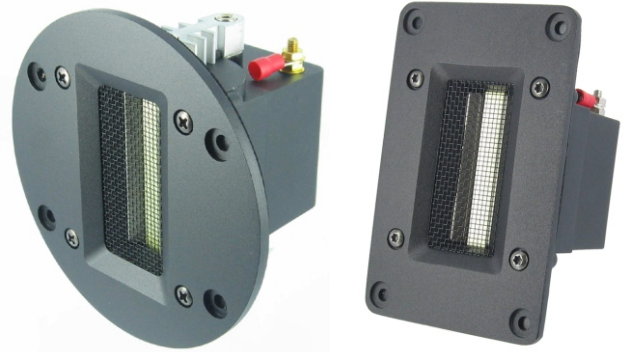
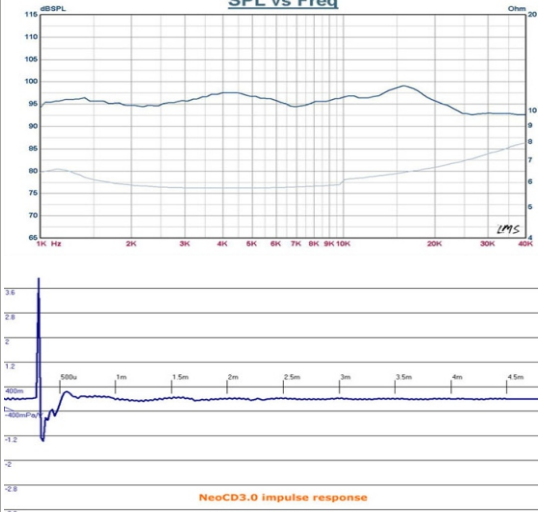


# Fountek NeoCd3.0M 3" Ribbon

Ribbon Material	Aluminum Alloy
Ribbon Mass	18 mg
Ribbon dimension	8mm x 60mm x 0.02mm
Impedance	7 ohm
Frequency Response	1,400Hz ~ 40,000Hz
Sensitivity	95dB/2.83V/m
Power Handling	17W nominal 40W max
Suggested x-over frequency	2500Hz @ 12dB
Weight	560g / 1.28lb
<b>Price Each</b>	<b>\$89.00</b>



SPL vs Freq

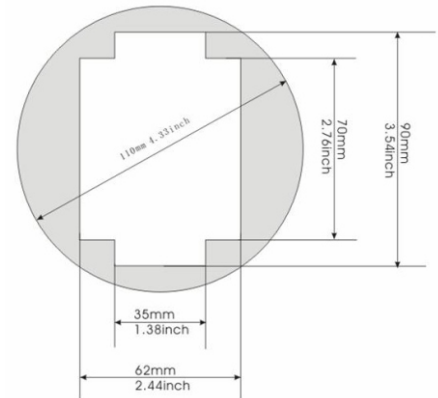


### Features:

- **Black or Silver** metal face plate
- Aluminum Alloy ribbon.
- Super strong Neodymium magnet
- Frequency range from 1400Hz to over 40kHz
- Extremely thin foil (0.02mm) for a high degree of signal fidelity and broad frequency response.
- Low distortion and high power handling
- Flat impedance response

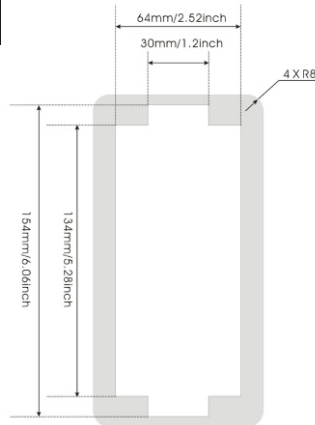
### Available in:

