



HD 490 PRO | HD 490 PRO Plus

Professional Reference Studio Headphones



The perfect mix of clarity, comfort and reliability

Experience the perfect mix of clarity, comfort, and reliability. HD 490 PRO professional studio reference headphones are built to handle all the complexities of today's music production. Featuring an open-back design that delivers an extremely wide, dimensional sound stage and ultra-precise sound reproduction, HD 490 PRO gives you the clarity you need for your most critical mixing decisions.

FEATURES

- Backed by decades of Sennheiser engineering, technology, research and development
- Uncolored frequency response for honest, dynamic sound reproduction across the full spectrum
- Two unique sets of washable, replaceable ear pads for producing or mixing help eliminate ear fatigue and pinpoint frequencies
- Open-back design with an extremely wide, dimensional sound stage and ultra-precise localization
- Innovative low-frequency cylinder system for full, accurate, and clearly defined low end
- Precision-engineered ergonomics eliminate pressure points and deliver supreme, flexible, lightweight comfort
- Sennheiser Open-frame Architecture reduces total harmonic distortion (THD) and minimizes resonance, improving audio accuracy

PRODUCT VARIANTS

HD 490 PRO	Art. no. 700286
HD 490 PRO Plus	Art. no. 700287

ACCESSORIES

HD 490 PRO - Mixing Pad Set	Art. no. 700290
HD 490 PRO - Producing Pad Set	Art. no. 700291
HD 480/HD 490 PRO - Case	Art. no. 700292
HD 480/HD 490 PRO - Travel Case	Art. no. 700503
PRO Headphone Bag	Art. no. 700545
HD 480/HD 490 PRO - Cable 1.8 m	Art. no. 700288
HD 480/HD 490 PRO - Cable 3 m	Art. no. 700289
HD 480/HD 490 PRO - Balanced Cable	Art. no. 700330
HD 480/HD 490 PRO - Coiled Cable	Art. no. 700502

DELIVERY INCLUDES

HD 490 PRO Headphones:

- 3.5 mm (1/8") jack plug to 6.3 mm (1/4") adapter, 1.8 m cable, mixing ear pads, producing ear pads, Quick Guide, Safety Guide

HD 490 PRO Plus Headphones:

- 3.5 mm (1/8") jack plug to 6.3 mm (1/4") adapter, 1.8 m cable and 3 m cable, mixing ear pads, producing ear pads, extra headband pad, case, Quick Guide, Safety Guide

SPECIFICATIONS

Acoustic principle	open
Ear coupling	circumaural
Transducer principle	dynamic
Transducer	38 mm
Transmission range	5 Hz to 36, 100 Hz (-10 dB)
Sensitivity	105 dB SPL (1 kHz/1 Vrms) 96 dB SPL (1 kHz/1 mW)
Max. sound pressure level	128 dB SPL (1 kHz 5 % THD)
Distortion (THD)	<0.2 % (1 kHz, 100 dB SPL)
Impedance	130 Ω (1 kHz)
Power rating	300 mW (100 h, noise IEC 60268)
Temperature range	operation: +0 to +50 °C storage: -25 to +70 °C
Rel. humidity	operation: 10 to 80% not condensing storage: 10 to 90%
Weight (w/o cable)	260 g



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DIMENSIONS

