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FOUNTEK.com.au

SIGNATURE SERIES LOUDSPEAKER KITS

USING THE FOUNTEK JP3.0 RIBBON TWEETERS

Designed by Russell Storey of Stone Sound Studio

These new kit speakers use the very-high-performance audiophile grade Fountek JP3.0 Ribbon Tweeters with the latest in Peerless Mid-woofers. Due to the impressively high efficiency accomplished in this design, they will be a very good match to our Fountek SS-3500 Valve Amplifier. After the success of our Peerless HDS Series of audiophile monitor kits, Customers have been requesting them adapted to suit the our new range of ribbon tweeters for unsurpassed fidelity & transient response up to 40KHz Kits are now supplied with assembled crossovers, so no-soldering required! In development for over 12 months now, we are proud to present our new range of Signature Series Loudspeaker kits from Stones Sound Studio. See the Stones website for more development details on this project:

www.stonessoundstudio.com.au



FEATURES

High quality Australian made enclosures supplied fully assembled
 Pre-drilled screw holes. Port installed, internal edges chamfered
 Made from 18mm MDF with double thickness 36mm for the front panel
 Internally braced for excellent rigidity reducing cabinet resonance
 Available in bare MDF for painting, etc. Or in Black Vinyl veneer
 Kit also includes attractive front cloth-grill on frames assembled
 LMS developed crossover is assembled with premium grade components
 Linkwitz & Riley with Bessel-Butterworth response for linear phase
 Air-core copper inductors and non-inductive resistors are used
 SCR 400V metalised polypropylene capacitors manufactured in France
 4mm Gold-plated binding posts can be wired singular or Bi-wired
 Low capacitance OFC Cable with no-soldering speaker connectors
 Professional development time as produced a solution that offers
 Very low distortion, linear sound and very accurate phase response



SPECIFICATION KIT260

- Frequency Range 44Hz-40kHz (On Axis)
- Efficiency (Averaged). 92.5dB SPL (1M/2.83Vrms)
- Nominal Impedance. 4 Ohms
- Recommended power 5 to 120W Unclipped program material
- Harmonic Distortion THD 0.3% @ 1 Watt (2.83Vrms) 1kHz
- Relative Phase Coherence ±30° 400Hz to 10kHz
- Crossover Network No Soldering required. Fully finished. Ready to go.
- Internal Wiring High Quality OFC 384 Strand Low-Capacitance
- Quick-Instal Push-On connections
- Speaker terminals 4mm Dual gold plated binding posts (x4)
- For single or Bi-Wire/amplifier connections
- Crossover Filter 2-Way Off-Set Bessel/Butterworth Linear-Phase
- Crossover Frequency. 3.8kHz
- Crossover Low Pass 2nd Order 12dB/Octave Low Pass
- Crossover High Pass 3rd Order 18dB/Octave High Pass
- Mid-Bass Peerless 832873 Woofer 5" Nomex Cone
- Cast Alloy Frame with inverted dust cap
- Tweeter Fountek JP3.0 Ribbon
- Dimensions 555x180x365mm
- Weight 15Kg each.

KIT260 STEREO PAIR 5" KIT

D'Appolito MTM design offers a very high 92.5dB efficiency with pin-point imaging for a beautifully accurate sound stage
 Complete Kits supplied in pairs for the stereo front channel
 Includes cabinets, drivers, all hardware & assembled crossovers
 KIT260MDF Plain MDF per pair
 KIT260BV Black Vinyl Veneer per pair

AVAILABLE WITHOUT CABINETS

Includes drivers & Assembled crossovers
 SPK260 No Box per pair

KIT260C SINGLE CENTRE CHANNEL KIT

Designed for use as a Home Theater Centre Channel Single Unit
 To match acoustically & asthetically with the KIT260 Speakers
 KIT260CMDF Plain MDF
 KIT260CBV Black Vinyl Veneer

AVAILABLE WITHOUT CABINETS

Includes drivers & Assembled crossovers
 SPK260C No Box





AS FEATURED IN SILICON CHIP

DECEMBER 2007 ISSUE

These new speakers are among the very best kit speakers that money can buy. Two separate stereo pairs of loudspeakers are presented, KIT260 & KIT360. In addition, a centre channel variant of the KIT260, the 260C was designed to complement the KIT260 and KIT360 for high-end Home Theatre A/V systems or for a high performance stereo system. Alternatively, you may decide on a mix of the HD260 (front) and HD360 (rear) together with the HD260C for the centrefront channel. Whichever approach you take, you can be sure that you will be getting a sensational speaker system. Make no mistake, these ribbon units are the finest tweeters we ever heard. They are so clean in their definition and the pin-point localisation of instruments in a stereo spread has to be heard to be believed. On top of that, these speakers have very low distortion - measured at around 0.3% THD at 1kHz and 1 watt. *Leo Simpson. Silicon Chip. December 2007*
www.siliconchip.com.au



FOUNTEK RIBBON TRANSDUCERS

Fundamental physics support the ribbon as a perfect type of transducer. A thin light metal ribbon is suspended in a powerful magnetic field. The signal current passes through the ribbon in the magnetic field. The ribbon itself projects the sound faithfully and instantaneously. The ribbon serves both as voice coil and diaphragm. Every part of the ribbon is driven directly and simultaneously without any energy storage. No sound coloring at all in its usable frequency range up to 100KHz. Output voice therefore always perfectly replicates the input signal. Maximum speed of response. Start and stop is instantaneous. Maintains the leading edge of musical sounds and their harmonics. Extremely low inter-modulation and harmonic distortion due to low mass. Capable of the highest efficiency known in direct radiator transducers. Flat impedance in usable frequency range for easy to design X-over CCTs.

www.fountek.com.au



SPECIFICATION KIT360

Frequency Range 43Hz-40kHz (On Axis)
 Efficiency (Averaged) 87.5dB SPL (1M/2.83Vrms)
 Nominal Impedance 8 Ohms (6.1 ohms Rdc)
 Recommended power 5 to 120W Unclipped program material
 Harmonic Distortion THD 0.3% @ 1 Watt (2.83Vrms) 1kHz
 Relative Phase Coherence ±30° 400Hz to 10kHz
 Crossover Network No Soldering required. Fully finished. Ready to go.
 Internal Wiring High Quality OFC 384 Strand Low-Capacitance
 Quick-Instal Push-On connections
 Speaker terminals 4mm Dual gold plated binding posts (x4)
 For single or Bi-Wire/amplifier connections
 Crossover Filter 2-Way Off-Set Bessel/Butterworth Linear-Phase
 Crossover Frequency 3.2kHz
 Crossover Low Pass 2nd Order 12dB/Octave Low Pass
 Crossover High Pass 3rd Order 18dB/Octave High Pass
 Mid-Bass Peerless 830883 Woofer 6.5" Nomex Cone
 Cast Alloy Frame with Center Phase Plug
 Tweeter Fountek JP3.0 Ribbon
 Dimensions 445x205x345mm
 Weight 12Kg each.



KIT360 STEREO PAIR 6.5" KIT

Traditional design 2-Way utilising the superb JP3.0 bandwidth matched with Peerless "Exclusive Range" of audiophile drivers. Complete Kits supplied in pairs for premium HiFi Stereo systems. Includes cabinets, drivers, all hardware & assembled crossovers.

KIT360MDF Plain MDF per pair
 KIT360BV Black Vinyl Veneer per pair

AVAILABLE WITHOUT CABINETS

Includes drivers & Assembled crossovers
 SPK360 No Box per pair