- **Silver or Black**
- **Round or Rectangular.**

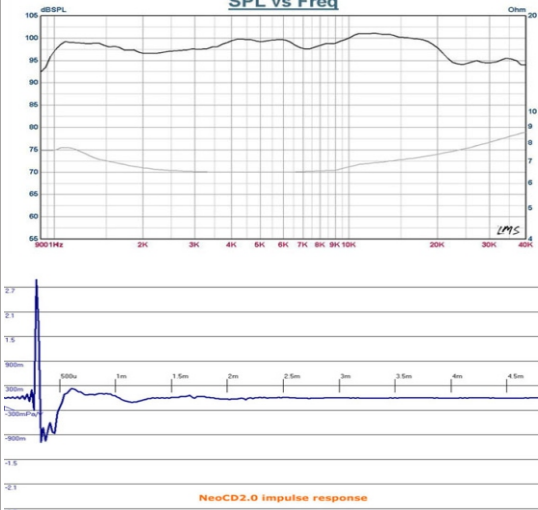


# Fountek NeoCd2.0M 5" Ribbon

Ribbon Material	Aluminum Alloy
Ribbon Mass	34 mg
Ribbon dimension	8mm x 120mm x 0.02mm
Impedance	7 ohm
Frequency Response	1,200Hz ~ 40,000Hz
Sensitivity	98dB/2.83V/m
Power Handling	20W nominal 50W max
Suggested x-over frequency	2000Hz @ 12dB
Weight	1065g / 2.35lb
<b>Price Each</b>	<b>\$126.00</b>



SPL vs Freq



### Features:

- **Black or Silver** metal face plate
- Aluminum Alloy ribbon.
- Super strong Neodymium magnet for high efficiency.
- Built-in impedance conversion transformer.
- Frequency range from 1200Hz to over 40kHz
- Extremely thin foil (0.02mm) for a high degree of signal fidelity and broad frequency response.
- Low distortion and high power handling.
- Flat impedance response

### Warning:

The ribbon tweeters should always be used with a passive crossover!

Do not test without a capacitor.

Tweeters are repairable at Madisound.

## Fountek NeoCd3.5H Horn Ribbon



- \$46.00 each
- Neodymium magnet
- 3 inch enforced sandwich diaphragm
- High power handling
- High sensitivity 95.5dB
- Low distortion
- 110 x 98mm flange
- see drawing for cut out

Znom 7 ohm  
 Dcr 0.02 ohm  
 Recommended frequency range 1100Hz to 30kHz  
 Ribbon dimensions 9 x 60 x 0.015mm  
 Effective ribbon area 360 sq mm  
 Ribbon weight 30 milligram

Sensitivity 95.5dB 2.83V/m  
 Net weight 0.52 kg

You must use ribbon tweeters with a passive crossover component or it will show a dead short to the amplifier.

## Fountek NeoPro5i Ribbon

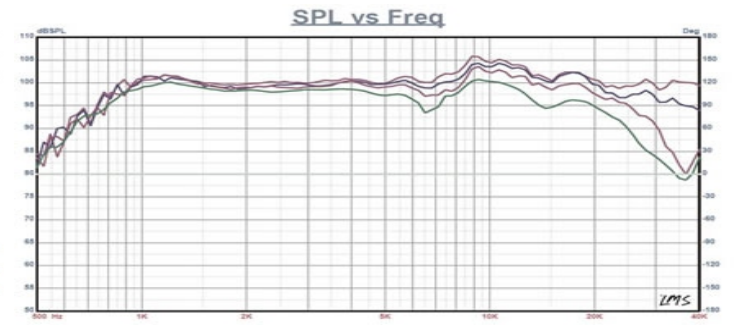
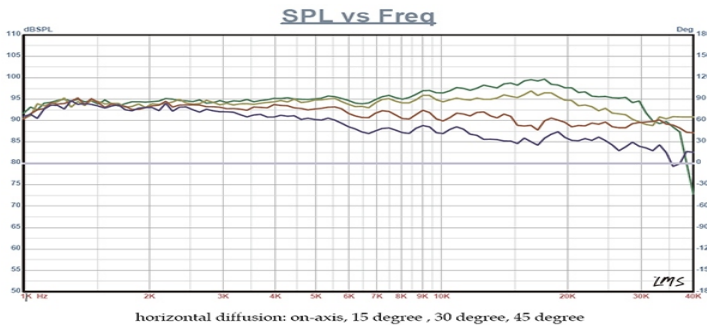


- \$305.00 each
- Neodymium magnet
- 5 inch enforced sandwich diaphragm
- High power handling
- High sensitivity 100dB
- Low distortion
- 190 x 115mm flange
- see drawing for cut out

Znom 7 ohm  
 Dcr 0.02 ohm  
 Recommended frequency range 1500Hz to 40kHz  
 Ribbon dimensions 15 x 145 x 0.015mm  
 Effective ribbon area 2175sq mm  
 Ribbon weight 88 milligram

Sensitivity 100dB 2.83V/m  
 Net weight 2.84 kg

You must use ribbon tweeters with a passive crossover component or it will show a dead short to the amplifier.



