DT 700 PRO X Limited Black Edition

Professional Studio Headphone

Order # 1003391



FEATURES

- Closed-back professional studio headphones
- Ideal for recording & monitoring
- STELLAR.45 driver for high-performance studio sound
- 48 ohms and a wide range of applications on all devices
- Rugged spring steel headband construction
- Single-sided detachable cable
- Soft, replaceable ear pads and headband pad
- Gold-plated mini stereo jack connector (3.5 mm) & 1/4" adapter (6.35 mm)

beyerdynamic

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APPLICATIONS

With the closed DT 700 PRO X Limited Black Edition, beyerdynamic presents a pair of circumaural studio headphones that are suitable for professional recording and monitoring in the studio as well as on the road. This is enabled by the STELLAR.45 driver, developed in Heilbronn, which reproduces the best studio-quality sound loudly and powerfully on all playback devices. Whether on an interface, laptop, tablet or mobile phone, there are no limits to creativity.

The detachable mini-XLR cable can be replaced by cables of different lengths and connection options. The rugged spring steel headband construction gives the over-ear headphones a secure fit and ensures durability.

The supple velour ear pads are soft to touch, as you would expect, and ensure comfortable air circulation. Thanks to soft memory foam, the headband adapts ergonomically to the shape of the head and, like the ear pads, it can be replaced when necessary.

Robust and high-quality materials complete these headphones, which are handmade in Germany.

TECHNICAL SPECIFICATIONS

Transducer type	Dynamic
Operating principle	Closed-back
Sound coupling to the ear	Circumaural
Frequency response	5 - 40,000 Hz
Nominal impedance	48 Ω
Ambient noise attenuation	20 dB A
Nominal sound pressure level @1 mW / 500 Hz	100 dB SPL
Nominal sound pressure level @1 V / 500 Hz	114 dB SPL
Short term maximum input power	100 mW
Rated maximum input power (continuous operation)	30 mW
THD @ 1 mW	0.40% @ 100 Hz 0.05% @ 500 Hz 0.04% @ 1 kHz
Headband pressure	5.3 N
Length and type of cable	3 m (9.8 ft) / straight cable or 1.8 m (5.9 ft) / straight cable, each detachable, with 3-pin mini XLR cable connector, single-sided
Connection	Gold-plated mini stereo jack (3.5 mm) & 1/4" adapter (6.35 mm)
Weight (without cable)	350 g

ACCESSORIES AND REPLACEMENT PARTS

- Straight cable, 3-pin mini XLR (lockable) and mini stereo jack (3.5 mm), length 3 m . . Order # 728471
- Straight cable, 3-pin mini XLR (lockable) and mini stereo jack (3.5 mm), length 1.8 m . Order # 728462
- Straight cable, 3-pin mini XLR (lockable) and mini stereo jack (3.5 mm), length, 1.2 m . Order # 728454
- Coiled cable, 3-pin mini XLR (lockable) and mini stereo jack (3.5 mm), 5 m (extended length) . . . . . Order # 728489
- Black leatherette headband pad . . . . . Order # 937673
- Replacement ear pads EDT 700 PRO X LB . . . . . Order # 1003432
- Acoustic disc set for DT 700 PRO X. . . . . Order # 934771
- Single PRO X driver system, 48 ohms, for DT 700 PRO X. . . . . Order # 934720
- DT Hardcase, carrying case for circumaural headphones . . . . . Order# 718971
- Hardcase PRO, rugged hard case for circumaural headphones . . . . . Order# 717967
- DT Drawstring Bag, nylon drawstring bag for headphones and headsets . . . Order # 705950

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