

**Tour Grade Speaker** 

# FSW4018-8

18" Tour Grade - American Muscle Made for the road, it's the most powerful ceramic 18" subwoofer Eminence has to offer. Long linear excursion with extremely high power handling contribute to top notch performance in small to large vented enclosures.

**18"** | 3200 W 8 Ω



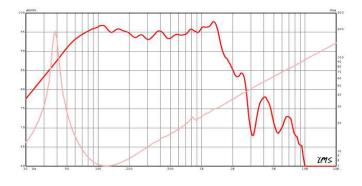
Midrange		Woofer			Sealed Box	Scoop Loading
Midbass	~	Subwoofer	Bass Guitar	~	Vented Box	Horn Loading

#### SPECIFICATION THIELE SMALL PARAMETERS\* MOUNTING INFORMATION

Nominal Basket Diameter	18.0", 45	57 mm	Fs	38 Hz	Recommended Enclosure V	olume/
Nominal Impedance*		8Ω	Re	5.30 Ω	Sealed	N/A - liters,
Power Rating**			Le	1.50 mH		N/A - cu.ft.
Watts	(AES) 16	600 W	Qms	22.89	Vented	99.11 - 339.80 liters,
Music Program	32	200 W	Qes	0.39		3.50 - 12.00 cu.ft.
Peak Power	64	400 W	Qts	0.39	Driver Volume Displaced	0.236 cu.ft.,6.67 liters
Resonance		38 Hz	Vas	5.08 cu.ft., 143.93 liters	Overall Diameter	18.13", 460.5 mm
Usable Frequency Range	28 Hz - 1.	.5 kHz	Vd	1716.0 cc	Baffle Hole Diameter	16.60", 421.6 mm
Sensitivity***	96	6.0 dB	Cms	0.07 mm/N	Front Sealing Gasket	Yes
Magnet Weight	1	.46 oz.	BL	27.97 T-M	Rear Sealing Gasket	N/A
Gap Height	0.591", 15.	.0 mm	Mms	240 grams	Mounting Holes Diameter	0.28", 7.1 mm
Voice Coil Diameter	4.0", 10	)2 mm	EBP	98	Mounting Holes B.C.D.	17.32", 439.9 mm
Winding Height	1.22", 30.9	99 mm	Xmax	14.10 mm	Depth	9.42", 239.3 mm
Mirror Image Twin Spiders			Sd	1217.0 cm2	Net Weight	31.10 lbs., 14.11 kg
Water Resistant			Xlim	28.4 mm	Shipping Weight	33.60 lbs., 15.24 kg

#### **MATERIALS OF CONSTRUCTION**

I/O Copper Voice Coil	Die-cast Aluminum Basket			
Fiberglass Former	X5 Cone Pulp			
Ferrite Magnet	Advanced Polycotton Surround			
Undercut Plate Core	Y5 Duct Can Puln			







From design and manufacturing to the stage or studio. Once you've experienced the performance of Eminence, you'll never accept anything else.

### **MISSION STATEMENT**

Eminence is dedicated to providing the best Quality, Value and Service to meet our customers' needs.

## **FOOTNOTES**

- Please consult www.eminence.com for specifications of models with alternative impedances.
- \*\* Eminence Speaker LLC Tour Grade Drivers are power tested using the AES-1984 Testing Guidelines.
- \*\*\* The average output across the usable frequency range when applying 1W/1m into the nominal impedance. i.e:  $2.83V/8\Omega$ ,  $4V/16\Omega$ . Eminence response curves are measured under the following conditions: All speakers are tested at 1W/1m using a variety of test set-ups for the appropriate impedance | LMS using 0.25" supplied microphone (software calibrated) mounted 1m from wall/baffle | 2 ft. x 2 ft. baffle is built into the wall with the speaker mounted flush against a steel ring for minimum diffraction | Carver PM-120 amplifier | 2700 cu. ft. chamber with fiberglass on all six surfaces (three with custommade wedges).
- \*\*\*\* BETA 8CX, 10CX, and 12CX are coaxial speakers with tweeter sold separately. Published usable frequency response contingent upon use of ASD:1001 HF Driver.
- \*\*\*\*\* Multiple units exceeded published ratings evaluated under EIA-426A or AES specification while mounted on Eminence's H290, H290S, or H2EA horn in a non-temperature-controlled environment.
- \*\*\*\*\*\*The average on axis output across the entire usable frequency range when applying 1W/1m into the nominal impedance, i.e.  $2.83V/8\Omega$ ,  $4V/16\Omega$ . Eminence response curves are measured under the following conditions: All speakers are tested at 1W/1m using a variety of test set-ups for the appropriate impedance | LMS using 0.25'' supplied microphone (software calibrated) mounted 1m from wall/baffle | 2ft x 2ft baffle is built into the wall with horn front mounted | Carver PM-120 amplifier | 2700 cu.ft. chamber with fiberglass on all six surfaces (three with custom-made wedges).

Prices, specifications and product cosmetics are subject to change without notice.



