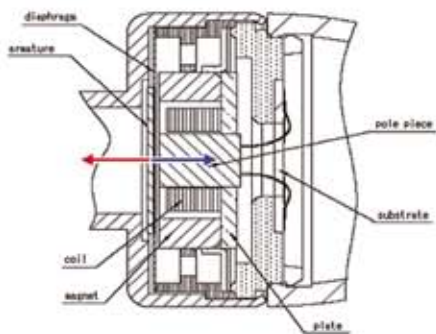




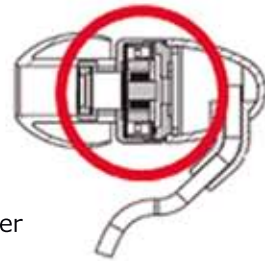
Yashima original 1-magnetic pole type magnetic driver Mass production started.

Extreme Magnetic Driver

One magnetic pole type magnetic driver, which overturned the concept of a conventional magnetic type, with Yashima's original technology added, to allow higher freedom of acoustic designing.



Enlarged cross section of Driver



■ Further refined reproducibility of high-resolution which the magnetic type excels at: With no drive shaft existing to connect the armature and the diaphragm, Yashima EMD gets the armature moving with a difference ultimately adjusted between the resiliency force of the diaphragm and the attraction force of the magnet. The weight of the drive shaft does not hinder the diaphragm from moving. Clear reproduction of music with little distortion gives us the feeling of being at a live performance. Smaller THD makes the unit most suitable for the monitor application.
*THD: totalharmonic distortion.

■ Disk-shaped diaphragm employed. Reproduction of low and medium sound ranges realized to mistake it for a dynamic type's: Yashima EMD has employed a disk-shaped diaphragm of its own development. Uniform vibration of the entire diaphragm gets a low distortion wider amplitude available, has broadened a low and middle range of the frequency, and has enabled a music reproduction which might be mistaken for a dynamic type's.

■ Excellent transient characteristics, and high sound insulation to reduce a sound leakage: Diaphragm of Yashima EMD is designed to has an enough stiffness to withstand the compression force generated at the front and the back of the diaphragm by its movement. It makes it possible for the diaphragm to move livelily even in a sealed state to enable a music reproduction sufficiently. Outdoor use is also a suitable application.

■ High conversion efficiency and low current consumption to run a battery economically to extend its lifespan: Yashima EMD has an excellent conversion efficiency. Then, it makes it possible to get the equivalent sound volume available to the dynamic type's with less VOL. position. Design to hold down the current consumption can extend a lifespan of the battery in portable audio equipments.