

# harman/kardon®

Technology By  
ETYMOTIC RESEARCH

## ep 710 headphones



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## Safety Instructions

Headphone/earphone listening at high volume levels may cause permanent damage to your hearing. Always set the volume control to the lowest level before switching to different sources (tuner, CD player, MP3 player, etc.) or before plugging in the headphones/earphones. For your safety, do not use headphones/earphones while driving or cycling.

## Earphone Removal

- To avoid discomfort, use a slow twisting motion to gradually break the seal.
- Open the jaw slightly to equalize pressure, because suction can occur when the eartip is removed.

## Headphone Regulatory Requirements

U.S., Europe (+TUV), UK, Japan, China, Singapore, Taiwan, Mexico, Korea, Australia, New Zealand

## Headphone Language Requirements

English, French, Spanish, German, Korean, Chinese, Japanese, Norwegian, Dutch, Danish, Italian

## Welcome

Thank you for purchasing the Harman Kardon® EP 710 noise-isolation earphone system. This system has been designed to meet Harman Kardon's highest audio-performance standards. The Harman Kardon EP 710 will meet all your listening and travel needs, and enable you to immerse yourself in your favorite music, wherever you are.

## Introduction

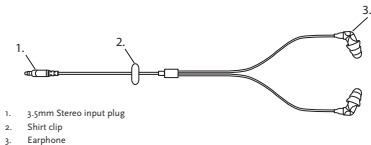
Acoustically advanced Harman Kardon 700 Series earphones deliver clear, accurate sound from any portable music or DVD player. Their lightweight, in-ear design blocks out ambient noise better than many bulky battery-powered sound-canceling headphones. You can enjoy the full dynamic range of your favorite music and movies without cranking up the volume to unnatural – or even unsafe – listening levels.

## Package Contents

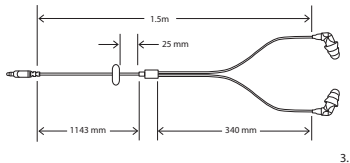
1. EP 710 Earphones
2. Flange ear tips (one pair)
3. Foam ear tips (one pair)
4. Replacement filters 1 pair
5. Filter-changing tool
6. Carrying case



## Construction



## Dimensional Layout



## Technical Specification

Manufacturer:	Harman Consumer Group, Inc.
Model:	EP 710
Available in:	Black or White
Input Requirement:	Main connection – 3.5mm mini stereo jack
Max Power Input:	40 mW
Dimensions:	Cable length – 1.5m
Compatibility:	All audio output devices with a 3.5mm or stereo phono audio jack
Sensitivity (@ 1kHz):	96dB SPL for a 0.1V RMS input
Maximum Output:	120dB SPL
Impedance:	16 ohms (nominal)
Noise Isolation:	30 dB (three-flange ear tip deeply seated)
Frequency Response:	50Hz – 15kHz
Weight:	13.2 Grams (1.5m cable included)

## Proper Care

- Do not expose earphones to extreme temperatures.
- Avoid dropping or strong impact. Extreme shock can damage the earphones.
- Always leave an ear tip on the earphone for shock protection.
- Perspiration entering the nozzle may cause the earphone to temporarily stop working. Normal operation usually resumes after the earphone dries out.
- Do not pull on the cord to remove it from the jack or the ear.
- Clean or replace the ear tips prior to use and following by others.
- Replace disposable foam ear tips regularly.
- Earwax buildup can reduce the earphone output. When the filters become clogged, they should be replaced. See Changing Filters.

## Caution

Consult a physician or audiologist if you have excessive cerumen, difficulty inserting the ear tips, or discomfort after prolonged use. It is unsafe to use insert earphones while driving a motorized vehicle, operating machinery, bicycling or jogging, because you may not be alerted to potential danger. Do not use the earphones at excessively loud levels. Noise-induced hearing loss is a result of exposure time, the average sound level and the peak of very loud sounds. Decreased listening levels allow for longer periods of safe listening time.

## Changing Filters



1. Remove ear tip.



2. With a slow twisting motion, firmly push the sharp tip of the filter tool into the center of the filter.



3. Pull out the entire filter and plastic ring.

## Filter Replacement



1. With your fingers, put the narrow end of a new filter into the end of the earphone. Be careful to put the open end in first so that the filter can be seen at the tip of the earphone. Gently push on the filter and snap it into the earphone. You should feel and hear it snap in place.



2. Add the ear tip back onto the earphone.

**H** A Harman International Company

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Made in China. Fabriqué en Chine.

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Harman Kardon's model 710 earphones, are covered by design patents no. 452313-0002, and other patents pending.  Technology By ETYONIC RESEARCH

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