



FOUNTEK

Fountek Electronics develops and manufactures high quality transducers and audio products for the world market. Renown distributors of premium audio components hold Fountek in high regard as a specialist audio manufacturer. Welcome to a rebirth of traditional audio.

EXCLUSIVE AUSTRALIAN DISTRIBUTOR

WES has secured an exclusive distributorship with Fountek Electronics to bring you an impressive selection of transducers and electronics aimed at the audiophile purest wanting the best sound quality components for their passion in audio.



www.fountek.com.au

NEW VALVE INTEGRATED AMPLIFIER

32 WATT PRE/POWER AMPLIFIER

Fountek Electronics introduce their new vacuum-tube Integrated amplifier to the world-wide market. The Altitude 3500. A stereo integrated amplifier with 32 Watt RMS of beautiful audiophile sonics.

IMPROVED SS VERSION by Stones Sound Studio

Exclusively enhanced & redeveloped for WES by Russell Storey of Stones Sound Studio.

The A3500-SS is a blend of quality components and modern design techniques to give you high definition and wide bandwidth from valve audio technology. This unit achieves modern specifications for faithfully reproducing todays demanding audio.

Experience a new dimension in sound.

A3500-SS

FEATURES

- New improved SS version with advanced specifications
- Exclusively engineered for the Australian market
- A blend of quality components and modern design
- Beautifully finished in 7mm brushed aluminium
- Four stereo RCA standard analogue audio inputs
- Gold plated connectors and selector relays
- Extended bandwidth of 10Hz to 90KHz (-3dB)
- Carefully chosen design layout and wiring location
- Direct input coupling improves transient response
- Specialised Wide-Bandwidth audio output transformers
- Class A/B Pentode Output using EL34 Valves
- All Valves are Genuine Electro-Harmonix Matched pairs.
- Each output valve is specifically factory bias adjusted.
- Stainless steel heat shields improve over-all efficiency
- High quality capacitors used in audio path & power supply.

Beautiful in looks, design and sound, the A3500-SS brings the superbe emotional listening of high-end audio to affordability.

Code A3500-SS



ALTITUDE 3500 - SS





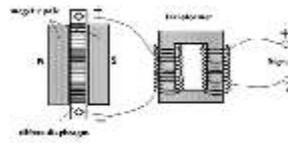
FOUNTEK RIBBON TRANSDUCERS

What is a ribbon transducer?

The ribbon transducer is actually quite old as a concept. It was developed by European Acoustic Laboratories in 1928. 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 current and magnetic field. The electromagnetic circuit has complete control over ribbon motion. 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.

The ribbon transducer improves the performance of your loudspeaker

No sound coloring at all in its usable frequency range.
Output voice 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.
High rate of Young's modulus (low loss due to mechanical stress/strain).
Extremely wide, flat frequency response (1KHz through to 100KHz.)
Flat impedance in usable frequency range for easy to design X-over CCTs.

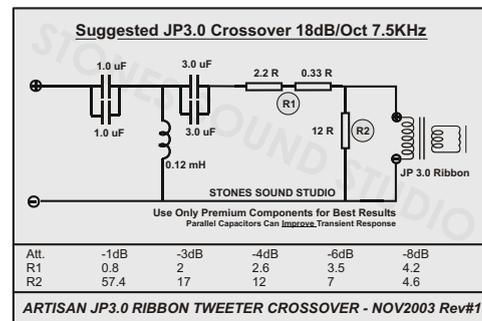


Summary

The ribbon loudspeakers are superior to other transducers because all design factors are satisfied correctly for optimised & effective work. Other high range extenders do not blend easily when added to loudspeaker systems because they add their own distortion by transient smearing, delayed energy and non-linear response. The quality of materials used in ribbon speakers has the ability to "clean up" and "open up" not only the extreme highs, but also the middle tones without adding any distortion. The addition of a pair of ribbon tweeters to any quality speaker system is the most cost effective way to improve the performance of an audiophile loudspeaker system to meet the demands of today's highly accurate media.

www.fountek.net

Specialist ribbon manufacturer with the best performance to cost factor. Generally considered as excellent in quality as any of the competition.



