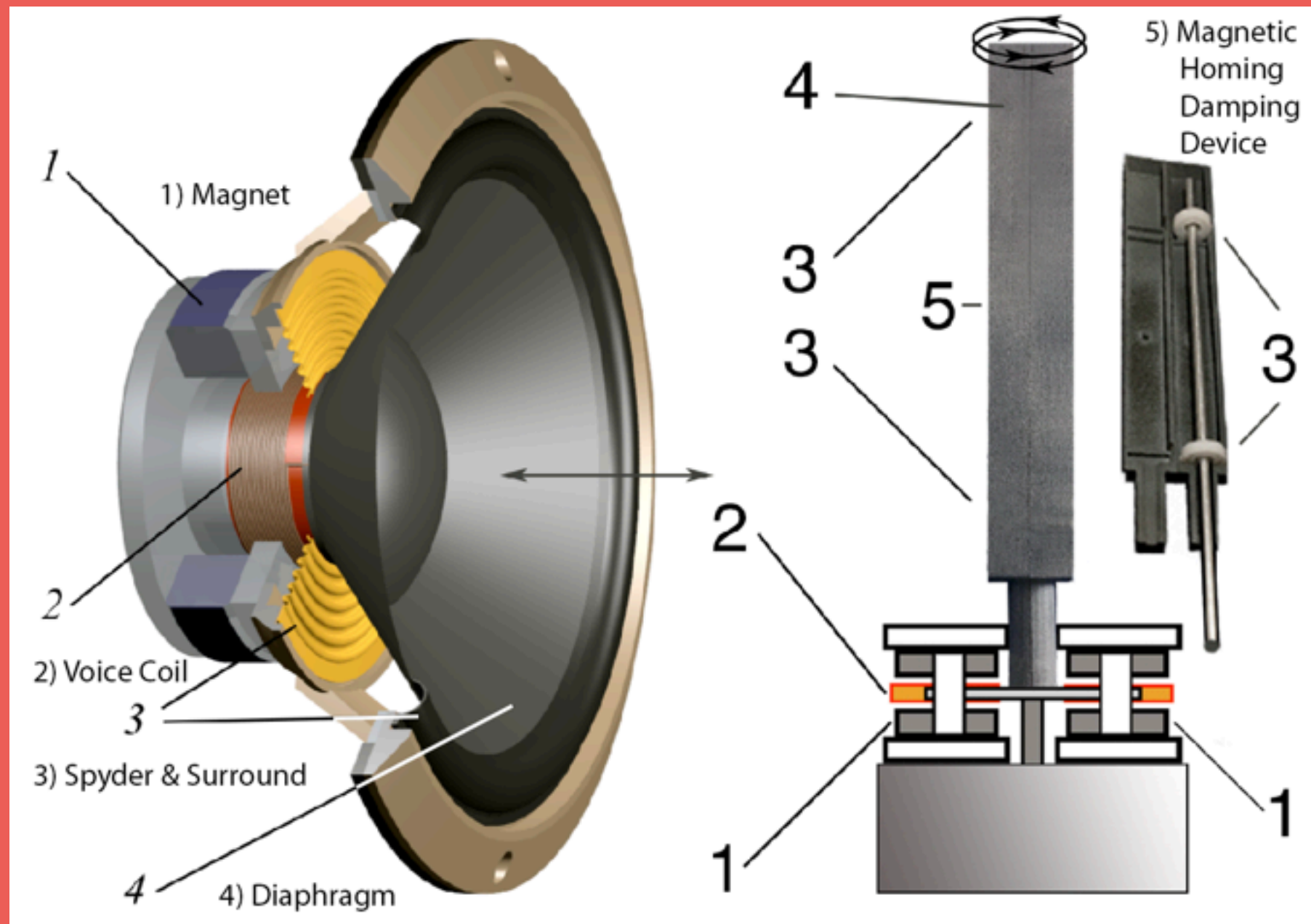
Advanced Properties

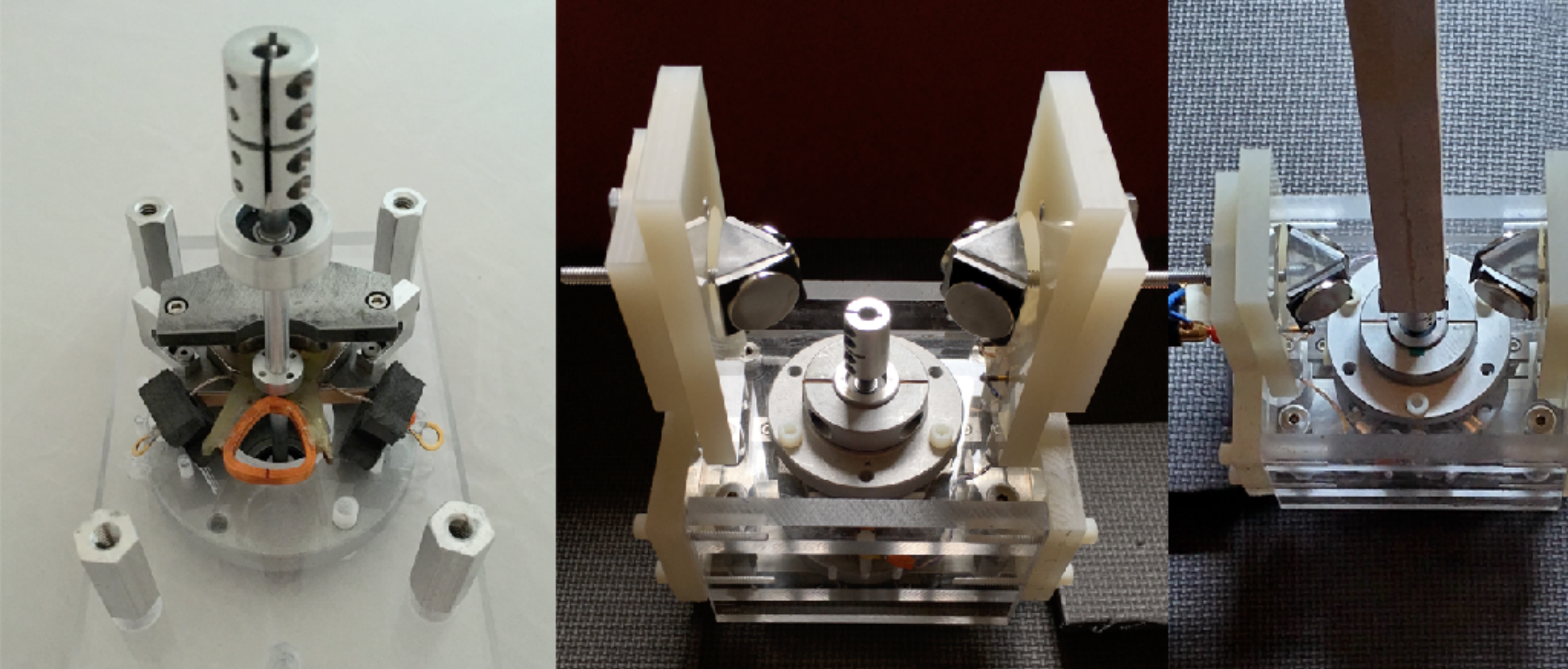
- Applications
 - Fit Full Range driver where you could not before
 - Computer Speakers- free standing & Monitor & Laptop & Tablet...
 - Ultrasound Transducer...
 - Horn Loaded for Higher Efficiency...
 - Moving Magnet Motor for Micro Speakers...

PLANOT® SPEAKER

- Why New It, when you can just ReDo It?
 - Lower Manufacturing Costs = Greater Profit
 - Greener - Fewer Materials & No Wood
 - Significantly Better Performance
 - Can Perform in Ways Old Tech Can't
 - *Spacial* Resolution is Without Peer
 - Think Virtual Reality & Gaming & Movies
 - True Omnidirectional & Full Range

PLANOT® SPEAKER





Planot®

Planot has redesigned the whole concept of a speaker. Old school punches like a piston while Planot evolved to pivot.

Problems With Your Speakers

They require an enclosure to function.

1. Enclosures are bulky.
2. They are difficult to design and manufacture.
3. They are costly.
4. They visually dominate a space.

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Advanced SPEAKER Technology

Problems With Your Speakers

They need a tweeter and a woofer to provide minimum performance.

1. There must be at least two separate speakers, woofer and tweeter, in most all loudspeakers.
2. There are the tweeters for the highs and the woofers for the mid and low sound.
3. There must be a crossover circuit to split the sound between the two speakers.

