

The cinema market is on the brink of a new era; the digitalisation of media has now also entered the cinema experience. The long-awaited Digital Cinema "non-compressed" audio standard brings new opportunities, but in order to meet the intentions of the standard, new thinking is required. RealSound Audio's R&D has taken up the challenge implementing her know-how to design new cinema sound solutions from ground-up to enhance the Digital Cinema experience.

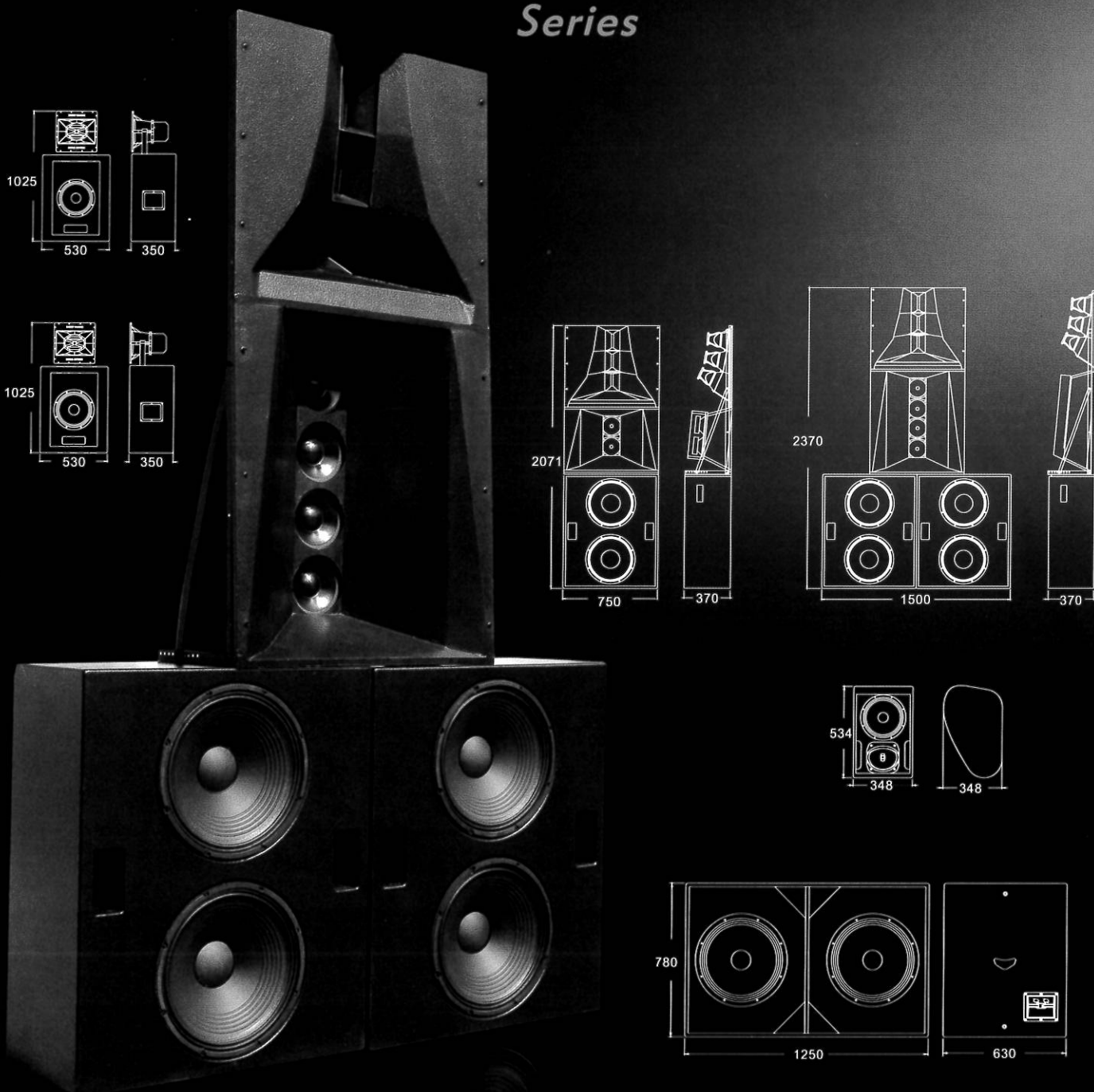
RealSound pro-ribbon transducer technology enables a non-compressed 1:1 reproduction of the movie soundtrack, from the most delicate vocals to even the largest explosions. The unusual high peak power handling cater for a 1:15 dynamic range.

But the evolutionary designs go beyond HiFi sound quality with digital dynamics; Amplifier/speaker synergy (enabling low-impedance speakers with effect of long speaker cables actively compensated), coverage control (less variation in front-to-rear SPL + wider stereo coverage), space economy (designs as slim as 7inch/17cm!) and performance reliability (no blown-up speakers) are other important design parameters that are taken into account.