FOUNTEK NeoPro5i RIBBON TWEETERS - SOLD IN PAIRS

115x190mm OVER-SIZED HIGH-POWER PROFESSIONAL RIBBON TWEETER PAIR

This True Pure Ribbon is premium grade and has superior high-performance that will suit Low-Power Class-A Valve to High-Power professional systems. An incredibly efficient transducer that is capable of very high SPL yet faithfully maintain a sound quality that surpasses any other kind of high frequency transducer. The large diaphragm also enables a lower resonant frequency of only 400Hz enabling better crossover characteristics and an impressively broad frequency range that will match to many types of speaker arrays, easily and efficiently, with audiophile sound quality. Super strong Neodymium magnet for high efficiency. Built-in impedance conversion transformer. Effective from 850Hz upwards due to the large diaphragm area and low self-resonance. Super thin Enforced-Sandwich Ribbon diaphragm guarantees a high degree of signal fidelity and broad frequency response. Low distortion factor, 60W Nominal power-handling capabilities, linear impedance with linear amplitude and broad frequency response. Very high flux, NOT shielded, so NOT suitable for near TV applications.

Manufacturers Recommended Crossover Frequency is 1.5KHz 2nd-order or above

NeoPro5i Specifications

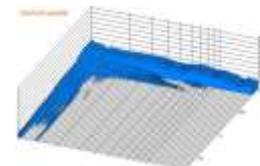
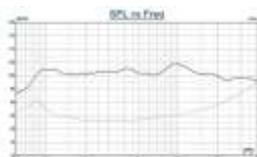
Ribbon material Enforced sandwich
Ribbon mass 88mg
Ribbon dimension 15mmX145mmX0.02mm
Ribbon area 2175square millimeters
Gap flux 1 Tesla
Gap height 5mm
Impedance 70hm
DC 0.02 ohm [BEWARE!]
Sensitivity 102dB/2.83V@1M
Frequency response 8,50~40,000Hz
Resonance frequency 400Hz
Power handling 60W Normal, 120W Max



SOLD IN PAIRS

**120Wmax
60Wrms
102dB**

**190x115mm O/D
170x85mm I/D**



SOLD IN PAIRS
Code NEOPRO5i
Sold In Pairs.



FOUNTEK JP3.0 RIBBON TWEETERS - SOLD IN PAIRS

110mm ROUND DELUXE AUDIOPHILE MATCHED PAIRS

Extremely thin Pure Aluminum 0.009mm Ribbon Diaphragm.
 Super strong Neodymium magnet for high efficiency.
 Built-in Linear Impedance conversion transformer.
 Incredibly flat impedance for easy crossover design.
 Effective from 1,700 Hz upwards due to the large diaphragm area and low self-resonance.
 High degree of signal fidelity and broad frequency response.
 Only 11mg mass for instantaneous signal response and micro-detail.
 Low distortion factor, good power-handling capabilities,
 highly linear impedance and amplitude frequency response and broad frequency response range. Flat impedance curve from 1KHz to 40KHz.
 This deluxe speaker range is individually factory tested and assessed then they are paired for specific efficiency and response matching.
 Ridged High-pressure injection molded 5mm thick faceplate.
 Very competitively priced for this level of refined technology.
 Upgrade to the ultra high frequency response of todays audio equipment!
 Recommended crossover frequency 2,500Hz with -18dB

**EXCLUSIVE!
 SUPER LOW
 PRICE PAIR!**

**SOLD
 IN
 PAIRS**



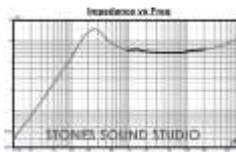
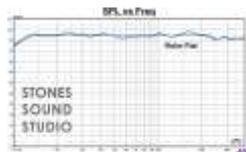
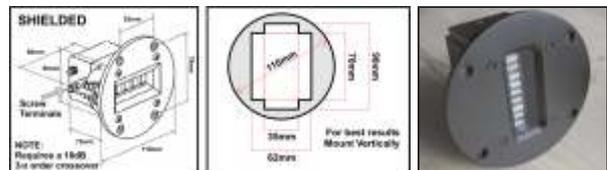
Shielded

110mm
 Diam.