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Market(s)

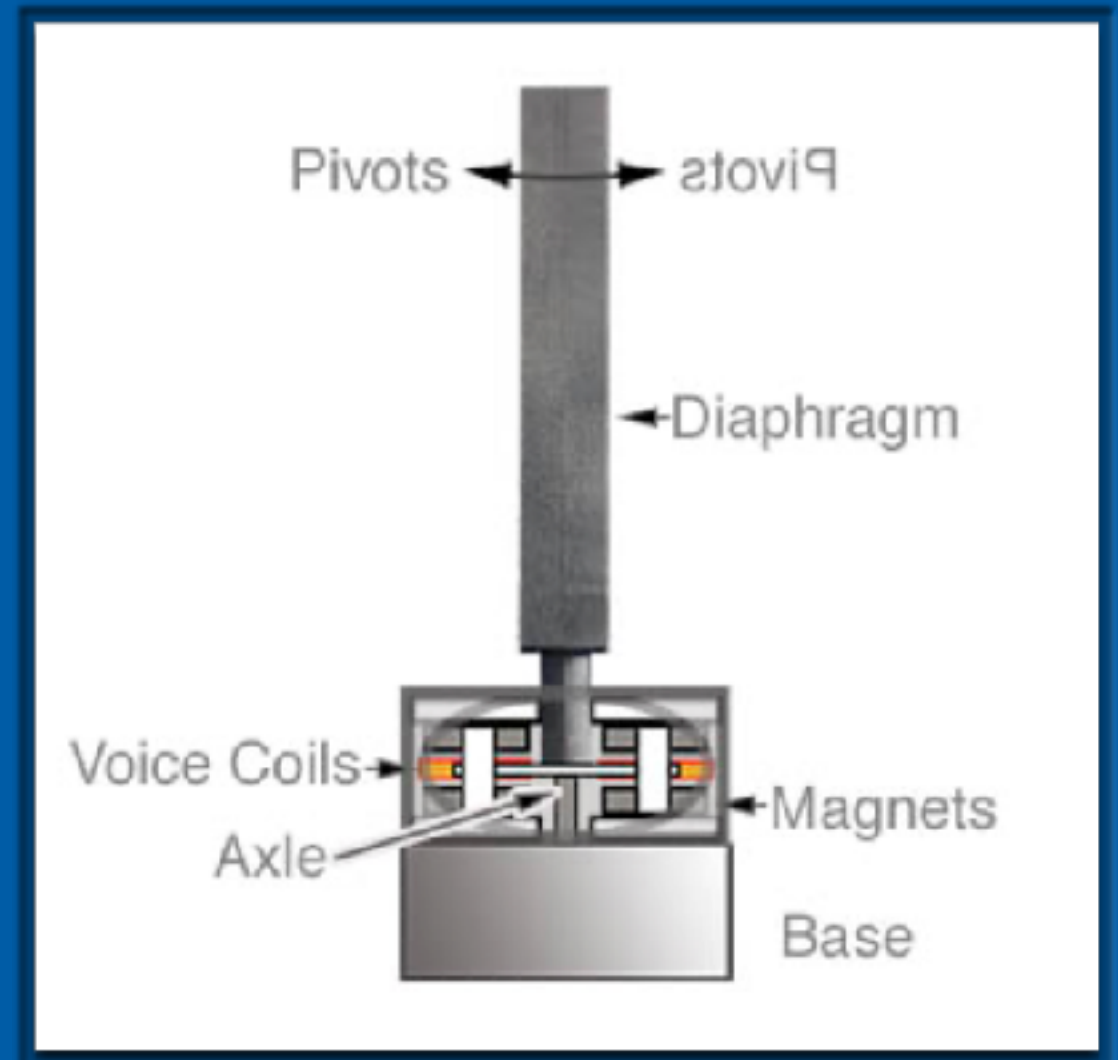
- Just about every piece of technology that generates or reproduces sound.
 - TV's
 - Cell Phones
 - Headphones
 - Tablets
 - Laptops
 - Auditoriums
 - Automobiles
 - Home Systems
 - Airplanes

PLANOT®

Advanced SPEAKER Technology

From Concept to Your Room


- Prototype for Consumer Product
 - The Planotary System
 - Compact, Full-range, Omnidirectional, No-box
 - Perfect Replacement for Smart Speakers, TV's, Autos, etc.



PLANOT®

Advanced SPEAKER Technology

Intellectual Property

- I own 100% of the I.P.
- Some of the largest companies in the world have contacted  me.
 - For example ... Amazon, Philips, Sony, Samsung, etc.

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Advanced SPEAKER Technology