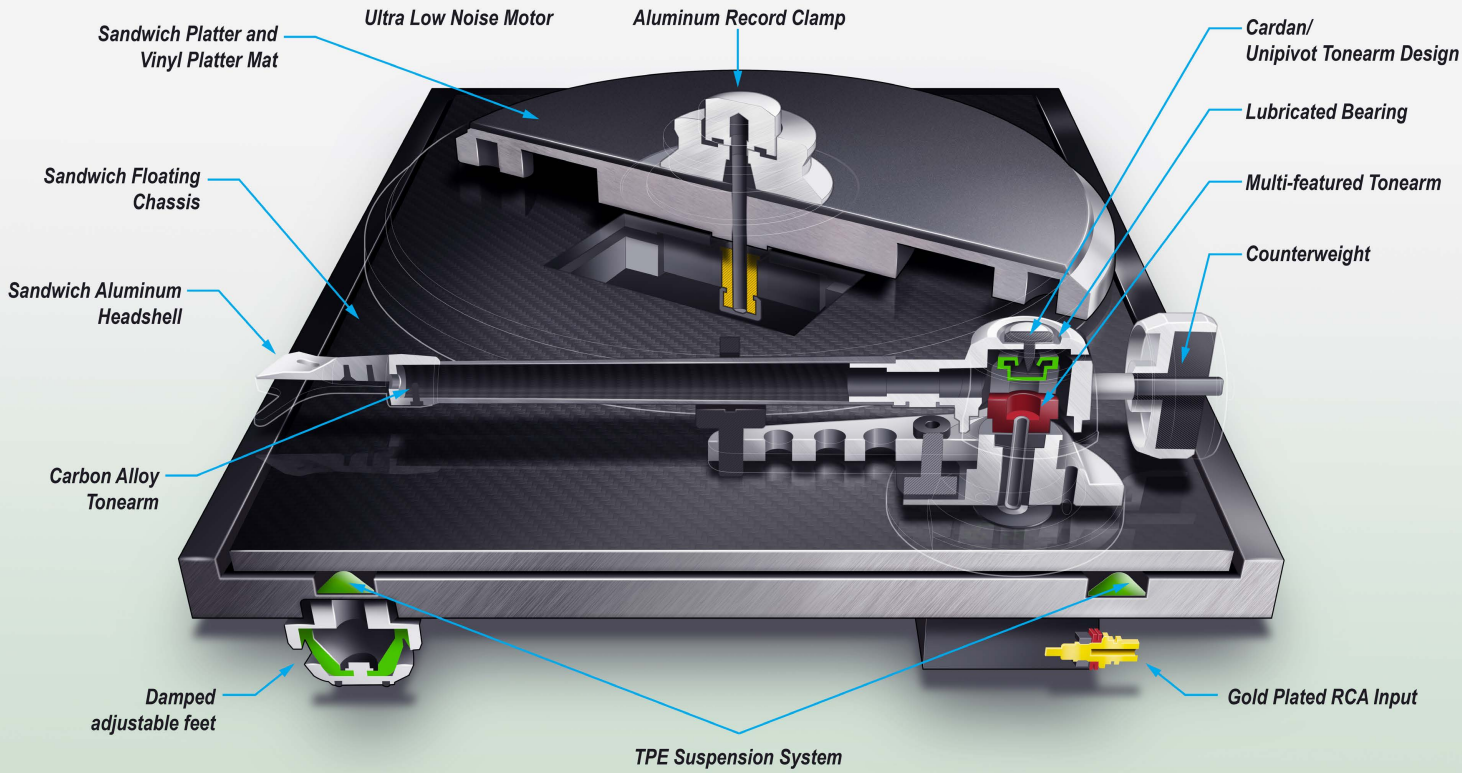
C-Major

European Audio Team



Aluminum Record Clamp precision machined heavy aluminum for added mass, damping, and lower distortion. Creates a more secure and precise coupling for vinyl stability during playback.

Cardan/Unipivot Tonearm Design features A 9" C-Note tonearm made from carbon fibre with copper internal cable that combines all of the advantages of a unipivot arm with a Cardan design. The Cardan bearing for horizontal movement has been optimized for high stability, ease of use, and very low friction. It doesn't wobble like many unipivot designs do, and there is almost no bearing play in the lateral plane.

Lubricated Bearing with a silicon -based grease that damps tonearm/cartridge resonances by more than 50%.

Counterweight with TPE Damping absorbs high-energy vibrations. An additional insert that enables optimal balancing heavier cartridges is included.

Multi-featured Tonearm provides all of the key features for cartridge alignment and adjustability: VTA (Vertical Tracking Angle), SRA (Stylus Rake Angle), VTF (Vertical Tracking Force), azimuth, anti-skate, and a slotted headshell for overhang and offset angle.

Gold Plated RCA Input for better connectivity to the electronics.

TPE Suspension System features conical thermo-plastic elastomers (TPE) that significantly dampens vibrations.

Damped adjustable feet work in concert with the TPE Suspension System and provide the ability to level the table without sacrificing the damped suspension feature.

Carbon Alloy Tonearm that is light, but also super stiff and rigid.

Sandwich Aluminum Headshell made out of special light and rigid aluminum for the perfect combination of the advantages of carbon with the increased inner damping of the aluminum.

Sandwich Floating Chassis low-profile and constructed of Carbon and MDF that gives the C-Major its "superflat" silhouette and contributes to the table stability on different surfaces. The carbon chassis and sub chassis provide a low mass and super rigid base. The light structures store less unwanted vibrational energy. The high strength carbon fiber provides rigid coupling where it needs to be highest, between the tone arm base and platter bearing. A 10Khz signal in the middle of a record has a peak to peak stylus movement of only 10 microns, so any movement in the chassis can cause significant loss in fidelity.

The Sandwich Platter features TPE damping and the **Vinyl Platter Mat** sits on top of a belt-holding sub-platter. Both the platter and sub-platter are constructed from an aluminum / magnesium alloy and sit on bronze bearing. The vinyl mat serves an important function by working with the clamp to contribute to the smooth treble and taut bass of the EAT tables. At the interface between the record and the platter mat, if the mechanical impedance is the same then there is no reflection of power. The wave propagating thru the record caused by the stylus moving in the grove is effectively passed to the mat. This is analogous to the optimized design of an electrical circuit where matching input and output impedances maximizes power transfer and eliminates reflections.

Ultra Low Noise Motor a proprietary AC motor and high precision frequency DC-driven AC generator for speed stability. The Motor, Motor Pully and Drive Belt are fixed on the main chassis. Adjustment of the drive belt allows for speed changes. The tonearm and platter are mounted on a separate suspended chassis, constructed by a sandwich of carbon fibre and MDF.