

## The Fram Range

The sound of a music system is inescapably tied up with its environment. Just as the performance of loudspeakers is influenced by their interface with the structure of a listening room, so is the performance of audio electronics. Microphony, the microscopic disturbance of highly sensitive electronics by mechanical vibration, is responsible, and even with the numerous measures taken within Naim electronics to minimise mechanical vibration, it still has influence. Minimising microphony, through engineered support and isolation, as well as providing an elegant solution to equipment installation, are the dual roles of the updated, reference-level Fram and new, entry-level FramLite equipment stands.

The engineering challenge of minimising microphony through an equipment support is complex. It demands that a support has minimal physical contact with the external environment and yet provides multiple, immensely rigid, decoupled and non-resonant support platforms. It is a challenge that can only be met through the twin pursuits of single-minded engineering innovation and painstaking material selection. The original Naim Fram was launched in 2002, and since then, every Naim electronics product has used it for support during development. Naim equipment supported on Fram is thus living truly in the environment for which it evolved. The principles and performance of Fram and FramLite can however bring benefits to any hi-fi system.

Fram and FramLite are not only about sound quality. Their manufacturing quality expresses exactly the same values of engineering integrity as every Naim product and their sleek, modern design dovetails perfectly with the Naim aesthetic to sit comfortably in any domestic listening environment.

### Finishes\*



Ash/Natural anodised

Cherry/Natural anodised

Black ash/Natural anodised

Ash/Black anodised

Cherry/Black anodised

Black ash/Black anodised

\*Please note due to the nature of wood, actual finishes may vary slightly to those photographed.

### Specifications



#### Fram

<b>PHYSICAL</b>	
Level Height (inc glass shelf)	Standard level 175mm Medium level 250mm Tall level 324mm Base level 155mm
Available Height (per level)	Standard level 105mm Medium level 180mm Tall level 254mm
Shelf Dimensions (glass shelf)	452 x 340mm (W x D)
Overall Dimensions	643 x 442mm (W x D)
Weight	Standard level 7kg Medium level 7.6kg Tall level 8.25kg Base level 8.6kg
<b>FINISH</b>	
Shelves Uprights	Ash, Cherry, Black ash Natural anodised, Black anodised



#### FramLite

<b>PHYSICAL</b>	
Level Height	Standard level 150mm Medium level 225mm Tall level 229mm Base level 79mm
Available Height (per level)	Standard level 131mm Medium level 206mm Tall level 280mm
Shelf Dimensions (wooden shelf)	452 x 340mm (W x D)
Overall Dimensions	643 x 442mm (W x D)
Weight	Standard level 3.5kg Medium level 4.1kg Tall level 4.75kg Base level 2.8kg
<b>FINISH</b>	
Shelves Uprights	Ash, Cherry, Black ash Natural anodised, Black anodised

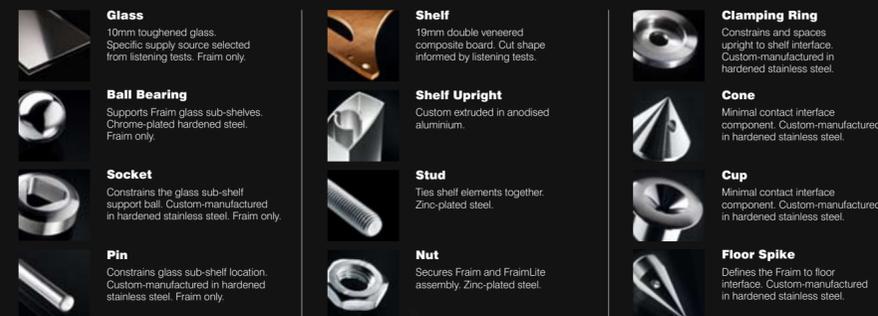
## Fram Equipment Support System



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## The Details



## Fram Reference Equipment Support System

Naim's development of the Fram marked the first time the full engineering resources of a high-end audio manufacturer had been deployed in the design of an equipment stand. And the Fram's performance demonstrates perfectly that Naim knows best how to support its own electronics. The Fram brings more detail, pace and focus to music, working in harmony with the Naim philosophy that makes the fundamentals of music – pitch, timing and dynamics – the priorities.

A Fram module comprises two fundamental elements: the base level and multiple shelving levels. The base level provides a stable and non-resonant three-point foundation that decouples the shelving levels above through two sets of three minimal contact interfaces. Each shelving level then, as well as incorporating a primary set of three cone and cup interfaces, incorporates a glass sub-shelf supported by a further set of three cup and ball bearing interfaces. The Fram principle is that successive minimal contact interfaces progressively decouple the transmission of mechanical energy. This includes the micro-vibrations created when products are immersed in a sound field and those generated by all products while operating, including power supplies. At the same time the interfaces provide a fixed reference plane on which the internal isolation systems of each item of electronics can perform optimally. Additionally, the shelf height options are configured to ensure that magnetic field interaction between electronic products is minimised.

Fram material selection is as significant as the arrangement of its components. Super hard stainless steel, toughened glass selected following intensive listening tests, large section anodised aluminium extrusion and veneered wood composites all contribute to equipment support that both performs to perfection and perfectly complements the Naim aesthetic.



## FramLite Entry-level Equipment Support System

FramLite takes the core Fram concepts and components and strips them back to the fundamentals to create entry-level engineered support for less ambitious Naim systems or lower budgets. Stripping back to the fundamentals however implies no lack of performance or aesthetic quality. The philosophy of the entire Fram concept is based on engineering integrity, and that philosophy is fully expressed in FramLite.

Rather than two-stage base level isolation, FramLite incorporates just a single set of three cone and cup minimal contact interfaces. Each FramLite shelving level then forgoes the Fram's glass sub-shelf to support equipment directly on veneered composite panels.

A FramLite module comprises a single element base level with multiple shelving levels above. The base level and each shelving level incorporate a single set of cone and cup interfaces. As with the reference-level Fram, FramLite support enables Naim electronics to perform by providing the ideal motionless environment. Even modest Naim electronics will benefit, with greater detail resolution, more accurate dynamics, and simply more music.



## The Options

Fram and FramLite shelving level uprights are available in either black or natural anodised finish. Three different lengths – standard, medium and tall – are available to accommodate the different heights of I and XS Series, Uniti and Classic Series, and 500 Series Naim electronics.

With standard and medium length uprights, a single Fram or FramLite module can incorporate up to six shelving levels. With tall length uprights, a single Fram or FramLite module can incorporate a maximum of two levels. Different length shelving level uprights may be combined in single Fram or FramLite modules. Floor protection chips are available for those situations where floor spikes are unsuitable, and for the Fram, an optional safety kit can provide enhanced glass shelf security and complete peace of mind.

Fram and FramLite shelving panels are available in ash, cherry and black ash real wood veneers. The panels are manufactured in the same facility as the Ovator loudspeaker enclosures, so on matching veneers, consistency of figuring and tone is assured.

### Upgrade Path

The Fram and FramLite range is unique in offering a modular system that can expand to accommodate new components as a hi-fi system grows. The common components of Fram and FramLite mean that a FramLite system can be easily and gradually upgraded to Fram status on a level-by-level basis and that levels of either type can be combined in one system. A system consisting predominantly of FramLite could then incorporate reference-level Fram shelving levels for critical source components.

