

# CABLES

SIGNAL CABLES

**DYNAFLUX™ — GIGAFLUX™ — [ALLINO™ RCA — CONTA+™]**



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# CABLES – CONNECTORS

## CABLES

Cables and connectors can make or break a whole system. As audio is modulated electricity, the importance of cables is not only on the signal transporting side but just as well on the power line side, starting from a wall socket.

As every piece of wire acts as an antenna, the first concern for every type of cable must be that it does not pick up parasitical signals. It will do that automatically unless it is properly protected, whether it is radio frequency signals off the air (WiFi, mobile phone, TV and radio broadcasts, etc.), through interaction with neighbouring cables, or proximity to electrostatic fields (transformers, etc.).

Ensemble has therefore developed sophisticated, audio-friendly shielding techniques that provide superlative protection and distinguish the Ensemble CABLES right away from other cables. With such an excellent electrical foundation, electronic circuits can work without being stressed by disturbances, and signals can be transmitted in an envelope of deep silence, only to let the myriad of smallest inflexions in the music and atmospheric cues come through undisturbed. The result is live-like music-making, which has been said to be so typical of an Ensemble performance.

Shielding alone does not make a cable. It is the use of materials, the topology of the conductors, provision for mechanical damping as well as stable, long-term electrical performance that must all come together.

## CONNECTORS

As equipment-connecting cables usually come terminated with a certain type of connector, the importance of the connector interface is to a large extent underrated, as direct comparisons between connectors are rarely carried out under such circumstances.

As Ensemble's approach is to consider every element to be a contributing factor to the total result, a logical consequence has been to develop a range of CONNECTORS that match the outstanding quality of the cables and therefore meet the following criteria in the best possible way:

- conductivity
- mechanical contact behavior
- electrical contact behavior
- ability to secure the cable to the connector
- avoidance of thumps/disruptive signals when connecting or disconnecting signal cables

More on the Ensemble CONNECTORS in a separate brochure.

With Ensemble CABLES and CONNECTORS each element in a music system can perform at its best. Glare, haze and artificiality have no room, as the music takes on a transparent, balanced, and coherent quality with precise timing and extended dynamics. Changing over to Ensemble CABLES turns out to be a musical revelation.

The use of Ensemble **CONTA+**<sup>TM</sup> contact enhancer is the last step to a perfect connection.



# THE ENSEMBLE CABLES

## SILINX EXTREMA™

## SPEAKER CABLE – POWER CABLE

An extreme all-out design with six conductors of 1.5 mm<sup>2</sup> cross-section, laid out in helical opposition, and each with its individual film shield. Three additional global shields make the cable into a fortress against electro-parasitical incursions, giving it that great inner, deep down silence ('blackness') that is the envelope for the rich musical sensation the SILINX EXTREMA imparts. The effect is like in a concert when a captivated audience is held in absolute silence and one could hear a needle drop. The atmosphere becomes tangible, the emotional expression direct and immediate, as the smallest change in 'energy' comes across – as if it were live. As the SILINX EXTREMA is also strong in negotiating rapid changes of powerful currents, its dynamic capabilities are equally impressive. Together with its extremely low noise floor it spans not only a fascinating dynamic scale but handles climaxes with ease. Almost needless to say that a precise, tight bass also belongs to its characteristics. Best illustration of all, using a SILINX EXTREMA power cable for a high definition video screen shows a dramatic improvement in the picture quality.

Both electrically and mechanically the SILINX EXTREMA has everything one can expect from a master performer: very low impedance (0.003 ohm/m: 3 conductors together = speaker cable configuration), very low capacitance (<60 pF), low inductance, excellent transfer impedance characteristics, very low dielectric absorption, very fast rise time, micro-vibration damping and a hard-wearing, durable sleeve. Rounding off all these qualities are a halogenide-free, environment-friendly insulation and sheath.

## DYNAFLUX FSF™

## ANALOG INTERCONNECT

A sophisticated all-out design, the DYNAFLUX FSF fascinates by its power to illuminate music from within. Against an ultra-quiet background music begins to shine, very subtle rhythmic inflexions or harmonic textures come to light one has never noticed before. Dynamic peaks and on-the-edge transients are negotiated without congestion, and within these extremes the integration of what makes the complex weave of music, including tonal and timbral correctness, or coherent pace and rhythm, happens with convincing naturalness.

Technically, the DYNAFLUX FSF intertwines six conductors of 0.25 mm<sup>2</sup> cross-section, each with an individual film shield, which adds superlative internal rejection of crosstalk and interference to the already high degree of electromagnetic protection offered globally by two external shields.

The DYNAFLUX FSF has low capacitance, low inductance and impedance, and thanks to its symmetrical layout is ideally suited for both balanced (XLR) and single-ended (**ALLINO™**RCA) termination. Very low dielectric absorption, practically airtight and non-hygroscopic insulation, micro-vibration damping, and a hard-wearing yet flexible outer sheath are integral parts of this high-tech product made of environment-friendly materials.

## GIGAFLUX™

## DIGITAL INTERCONNECT

In digital playback the effect of a top-performing data transmission cable can be stunning, as shown by the GIGAFLUX cable. This 75 ohm coaxial cable can unlock the full potential digital technology can offer today in terms of resolution and musicality. Quadruple-shielded and therefore ultra-low noise, the GIGAFLUX is capable of throwing a fresh, bold light on music, surprising with fine, precise timbres and rich harmonics, matched by detailed spatial and ambient information.

Within its triaxial envelope the GIGAFLUX has a very low transfer impedance and embodies a structure that prevents minute vibrations from producing parasitical mini-spikes. The GIGAFLUX terminates in either Ensemble SYNERGIA BNCs or **ALLINO™**RCAs, matching the impeccable qualities of this cable.



# CABLES

## SPEAKER AND POWER CABLE

### SILINX EXTREMA™



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