



nineteen



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Archiv Michael Otto
HiFi-Classical.de

model nineteen

We've done some intense research into speaker performance limits, resulting in radical new technology in our high frequency drivers . . . the radial phase plug,* the key to the Nineteen's versatility. This sharp contrast to conventional phase plug design is the innovative force behind the wide range capability of the Model Nineteen, offering a system providing the ultimate in full range response.

If you're looking for extremely low distortion, top power capacity *plus* extended bandwidth — look no further. The Nineteen offers all of the bandwidth advantages with none of the crossover problems found in many floor-standing three-way systems.

The result: a powerful two-way system with unequaled high-end *plus* commanding low-end response.

The Nineteen also features a dual-range equalizer designed to allow smooth, gradual equalization, compensating for your variations in room acoustics or personal listening tastes.

Its overwhelming full range capability and response is aided by an optimally tuned, vented enclosure, the product of more exhaustive investigation, which makes the Nineteen ideal for home listeners who want studio-monitor performance and quality.

And, the Nineteen's beautifully styled oiled oak or walnut cabinet, hand-rubbed and finished on all sides, makes it an integral part of any listening environment.

SPECIFICATIONS:

SPEAKER COMPONENTS—

LOW FREQUENCY: 15" bass driver (416-8B)
HIGH FREQUENCY: radial phase plug* driver mounted to 811B sectoral horn.

NOMINAL IMPEDANCE: 8 ohms

CROSSOVER FREQUENCY: 1200 Hz

ENCLOSURE TYPE: Vented

SENSITIVITY: 99 dB SPL⁽¹⁾
Measured at 4 feet, 1 watt input, using pink noise which has been limited to a bandwidth of 500 Hz to 3 kHz.
102 dB SPL⁽²⁾

FREQUENCY RESPONSE: 30 Hz to 20 kHz

DISPERSION: 105° at -6 dB vertical
Measured with pink noise limited to a bandwidth of 500 Hz to 8 kHz at a distance of 4 feet.
105° at -6 dB horizontal

*Patent Pending

LONG TERM BROAD BAND MAXIMUM POWER:

65 watts⁽¹⁾

Measured with a source of pink noise limited to the frequency response bandwidth of the system, over an extended time period.

OPERATIONAL POWER RANGE:

10 watts to 350 watts

Recommended for use with amplifiers between these levels.

LONG TERM MAXIMUM ACOUSTIC OUTPUT:

117 dB SPL at 65 watts⁽¹⁾

Measured with a source of pink noise limited to the frequency response bandwidth of the system at a distance of 4 feet.

FINISH: Hand rubbed oiled walnut or oak

GRILLE: Acoustically transparent knit fabric mounted on removable frame.

DIMENSIONS: 30"W x 39"H x 21"D with base and grille

SHIPPING WEIGHT: 166 lbs. — 72.3 kg

NET WEIGHT: 143 lbs. — 64.9 kg

(1) Measured with shelving controls set at optimum.
(2) Measured with shelving controls fully clockwise.

ALTEC

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Specifications:

Speaker Components—

Low Frequency: 15" bass driver (416-8B)

High Frequency: radial phase plug* driver mounted to 811B sectoral horn.

Nominal Impedance: 8 ohms

Crossover Frequency: 1200 Hz

Enclosure Type: Vented

Sensitivity: 99 dB SPL⁽¹⁾
102 dB SPL⁽²⁾
Measured at 4 feet, 1 watt input, using pink noise which has been limited to a bandwidth of 500 Hz to 3 kHz.

Frequency Response: 30 Hz to 20 kHz

Dispersion: 105° at -6 dB vertical
105° at -6 dB horizontal
Measured with pink noise limited to a bandwidth of 500 Hz to 8 kHz at a distance of 4 feet.

Long Term Broad

Band Maximum Power: 65 watts⁽¹⁾

Measured with a source of pink noise limited to the frequency response bandwidth of the system, over an extended time period.

Amplifier Operating Range: 10 watts to 350 watts
Recommended maximum and minimum amplifier power⁽³⁾

Long Term Maximum

Acoustic Output: 117 dB SPL at 65 watts⁽¹⁾

Measured with a source of pink noise limited to the frequency response bandwidth of the system at a distance of 4 feet.

Finish: Hand-rubbed oiled walnut or oak

Grille: Acoustically transparent knit fabric mounted on removable frame.

Dimensions: 30" W x 39" H x 21" D with base and grille

Shipping Weight: 166 lbs. — 72.3 kg

Net Weight: 143 lbs. — 64.9 kg

*U.S. Patent #4,050,541; Foreign patents pending.

(1) Measured with shelving controls set at optimum.

(2) Measured with shelving controls fully clockwise.

(3) Amplifier operating range is for amplifier selection guidance only. Do not mistake it for the speaker power capacity. Refer to full-line catalog for clarification.



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