## Fountek FR88-EX 3" Full Range



- \$25.60 each
- Aluminum cone
- Neodymium magnet
- Die cast chassis
- Low distortion
- 95 to 32KHz
- 88.4mm flange
- 73mm cut out
- 38mm depth

Znom 8 ohm  
 Re 6 ohm  
 Le 0.045 mH  
 fs 95 Hz  
 Qms 1.96  
 Qes 0.62  
 Qts 0.47  
 Mms 2.36 g  
 Cms 1.196 mm/N

Sd 27.34 cm<sup>2</sup>  
 BL 3.313 N/A  
 Vas 1.27 ltrs  
 Xmax peak 3 mm  
 Voice Coil Ø 25 mm  
 Sensitivity 2.83V / 1m 84.3 dB  
 Power (Rms) 15 W  
 Magnet weight 0.35 kg

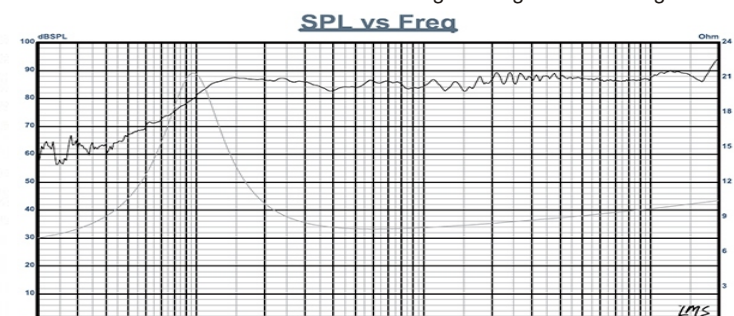
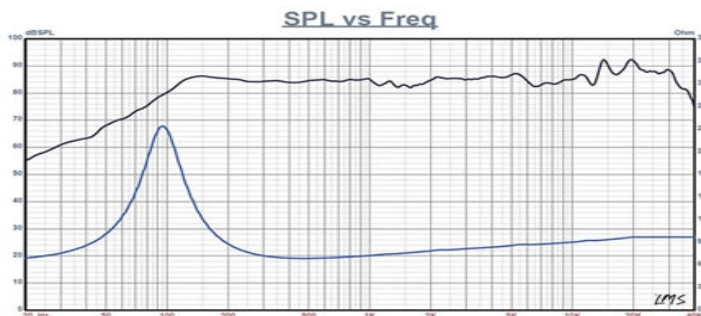
## Fountek FR89-EX-8 3" Full Range



- \$30.20 each
- Damped Aluminum cone
- Neodymium magnet
- Underhung motor design
- Die cast chassis
- 70 to 20KHz
- 88.4mm flange
- 73mm cut out
- 42.6mm depth

Znom 8 ohm  
 Re 5.7 ohm  
 Le - mH  
 fs 97 Hz  
 Qms 1.642  
 Qes 0.652  
 Qts 0.468  
 Mms 2.611 g  
 Cms 0.997 mm/N

Sd 27.34 cm<sup>2</sup>  
 BL 3.781 N/A  
 Vas 1.11 ltrs  
 Xmax peak 5 mm  
 Voice Coil Ø 25 mm  
 Sensitivity 2.83V / 1m 83.6 dB  
 Power (Rms) 25 W  
 Magnet weight 0.525 kg



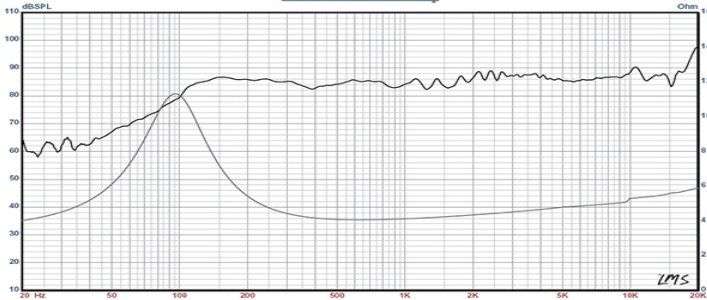
## Fountek FR89-EX-4 3" Full Range



- \$30.20 each
- Damped Aluminum cone
- Neodymium magnet
- Underhung motor design
- Die cast chassis
- 70 to 20KHz
- 88.4mm flange
- 73mm cut out
- 42.6mm depth

