

 **Klipsch**[®]



KG SERIES LOUDSPEAKERS

K G S E R I E S L O U D S P E A K E R S



Introducing the Klipsch kg Series. Your eyes may not believe they're from Klipsch. But there's no fooling your ears.

Since Paul Klipsch first pioneered the use of horns in loudspeakers, Klipsch speakers have had a singular impact on listeners fortunate enough to own them. Now the unique Klipsch sound and legendary craftsmanship are available in new sizes and designs. Witness the Klipsch® kg Series, a new generation of loudspeakers featuring sleeker cabinet styling, greater versatility and stunning improvements in sound quality. Available in a variety of floor-standing models and bookshelf designs—and with an optional subwoofer to complement either choice—Klipsch kg speakers blend with today's changing options in entertainment, from audio-only environments to state-of-the-art home theater.

Styled to blend with the decor of virtually any room, Klipsch kg speakers also offer stunning improvements in sound quality.

THE *TRACTRIX*[™] TWEETER HORN: KLIPSCH-DESIGNED FOR CRISP, LIFELIKE SOUND.



KLIPSCH KG SERIES FLOOR-STANDING SPEAKERS

► kg 5.2, 4.2, 3.2 ◀

Tractrix™ tweeter horn

The same technology used in the horns of classic Klipsch speakers can now be applied in the Klipsch kg 5.2 and 4.2 to let you enjoy tremendous accuracy, depth and stability of the soundstage as you listen to your favorite music. (The kg 3.2 is also horn-loaded, featuring a special Klipsch-designed tweeter horn for better clarity, smoother response and freedom from distortion.)

Spike and foot combination

In addition to new sleeker, contemporary styling, floor-standing models in the Klipsch kg line make use of a spike and foot combination which creates better bass coupling with any floor surface. The result is a more crisp and powerful low end.

Carbon-graphite-injected woofer

Carbon graphite is a lightweight, yet rigid, material which helps Klipsch kg speakers deliver greater dynamic range with low distortion.

Passive sub-bass woofer

The passive radiator in Klipsch floor-standing kg speakers operates on acoustic pressure generated by the woofer cone to increase low frequency output and extension. This technique of acoustically combining the two drive elements also helps these speakers remain virtually free of bass distortion.

Improved crossover network

The crossover networks of the kg series incorporate 3-pole high pass filtering. This helps reduce interference between drivers and improves the reliability of the tweeter.

KLIPSCH KG SERIES BOOKSHELF SPEAKERS

► kg 2.2, 1.2 ◀

Designed for compact versatility

All the performance you've come to expect from Klipsch speakers has been designed to fit conveniently on your shelf. The kg 1.2 and 2.2 are crafted from the finest real woods and materials. (Most comparable speakers in this price range are wrapped in vinyl which merely imitates wood.) For versatility in any home environment, the kg 1.2 and 2.2 are designed to perform equally well, whether placed upright or on their sides. **Optional video shielding in both models also make these speakers ideal for video center channel use in a home theater setting.**

A special Klipsch-designed tweeter horn

The tweeter of the kg 1.2 and kg 2.2 is horn-loaded, which means you can expect a more realistic and open soundstage. Its circular shape delivers an even dispersion and consistent image regardless of vertical or horizontal placement. In addition, the compression driver of this tweeter uses a ferrofluid cooling system within its motor structure which enables it to easily handle the peaks of the most dynamic music.

Carbon-graphite-injected woofer

The same woofer technology behind Klipsch floor-standing speakers helps kg bookshelf models create greater dynamic range with lower distortion.

Ported cabinet for added bass response

The kg 1.2 and kg 2.2 are ported and deliver remarkable bass response from speakers this size.

Improved crossover network

Most bookshelf speakers offer a simple crossover network using just one or two components. The Klipsch kg 1.2 and kg 2.2, however, incorporate 3-pole high pass filtering in their crossover networks. This helps reduce interference between drivers and improves the reliability of the tweeter.

KLIPSCH KG SERIES PASSIVE SUBWOOFER

► kg SW ◀

Passive electronics

Many subwoofers require internal or external amplifiers to give them enough output at low frequencies to "match" other speakers. The Klipsch kg SW delivers exceptional low frequency sound performance with no additional amplification.

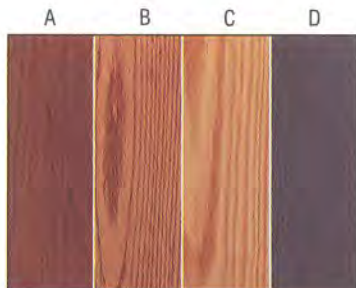
Dual 8" drivers

While some subwoofers rely on a single driver, the Klipsch kg SW utilizes two 8" drivers in a bandpass configuration. The result is deep bass and higher output capabilities at extremely low frequencies.

Switchable voice coils

Each kg SW driver includes dual voice coils, which can be activated by the user to vary the sensitivity of the system for optimum performance with virtually any existing speaker system.

NOTE: The Klipsch kg SW Passive Subwoofer is an ideal complement to an existing Klipsch loudspeaker system, adding substantial performance to the following Klipsch models: kg 1, kg 1.2, kg 2, kg 2.2, kg 3, kg 3.2, kg 4, kg 4.2, kg 5.2, Heresy and Heresy II.



Each speaker shown in this brochure is available in a selection of fine woods and finishes, including:

- A. Walnut Oil B. Oak Oil
- C. Oak Clear D. Finished Black

The kg 5.2 and 4.2 speakers utilize a new Klipsch-designed *Tractrix*[™] tweeter horn. Klipsch engineers arrived at this state-of-the-art horn by developing a special computer-designed program to effectively put the *Tractrix* through its paces during computer simulations that helped refine this driver's control and directivity.

