



Innovation, Integration, Intensity

INNOVATION - Our research and engineering faculty can today offer innovative projects with finite control of each detail, from the loudspeaker voice coil wire to the highly efficient extended dynamic amplifier topology. There are many different ingredients that go into creating quality products and systems. These include computer aided simulation software to assist the understanding of transducer behaviour and amplifier operation and the relationship of dynamics and transient response. RCF utilises over thirty state of the art software packages to identify magnetic circuits, voice coil dynamics, suspension linearity, horn dispersion simulation, crossover filters, amplifier thermal behaviour etc.

INTEGRATION - RCF is one of only a few loudspeaker manufacturers worldwide who have the ability to completely design and manufactures transducers, speaker systems and amplification and control electronics. Our 50 plus years heritage in audio combined with our state of the art research and development and manufacturing processes allows us to seamlessly integrate all the ingredients to design and build TT+.

Waves

New horn designs for the entire line. Precision waveguides for the line array midrange and compression drivers. Solid aluminium structures for compact two way systems.

Structures

Baltic Birch plywood cabinets. High quality steel mechanical fittings. Aluminium die cast handles. Powder coated grilles. Heavy duty epoxy paint finishes on cabinet structures.

RCF Precision Transducers

For over five decades RCF professional woofers have represented the ultimate performance, the highest power handling and the most advanced technology. Thanks to high energy magnetic designs, complex cooling systems and specifically developed new technologies, our neodymium transducers put themselves at the same, unsurpassed level.

Technology and craftsmanship: at RCF each professional compression driver is precision built using the most advanced moulding and assembly technologies and our experienced dedication and attention.



INTENSITY - The design philosophy for the new TT+ series is based upon offering the sound engineer solutions and tools that are ready to use. Key factors are the ability to sustain very high power with highly efficient sound pressure levels. Intense sound levels are created with extremely high definition and extended dynamic range. Modern construction materials result in mechanical weight ratios that are light for practical flying and portability.

Power

Powerful switching power supplies. Low distortion and natural class D amplifiers. Huge energy reserves in capacitor buses.



Control

Unique audio quality from an RCF exclusive premium analogue input board. Maximum flexibility and control from a newly designed 96Khz, 32 bit floating point DSP.



Integrity

Advanced designs. High quality materials. Precise manufacturing. Careful assembly. Extensive quality control procedures. RCF's solid audio heritage.