JP3.0 Specifications

Ribbon material Aluminum
 Ribbon mass 11mg
 Ribbon dimension 8mmx66mmx0.009mm
 Ribbon area 528 square millimeters
 Gap flux 0.6 Tesla
 Gap height 3mm
 Impedance 7Ohm
 DC 0.02 ohm [BEWARE!]
 Sensitivity 95dB/M/W
 Frequency response 1,700~40,000Hz
 Resonance frequency 220Hz
 Power handling 14W Normal, 40W Max

PURE RIBBON 9 MICROMETER



**PURE
 AUDIOPHILE
 HI FI**

SOLD IN MATCHED PAIRS

Code JP30
 Sold In Pairs.

**IMPULSE RESPONSE
 Only Half A Millisecond!**

FOUNTEK NeoCD3.0 RIBBON TWEETERS - SOLD IN PAIRS

110mm ROUND AUDIOPHILE TWEETER PAIR

NeoCD3.0 ribbon tweeter is a high-performance component which is probably the best choice for building or upgrading your HiFi loudspeaker system. Features a Super strong Neodymium magnet for very high efficiency. Build-in impedance conversion transformer with ruler flat linear response. Effective from 1.4KHz upwards due to the relatively low self-resonance. Large area and very thin, Enforced-Sandwich Ribbon Diaphragm guarantees a high degree of signal fidelity, efficiency and a broad frequency response. Low distortion factor, good power-handling capabilities, high linear impedance and linear amplitude frequency response to the infrasonic. Broad frequency response range and FLAT impedance from 1KHz to 40KHz. 6mm thick, metal faced, black anodised, wide dispersion 110mm face plate. Foam backed for mounting grommet. Fully shielded for TV proximity.

Manufacturers Recommended Crossover Frequency is 2.5KHz / 2nd-Order.
 Higher crossover frequency will yield better power handling.
 Stones Sound Studio Recommend above 5KHz with a 3rd-Order crossover.



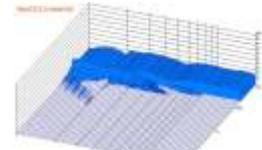
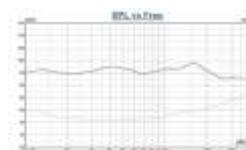
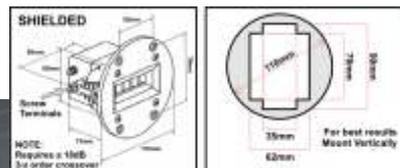
NeoCD3.0 Specifications

Ribbon material Enforced sandwich
 Ribbon mass 18mg
 Ribbon dimension 8mmX60mmX0.02mm
 Ribbon area 480square millimeters
 Gap flux 0.6 Tesla
 Gap height 3mm
 Impedance 7 Ohm
 DC 0.02 Ohm [BEWARE!]
 Sensitivity 95dB/M/W
 Frequency response 1.4KHz to 40KHz
 Resonance frequency 400Hz
 Power handling 17W Normal, 40W Max



Create Excellences
 For Audio World

TRUE AUDIOPHILE QUALITY



SOLD IN PAIRS
 Code NEOCD30
 Sold In Pairs.



HIGH-END AUDIOPHILE VALVE INTEGRATED AMPLIFIER

FOUNTEK ALTITUDE 3500

The Altitude 3500 is an Integrated Valve Amplifier featuring a blend of quality components and modern design techniques applied to valve technology to achieve high definition and wide bandwidth with low noise and low distortion for faithfully amplifying analogue sound from today's demanding digital & analogue mediums.