S P E C I F I C A T I O N S



KLIPSCH KG 5.2

BANDWIDTH:
34-20K Hz \pm 3 dB

SENSITIVITY:
96 dB @ 1 watt/1 meter

NOMINAL IMPEDANCE:
8 Ohms

POWER HANDLING:
100 watts (500 watts peak)

ENCLOSURE TYPE:
Vented Box (via Passive Radiator), 2-Way System

DRIVE COMPONENTS:
K-85-K Tweeter
K-1001-K 10" (25.4 cm)
Woofer
KD-121-K 12" (30.5 cm)
Passive Radiator

WEIGHT:
54 lbs./24.5 kg

CROSSOVER FREQUENCY:
1600 Hz

DIMENSIONS:
Height: 33½" (85.1 cm)
(w/o feet)
Width: 14¾" (37.5 cm)
Depth: 12¾" (32.4 cm)



KLIPSCH KG 4.2

BANDWIDTH:
36-20K Hz \pm 3 dB

SENSITIVITY:
95 dB @ 1 watt/1 meter

NOMINAL IMPEDANCE:
8 Ohms

POWER HANDLING:
100 watts (500 watts peak)

ENCLOSURE TYPE:
Vented Box (via Passive Radiator), 2-Way System

DRIVE COMPONENTS:
K-85-K Tweeter
K-1005-K 10" (25.4 cm)
Woofer
KD-101-K 10" (25.4 cm)
Passive Radiator

WEIGHT:
44 lbs./20 kg

CROSSOVER FREQUENCY:
1600 Hz

DIMENSIONS:
Height: 30½" (77.5 cm)
(w/o feet)
Width: 13½" (34.3 cm)
Depth: 11¾" (29.8 cm)



KLIPSCH KG 3.2

BANDWIDTH:
36-20K Hz \pm 3 dB

SENSITIVITY:
94 dB @ 1 watt/1 meter

NOMINAL IMPEDANCE:
8 Ohms

POWER HANDLING:
65 watts (325 watts peak)

ENCLOSURE TYPE:
Vented Box (via Passive Radiator), 2-Way System

DRIVE COMPONENTS:
K-84-K Tweeter
K-1002-K 8" (20.32 cm)
Woofer
KD-102-K 10" (25.40 cm)
Passive Radiator

WEIGHT:
32 lbs./14.5 kg

CROSSOVER FREQUENCY:
1800 Hz

DIMENSIONS:
Height: 25½" (64.77cm)
(w/o feet)
Width: 12¾" (31.43 cm)
Depth: 10¾" (27.30 cm)



KLIPSCH KG 2.2

BANDWIDTH:
50-20K Hz \pm 3 dB

SENSITIVITY:
93 dB @ 1 watt/1 meter

NOMINAL IMPEDANCE:
8 Ohms

POWER HANDLING:
75 watts (375 watts peak)

ENCLOSURE TYPE:
Vented Box (via Passive Radiator), 2-Way System

DRIVE COMPONENTS:
K-86-K (Tweeter Horn Integral w/Baffle)
Two K-1008-K 6½" (15.24 cm) Woofers

WEIGHT:
19½ lbs./8.86 kg

CROSSOVER FREQUENCY:
2200 Hz

DIMENSIONS:
Height: 19½" (49.53 cm)
Width: 9¼" (23.49 cm)
Depth: 9¼" (23.49 cm)



KLIPSCH KG 1.2

BANDWIDTH:
50-20K Hz \pm 3 dB

SENSITIVITY:
90 dB @ 1 watt/1 meter

NOMINAL IMPEDANCE:
8 Ohms

POWER HANDLING:
50 watts (250 watts peak)

ENCLOSURE TYPE:
Vented Box (via Passive Radiator), 2-Way System

DRIVE COMPONENTS:
K-86-K (Tweeter Horn Integral w/Baffle)
K-1007-K 6½" (15.24 cm)
Woofer

CROSSOVER FREQUENCY:
2200 Hz

WEIGHT:
15 lbs./6 kg

DIMENSIONS:
Height: 13" (33.02 cm)
Width: 9¼" (23.49 cm)
Depth: 9¼" (23.49 cm)

Optional video shielding in kg 2.2 and 1.2 allows speaker placement in home theater center channel configurations.

KLIPSCH KG SW PASSIVE SUBWOOFER

BANDWIDTH:
38-150K Hz \pm 3 dB

SENSITIVITY:
Low Output: 91 dB
@ 1 watt/1 meter
High Output: 94 dB
@ 1 watt/1 meter

NOMINAL IMPEDANCE:
Low Output: 8 Ohms
High Output: 4 Ohms

POWER HANDLING:
100 watts (500 watts peak)

ENCLOSURE TYPE:
Bandpass

DRIVE COMPONENTS:
Two K-1004-K 8" (20.3 cm)
Woofers

CROSSOVER POINTS:
Subwoofer: 150 Hz Low Pass
Satellites: 150 Hz High Pass

WEIGHT:
42 lbs./19.1 kg

DIMENSIONS:
Height: 12¼" (31.1 cm)
Width: 24¼" (61.6 cm)
Depth: 15½" (40.3 cm)



Klipsch

Manufacturing Facilities: P.O. Box 688 • Hope, Arkansas U.S.A. 71801-0688 (501) 777-6751 • FAX (501) 777-6753
Sales and Administrative Offices: 8900 Keystone Crossing, Suite 1200 • Indianapolis, Indiana U.S.A. 46240 (317) 574-3866 • FAX (317) 574-3870