The Kappa Pro 18LF provides tons of low frequency output in a lightweight, durable cast aluminum chassis. Use it as a subwoofer in small to medium sized boxes, a woofer in large three-way PA enclosures, or as a high-power bass guitar woofer. The 1,600 watt program power rating makes it an easy choice for new box designs or as a replacement for many single and double subwoofer cabinets.

- **1600 W** Program Power
- **18”** Nominal Diameter
- **8 Ω**

### APPLICATION
- Midrange
- Midbass
- Woofer
- Subwoofer
- Bass Guitar

### ENCLOSE
- Sealed Box
- Vented Box
- Scoop Loading
- Horn Loading

### SPECIFICATION
- **Nominal Basket Diameter**: 18”, 457 mm
- **Nominal Impedance***: 8 Ω
- **Power Rating***: Program Power: 1600 W, Nominal Power: 800 W
- **Resonance**: 32 Hz
- **Usable Frequency Range**: 32 Hz – 0.7 kHz
- **Sensitivity***: 98 dB
- **Magnet Weight**: 120 oz.
- **Gap Height**: 0.37”, 9.5 mm
- **Voice Coil Diameter**: 1.5”, 38 mm

### MATERIALS OF CONSTRUCTION
- Copper voice coil
- Kapton former
- Ferrite magnet
- Vented and extended core
- Die-cast aluminum basket
- Treated paper cone
- Cloth cone edge
- Treated paper dust cap

### THIELE & SMALL PARAMETERS
- **Fs**: 32 Hz
- **Re**: 5.39 Ω
- **Le**: 1.21 mH
- **Qms**: 10.66
- **Qes**: 0.34
- **Qts**: 0.33
- **Re**: 0.33

### MOUNTING INFORMATION
- **Recommended Enclosure Volume**
  - Sealed: N/A
  - Vented: 13.83 cu.ft., 391.61 liters
- **Overall Diameter**: 18”, 457.2 mm
- **Baffle Hole Diameter**: 16.58”, 421.1 mm
- **Driver Volume Displaced**: 0.234 cu.ft., 6.62 liters
- **Net Weight**: 94 lbs, 42.6 kg
- **Shipping Weight**: 24.5 lbs, 11.1 kg

### FREQUENCY RESPONSE & IMPEDANCE CURVE*

* See footnotes on page 2 for information regarding usable frequency range, nominal impedance, power rating and sensitivity.
FOOTNOTES

IMPEDANCE

Please consult www.eminence.com for specifications of models with alternative impedances.

POWER RATING

Multiple units exceed published ratings evaluated under EIA 426A specification while tested in a free-air, non-temperature-controlled environment. Multiple compression drivers 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.

SENSITIVITY

The average output across the usable frequency range when applying 1W/1m into the nominal impedance. i.e: 2.83V/8Ω, 4V/16Ω. 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 | Yamaha P3500S amplifier | 2700 cu. ft. chamber with fiberglass on all six surfaces (three with custom-made wedges). Compression drivers were tested using a 2ft x 2ft baffle built into the wall with horn front mounted.

COAXIALS

BETA 8CX, 10CX, and 12CX are coaxial speakers with tweeter sold separately. Published usable frequency response contingent upon use of ASD:1001 HF Driver.

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