KLIPSCHORN®

3-WAY FULLY HORN-LOADED LOUDSPEAKER



WHERE IT ALL BEGAN

For over 75 years, the Klipschorn has defined high-efficiency home audio. The first Klipsch speaker ever produced, and in continuous production longer than any other, the Klipschorn is the legendary manifestation of Paul W. Klipsch's approach to sound. Designed to bring the power, detail, and emotion of live music of the concert hall into the living room, the iconic Klipschorn is experiencing a renaissance in the modern era.

OPTIONAL HERITAGE ACTIVE CROSSOVER EXTENDS PERFORMANCE

The AK7 was meticulously engineered with an optional Heritage Active Crossover in mind, which has been tuned specifically for Klipschorn speakers by master acoustician and PWK protégé Roy Delgado. Trickle-down technology from our heralded Jubilee floorstanding speakers, the Heritage Active Crossover aligns time and phase while boosting frequencies and balancing EQ for a flat, color-free response.

REDESIGNED INPUT / OUTPUT PANEL

To accommodate the optional Heritage Active Crossover and provide the audience with more options, we've modified the I/O panel. It now includes passive and active inputs and a passive output, so switching between setups is easy. We've also moved the panel to the speaker's back for a cleaner look from almost any angle.

THREE-WAY, HORN-LOADED EFFICIENCY

The Klipschorn's three-way, horn-loaded system delivers exceptional efficiency. For the AK7, we couple each driver to a precisely measured horn and optimize it for one of three pass-bands. This design generates greater acoustic power with less wattage, producing crystal clear sound with minimal distortion across the frequency spectrum.

EXTENDED PHASE PLUG FOR HEAVENLY HIGHS

We've paired our K-771 compression driver with a patented extended phase plug to prevent cancellations and equalize wavelengths for cleaner dispersion. That means you get more coverage and clarity than ever before.

3" COMPRESSION DRIVER PUMPS UP THE POWER

The new midrange K-1133-HP compression driver adds a full inch to the drivers on previous AK6 models. The larger compression area increases sound pressure to the horn's throat for more voluptuous volume.

SPECIFICATIONS - PASSIVE NETWORK

FREQUENCY RESPONSE	34Hz-19kHz (+/- 4 dB), 1/8 space anechoic
SENSITIVITY[1]	103dB, Pink noise, 2.83V, 1m. 34 Hz-19kHz
POWER HANDLING (CONT/PEAK)	100W/400W
MAXIMUM SPL	120dB, pink noise, 1m, 20v, 34Hz-19kHz
NOMINAL IMPEDANCE	8 ohms, 4 ohm minimum at 50Hz
CROSSOVER FREQUENCY	380Hz, 2900Hz
HIGH FREQUENCY DRIVER	K-771 compression driver with extended phase plug on a K-792 horn
MIDRANGE	K-1133-HP 3" compression driver on a K-406 horn
LOW FREQUENCY DRIVER	K-33-E 15" woofer in a fully horn loaded system
ENCLOSURE MATERIAL	Veneered MDF, 1/2" plywood
INPUTS	5 way metal binding post
HEIGHT	53.25" (135.25cm)
WIDTH	31.5" (80cm)
DEPTH	28.125" (71.5cm)
WEIGHT	260lbs(118kg)
FINISH	American Auburn, Black Ash, or American Walnut
GRILLE CLOTH	Silver Metallic
UTILIZES PATENTS	11902738, 7686129

1 Sensitivity in average listening room

SPECIFICATIONS - ACTIVE NETWORK

FREQUENCY RESPONSE	34Hz-20kHz (+/- 2.5 dB), 1/8 space anechoic

SPREAD THE SOUNDSTAGE WITH MUMPS AND TRACTRIX TECHNOLOGY

The AK7 gets the Tractrix treatment. The new K-406M patented Tractrix midrange horn features a shorter, 2" throat for unparalleled presence and precision. Mumps technology improves coverage, adding small contours to help maintain frequency response to the horn's edge.

BRING OUT THE BASS

The Klipschorn's fully enclosed low-frequency horn, paired with the powerful K-33-E 15" woofer, delivers deep, rich bass with remarkable clarity and impact. Its innovative folded horn design increases bass extension and efficiency.

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