Znom	4	ohm	Sd	27.34	cm <sup>2</sup>
Re	3.4	ohm	BL	2.861	N/A
Le	-	mH	Vas	1.11	ltrs
fs	96	Hz	<b>Xmax peak</b>	<b>5</b>	<b>mm</b>
Qms	1.470		Voice Coil Ø	25	mm
Qes	0.653		Sensitivity		
Qts	0.452		2.83V / 1m	86.7	dB
Mms	2.587	g	Power (Rms)	25	W
Cms	1.047	mm/N	Magnet weight	0.525	kg

SPL vs Freq



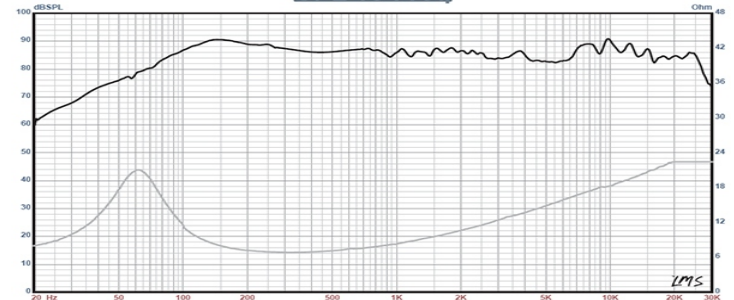
## Fountek FR135-EX 5" Full Range



- \$79.55 each
- Aluminum cone
- Neodymium magnet
- Aluminum phase plug
- Die cast chassis
- 50 to 26KHz
- 145.5 mm flange
- 115 mm cut out
- 68.8 mm depth

Znom	8	ohm	Sd	70.5	cm <sup>2</sup>
Re	6.0	ohm	BL	5.027	N/A
Le	-	mH	Vas	6.26	ltrs
fs	61.5	Hz	<b>Xmax peak</b>	<b>5</b>	<b>mm</b>
Qms	1.709		Voice Coil Ø	32	mm
Qes	0.692		Sensitivity		
Qts	0.493		2.83V / 1m	85.1	dB
Mms	7.546	g	Power (Rms)	40	W
Cms	0.887	mm/N	Magnet weight	0.98	kg

SPL vs Freq



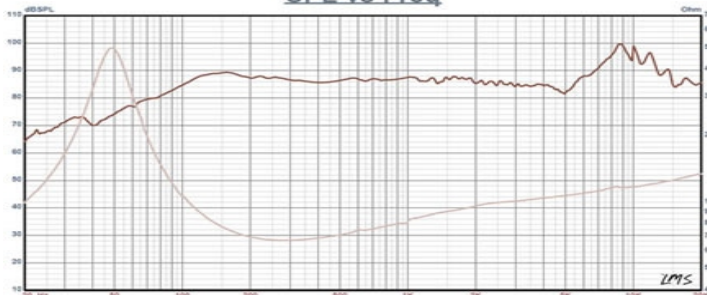
## Fountek FW146 5.5" Woofer



- \$38.60 each
- Aluminum cone
- Aluminum phase plug
- Die cast chassis
- Low distortion
- 45 to 4KHz
- 145.5mm flange
- 115mm cut out
- 68.7mm depth

Znom	8	ohm	Sd	77.6	cm <sup>2</sup>
Re	6	ohm	BL	6.07	N/A
Le	-	mH	Vas	9.8	ltrs
fs	50	Hz	<b>Xmax</b>	<b>3.6</b>	<b>mm peak</b>
Qms	3.51		Voice Coil Ø	26	mm
Qes	0.46		Sensitivity		
Qts	0.40		2.83V / 1m	86.1	dB
Mms	8.93	g	Power (Rms)	35	W
Cms	1.14	mm/N	Magnet weight	1.27	kg

SPL vs Freq



## Fountek FW168 6.5" Woofer



- \$45.15 each
- Aluminum cone
- Aluminum phase plug
- Die cast chassis
- Low distortion
- 40 to 4KHz
- 168mm flange
- 146mm cut out
- 75mm depth

Znom	8	ohm	Sd	119	cm <sup>2</sup>
Re	7.2	ohm	BL	8.2	N/A
Le	-	mH	Vas	16.5	ltrs
fs	45	Hz	<b>Xmax</b>	<b>4.6</b>	<b>mm peak</b>
Qms	3.25		Voice Coil Ø	36	mm
Qes	0.45		Sensitivity		
Qts	0.40		2.83V / 1m	87.3	dB
Mms	14.7	g	Power (Rms)	50	W
Cms	0.82	mm/N	Magnet weight	1.76	kg

SPL vs Freq