*The A3500-SS is an exclusive and advanced version specifically improved for the local Australian market by Stones Sound Studios on behalf of WES Australasia.

NOTES

The circuit design and layout has been chosen carefully by expert audio engineers with many years of development and refinement experience in audio excellence. This achieves the highest quality of musical reproduction with maximum dynamic range and minimum distortion for accurate and emotional delivery of the sound stage.

Direct coupling techniques have been used on the Electro-Harmonix Double-Triode input stages to improve signal transient response.

Extra wide bandwidth audio output transformers couple the Electro-Harmonix EL34 Class A/B pentode output valves to the speakers.

OUTPUT VALVES ARE ALL BIAS MATCHED

Each EL34 valve has been tested, matched in pairs, then custom installed into the A3500-SS. Internal bias adjustments have been factory made specifically to suit. The A3500-SS valves are then removed and individually packaged for transportation. Therefore each EL34 Valve is labeled with the appropriate socket number to aid installation.

Hand selected high quality electrolytic and non-electrolytic capacitors are used in both the power supply and in critical signal areas to improve the midrange definition and top end transients with the added benefit of long-term reliability and tolerances.

Extra attention to internal wiring positioning, use of OFC cabling, gold-plated relay selectors, among other details, all combine to enrich the listening experience.

The A3500-SS is beautifully finished in 7mm thick premium quality brushed aluminium.



The stainless steel panels between the mains power transformer and output valves reduce the transformers' running temperature and shield the output valves improving over all amplifier efficiency and sound quality.

Gold plating is used where possible for long-term reliable connections. This includes all valve sockets, audio connections and audio switch contacts. We recommend the use of high quality interconnects and speaker cables to enable the A3500-SS to reproduce uncompromised sound quality from your audio equipment and speakers.

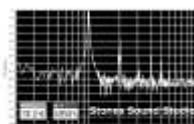
The excellent blend of components and circuit design topologies used in this amplifier offer long-term reliability and also enable very tight fast clean low bass performance normally not found in valve amplifiers with a warmth rarely achieved by solid state.

Enjoy a new dimension in sound.



SPECIFICATIONS

CHANNELS:	2 channel
INPUTS (x4):	CD / TUNER / AUX1 / AUX2 (1,2,3,4)
INPUT IMPEDANCE:	100K Ohms
INPUT SENSITIVITY:	375mV rms @ 1Khz
INPUT CLASS:	Direct coupled class "A"
OUTPUT CLASS:	A/B (Push-Pull)
OUTPUT TAP 8ohm	32 Wrms @ 1 KHz 8ohm <1% THD
Measured per channel	32.50Wrms 0.63% THD
OUTPUT TAP 4ohm	32 Wrms @ 1 KHz 4ohm <1% THD
Measured per channel	31.13Wrms 0.63% THD
OUTPUT:	4 or 8 ohm speaker load [0-4-8 ohms]
FREQUENCY RESPONSE:	15Hz- 50KHz 0.5dB
BANDWIDTH:	<10 Hz to >90 kHz -3dB
SLEW RATE:	1.36V/s (1KHz Sq. wave)
DYNAMIC RANGE:	82dB/A ("A" Weighted)
NOISE:	-76.2dB (Unweighted) at full power
POWER SUPPLY:	Solid State Diodes.
VALVES:	No Audio Solid State, all Valves.
2 x 12AT7	Twin triode direct coupled input
	Electro-Harmonix 12AT7-EH
2 x 12AU7	Twin triode phase splitter Electro-Harmonix 12AU7-EH
4 x EL34	Pentode output Electro-Harmonix EL34-EH
	EL34 Output Valves are matched pairs and bias adjusted
CHASSIS:	Silver in Colour, 7mm thick Brushed Aluminium
DIMENSIONS:	350(W)x190(H)x320mm(D) 350x75mm Face Plate
NET WEIGHT:	18Kgs



Code A3500-SS