By implementing her recognized line-source technology into cinema sound system design (an industries' first), RealSound enhances the cinema experience even further. The acoustical coupling from this array technology reduces the typical SPL drop-off from front to rear (up to 12dB in medium-sized rooms) significantly; the resulting "proximity" effect dramatically enhances the cinema experience for the audience further away.

All these evolutionary designs make RealSound cinema systems "Digital Cinema ready"; Or in other words: "See more of the movie with an RealSound sound system!"

CU Series





CU-1+

3-way full rang system, The "ultra-compact" pro-ribbon screen system, designed for AV / screening-rooms and cinemas up to 60 seats. Can be mounted virtually anywhere, delivering very dynamic performance from a very efficient (passive) system design.

System Power Rating	350w(LF)+180w(HF+MF)
Frequency Range(3dB)	45Hz-20KHz
Impedance	4ohm
Sound Pressure Level(1)	101dB/126dB SPL
Coverage(HxV)	65° x 40°
Transducers	15inch(65mm)voice coil LF drivers 6.5inch(38mm)voice coil MF driver 2inch(44mm)voice coil HF driver
Weight(Kg)	40
Connectors	2 x Neutrik NL4 Speakon



CU-2+

3-way full rang system, The "ultra-compact" pro-ribbon screen system, designed for AV / screening-rooms and cinemas up to 100 seats. Can be mounted virtually anywhere, delivering very dynamic performance from a very efficient (passive) system design.

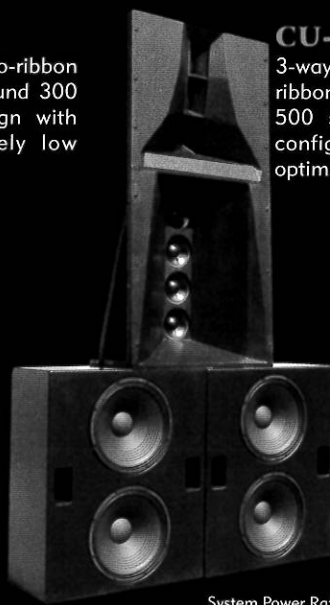
System Power Rating	450w(LF)+180w(HF+MF)
Frequency Range(3dB)	45Hz-20KHz
Impedance	4ohm
Sound Pressure Level(1)	101dB/126dB SPL
Coverage(HxV)	65° x 40°
Transducers	15inch(75mm)voice coil LF drivers 6.5inch(38mm)voice coil MF driver 2inch(44mm)voice coil HF driver
Weight(Kg)	45
Connectors	2 x Neutrik NL4 Speakon



CU-3+

3-way full rang system, The "mid-sized" pro-ribbon screen system, designed for cinemas around 300 seats (indicative). Shallow system design with excellent projection control. Extremely low distortion, superb Digital dynamic output.

System Power Rating	800w(LF)+300w(MF)+240W(HF)
Frequency Range(3dB)	45Hz-20KHz
Impedance	4ohm
Sound Pressure Level(1)	99dB/138dB SPL
Coverage(HxV)	90° x 65°
Transducers	2X15inch(75mm)voice coil LF drivers 2X6.5inch(38mm)voice coil MF driver 3X2inch(44mm)voice coil HF driver
Weight(Kg)	100
Connectors	2 x Neutrik NL4 Speakon



CU-4+

3-way full rang system, The "very large format" pro-ribbon screen system, designed for cinemas above 500 seats. Based on CU-4+ system. Tri-amp configuration with extended LF response and optimal acoustical coupling efficiency.

System Power Rating	1600w(LF)+600w(MF)+270W(HF)
Frequency Range(3dB)	45Hz-20KHz
Impedance	4ohm
Sound Pressure Level(1)	100dB/139dB SPL
Coverage(HxV)	90° x 65°
Transducers	4X15inch(75mm)voice coil LF drivers 4X6.5inch(38mm)voice coil MF driver 3X2inch(44mm)voice coil HF driver
Weight(Kg)	130
Connectors	2 x Neutrik NL4 Speakon

CU-5+

high-output subwoofer system



System Power Rating	1300w
Frequency Range(3dB)	22Hz-200Hz
Impedance	4ohm
Sound Pressure Level(1)	100dB/128dB SPL
Transducers	2X18inch(100mm)voice coil LF drivers
Weight(Kg)	92
Connectors	2 x Neutrik NL4 Speakon



CU-6+

Medium-format reference surround of the loudspeaker complement.

System Power Rating	300w
Frequency Range(3dB)	45Hz-20KHz
Impedance	4ohm
Sound Pressure Level(1)	101dB/126dB SPL
Coverage(HxV)	90° x 80° to 60°
Transducers	10inch(65mm)voice coil LF drivers 2inch(44mm)voice coil HF driver
Weight(Kg)	20
Connectors	2 x Neutrik NL4 Speakon