Among AKG patents, none is more significant than the Passive Diaphragms found in our K-240, K-340 and K-3 models. Mounted within each earpiece, they perform two distinct functions when activated by sound waves. They are acoustically transparent above 200 Hz, and one listens in a virtually "free field." Unwanted mid- and high-frequency peaks and valleys of conventional circumaural (closed) headphones are eliminated. Sound enters the ear in a "normal" manner as

Common to all AKG headphone designs, the circumaural K-240 possesses outstanding features which increase wearing comfort, fit and flexibility of the headphone. Unique self-adjusting headband and cardboard-ears locate the earpieces precisely and accurately regardless of head or ear shape, long-term wear fatigue is eliminated. Weight is distributed uniformly over wide headbands. In environments where noise could be a problem, circumaural headphones are an ideal selection. And remember, the patented "Passive Diaphragms" yield qualities equal to the most natural listening environment.

Utilizing Passive Diaphragms to take advantage of all the benefits offered by both "open air" and "sealed" headphone designs, AKG engineers combined microphone derived moving coil transducers (typically yielding stronger bass) with high-frequency electrostatic transducers (capable of superb transient response) and, in so doing, eliminated the need for external

On a par with the most elaborate electrostatic speakers in transparency and accuracy, the K-340 will reproduce deeper and more precisely defined bass than it available from most dynamic loudspeakers... while free from the effects of room acoustics. Every detail of the sound is clear and natural while the acoustic imaging is better localized than with any other headphone. With the numerous technological advantages to be found at AKG... nothing has been overlooked in the K-340 design. The result reveals every detail in the music for your amazement and enjoyment. Being circumaural, it isolates you from your listening environment.
PHRAGMS”—A SIGNIFICANT AUDIO

in supra-aural (open) headphones, 2. Below 200 Hz, combined with acoustical “screens,” they form a controlled, damped vent to flatten out any bass peaks … thus eliminating boominess common in most circumaural headphones, and extends linear response lower than would otherwise be possible in supra-aural headphones. The result is pure listening pleasure … you hear tone gradations often lost in loudspeakers or in the listening room environment.

The K-3 is an AKG miniature lightweight (2 oz) version of the famous K-240, and is equipped with a multi-diaphragm system comprised of audio membranes which provide “free-field” listening above 200 Hz. And below that value, produces linear, extended bass reproduction often lacking in competitive products. With the K-3, musical content of any program is as realistic and natural as a live performance … free from any coloration caused by the acoustics of your listening room.

N OF DYNAMIC AND ELECTROSTATIC

polarizing voltage and cumbersome, often costly, power supplies or adapter boxes of conventional electrostatic headphones. Both the K-340 and the K-4 are plugged directly into the headphone jack of any receiver, amplifier or tape deck. There are virtually no limitations as to the use of these two headphones or the volume to which they can be safely driven.

The K-4 is a miniature lightweight (2.3 oz) version of the K-340 … the only headphones of their type in the world. All of the values inherent in its design are similar to those found in the K-340 … except size. Careful miniaturization has produced a mimic of its larger counterpart. It is supra-aural, very lightweight and, because it is coloration-free it virtually eliminates listening fatigue. You can be aware of room ambience. For its size, it is an amazing performer … offering all the advantages of combining deeper, un-muddied bass and the high-frequency clarity and detail of instruments and vocals. An unbelievable listening experience!
TECHNICAL DATA

OPERATING PRINCIPLE
FREQUENCY RANGE
NOMINAL SOUND PRESSURE LEVEL at 1,000 Hz
NOMINAL IMPEDANCE
MAXIMUM INPUT
% THD AT 95 dB SPL
WEIGHT
CABLE LENGTH

K-340
Dynamic/Electrostatic
15-25,000 Hz
104 dB
400 Ohms per System
10V
3 meters (10 ft)
1/4 inch phone plug
Combines strong bass of dynamic transducers and transparent highs of electrostatic elements. Together with patented Passive Diaphragms and acoustic "screens" for controlled response and "free-field" realism, Dynamic transducers provide accurate reproduction and high output. Universal earmuff is constant suspension for each earpiece with self-adjusting headband and control knob to wear over long periods. Favorite at recording studios.

K-240
Dynamic moving coil
15-20,000 Hz
112 dB
600 Ohms per System
11V
3 meters (10 ft)
1/4 inch phone plug
Utilizes Passive Diaphragms and acoustic "screens" for controlled response and "free-field" realism. Dynamic transducers provide accurate reproduction and high output. Universal earmuff is constant suspension for each earpiece with self-adjusting headband and control knob to wear over long periods. Favorite at recording studios.

K-144
Dynamic moving coil
10-20,000 Hz
107 dB
600 Ohms per System
10V
2.5 meters (8 ft)
1/4 inch phone plug
Lightweight, semi-open headphone featuring the resonance-free characteristics of "open air" designs and freedom from low-frequency side effects caused by conventional circum-aural headphones. Provides excellent clarity and definition. Self-adjusting headband and universal cardan earpiece suspensions make it easy to wear for long periods. Favorite at recording studios.

K-341
Dynamic/Electrostatic
15-25,000 Hz
92 dB
400 Ohms per System
8.9V
1.0
65g (2.3 oz) without cable
2.7 meters (9 ft)
1/4 inch phone plug
Another featherweight model, the K-341 is the supra-aural version of the K-340. It also utilizes Passive Diaphragms to guarantee a high degree of "free-field" realism which must be heard to be believed. Like the K-4, the self-adjusting headband and universal cardan earpiece suspensions make it easy to wear for long periods.
Finest of the AKG conventional headphone designs, this lightweight semi-open model also features the much desired resonance-free characteristics of "open air" hearing with absence of low-frequency side effects found in most circum-aural headphones. Provides supreme clarity and definition throughout the entire frequency spectrum. Widely used as a monitoring headphone. Noted for natural, unexaggerated stereo separation.

A stepped-up model over the K-40, with numerous subtle design refinements. The K-130 boasts an exceptionally wide frequency range—providing the user a tireless, natural listening experience. A supra-aural, its foam padded and vented earpieces promote resonance-free "open air" listening enjoyment supported by a comfortable, flexible headband. Patented AKG cardan-coupled, it is light and easy to wear over long periods of use. Goes unnoticed! A worthy performer.

Excellent choice whenever a rugged headphone is preferred which is both high in performance and also economical to purchase. Its vented earpieces are furnished with large dynamic moving coil transducers, and cardan-coupled on a flex-plastic headband. It is supra-aural, with acoustical foam earpads. True "open air" model. Provides quality reproduction.

Medium-size stereo headphones features wide frequency listening range via large dynamic moving coil transducers to produce "you-are-there" realism to your favorite programs or records. Supra-aural design, vertical earpiece adjustment plus cardan-coupling, fits ears with minimum contact pressure allowing user hours of tireless, fabulous audio.