

PRESS INFORMATION

Unlimited Creativity: The new beyerdynamic PRO X series for Creators

Four new PRO products of the traditional company beyerdynamic from Heilbronn

Heilbronn, October 7th, 2021 – With two new headphones and microphones, beyerdynamic is introducing a new era for creators. The two headphones DT 700 PRO X and DT 900 PRO X promise an unprecedented performance in the class of studio headphones on all playback devices. The M 70 PRO X dynamic microphone and the M 90 PRO X true condenser microphone deliver detailed sound. Whether live streaming or recording, at home or in the studio, the PRO X series can be used flexibly in all situations. The new product series is characterized by authentic sound and a functional, timeless design.

DT 700 PRO X and DT 900 PRO X – Top Class Headphones

The new PRO X headphones embody what beyerdynamic is world-famous for: Trusted sound quality paired with maximum comfort. The closed-back DT 700 PRO X can be used for production in the home studio as well as on-the-go on a laptop, tablet, or smartphone. The counterpart to this is the open-back DT 900 PRO X, with a pair of circumaural studio headphones that highlights its strengths in professional monitoring, mixing and mastering.

The new STELLAR.45 driver was developed from beyerdynamic in Heilbronn and ensures a loud and powerful sound on all playback devices. A strong neodymium magnet and a voice coil made of copper-plated high-tech wire make this possible. The conductivity and weight of the wire are perfectly balanced. In combination with the newly developed three-layer speaker cone with integrated attenuating layer, the new PRO X headphones have a highly efficient driver system that has an impedance of 48 ohms. The transducer's fast response and detailed transient reproduction due to the lightweight voice coil ensures reliable sound without distortion, even at high sound pressure levels.

The new headphones impress with their functional design. Both models come with two mini-XLR cables, which can be changed in no time and replaced with other connection options. Smooth gray velour ear pads and soft memory foam in the headband guarantee the familiar high level of comfort – there is no feeling of pressure or discomfort, even after several hours of wearing. The combination of robust spring steel bracket construction and high-quality materials ensures a long service life for the handmade headphones from Heilbronn. If necessary, almost all

parts can be replaced, making the DT 700 PRO X and DT 900 PRO X a faithful companion for every creator.

M 70 PRO X and M 90 PRO X – a Must-have for Creators

In the studio, at home or for project recordings: The two microphones – M 70 PRO X and M 90 PRO X – can be used flexibly and are designed to meet the needs of Creators. The M 70 PRO X for broadcasting, podcasting and streaming, and the M 90 PRO X for recording vocals and instruments. The microphones from the new PRO X series are characterized by a natural sound recording. They deliver the most detailed nuances and an exceedingly low-noise signal at all volumes. Elastic system suspension as well as the stable microphone spider audibly reduce unwanted sounds like footsteps, hand grips or keyboard noise. A pop filter ensures that breathing noises and harsh plosive sounds are softened.

The M 70 PRO X is the microphone for all broadcasters who want the perfect sound at home and on the road – ideal for streamers, podcasters or YouTubers. The sound of this model has been optimized specifically for speech, and the microphone almost completely blocks out surrounding noise to deliver the best sound – even in acoustically challenging environments.

With the M 90 PRO X, beyerdynamic offers an XLR microphone for recordings at home and in the studio. With its detailed sound and perfectly balanced signal-to-noise ratio, it is ideal for vocals, instruments, and voice recordings, such as voice-overs.

The Legendary Authentic Sound of beyerdynamic

Both microphones deliver clear and natural sound recordings. Thanks to tuned proximity effect, the microphones never sound dull, and the extended upper frequency range picks up every detail of the voice. Mids are reproduced with the usual power and bass is extremely natural. A low-noise operational amplifier and a precise voltage regulator create a clear, warm sound.

The new product series features a minimalist black design consisting of premium and interchangeable parts such as capsule, circuit board or connector. The high-quality aluminum housing and the robust steel mesh protect the microphone and reduce the weight of the M 70 PRO X, so that it can be attached to any tripod or microphone arm.

The PRO X series in the Creator Test

Creators are at the center of the new campaign. In collaboration with selected artists, beyerdynamic demonstrates the capabilities of the new PRO X series. The singer Rola, the producers Dexter and iamnobodi as well as the mixing & mastering engineer Volker “IDR” Gebhardt have created a song with the equipment of the new PRO X series that can be watched and heard. The creation process of the song was

accompanied by podcaster Miriam Davoudvandi. You can find the video [here](#) and listen to the song on our PRO X landing page [here](#).

Availability and Pricing

The DT 700 PRO X and DT 900 PRO X are now available at a recommended retail price of \$299, and the two microphones M 70 PRO X and M 90 PRO X are available from a recommended retail price of \$299 and \$349 at the online store at www.north-america.beyerdynamic.com and at specialist retailers.

Specifications: DT 700 PRO X

Transducer Type	Dynamic
Operating principle	Closed
Sound coupling to the ear	Circumaural
Frequency Response	5 - 40.000 Hz
Nominal impedance	48 ohms
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
Total Harmonic Distortion (THD) @1 mW	0.40% @100 Hz 0.05% @500 Hz 0.04% @1 kHz
Clamping force	5,3 N
Weight (without cable)	350 g
Scope of delivery	1.8 m (5,9 ft), mini XLR cable 3.0 m (9,8 ft) mini XLR cable Each with gold-plated mini stereo jack (3.5 mm) & 1/4" adapter (6.35 mm) Carry bag Quick Start Guide

Specifications: DT 900 PRO X

Transducer Type	Dynamic
Operating principle	Open
Sound coupling to the ear	Circumaural
Frequency Response	5 - 40.000 Hz
Nominal impedance	48 ohms
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
Total Harmonic Distortion (THD) @1 mW	0.80% @100 Hz 0.05% @500 Hz 0.04% @1 kHz
Clamping force	5,3 N
Weight (without cable)	345 g
Scope of delivery	1.8 m (5,9 ft), mini XLR cable 3.0 m (9,8 ft) mini XLR cable Each with gold-plated mini stereo jack (3.5 mm) & 1/4" adapter (6.35 mm) Carry bag Quick Start Guide

Specifications: M 70 PRO X

Transducer type	Dynamic/moving coil
Operating principle	Pressure gradient
Frequency response	50 Hz – 18 kHz
Polar pattern	Cardioid
Open circuit voltage At 1 kHz (0 dB = 1V/Pa)	1.8 mV/Pa
Nominal impedance	400 ohms
Nominal load impedance	1 kOhm
Power supply	No power supply needed
Connection	XLR3M
Dimensions	Length 185 mm Ø 52 mm
Weight	300 g
Contents of package	Elastic mount (microphone spider) Pop filter with gooseneck Transport bag

Specifications: M 90 PRO X

Transducer	True condenser
Operating principle	Pressure gradient
Frequency response	20 Hz – 20 kHz
Polar pattern	Cardioid
Open circuit voltage at 1 kHz	36.3 mV/Pa
Nominal impedance	<180 Ohm
Load impedance	1 kOhm
Mac. SPL at 1 kHz	133 dB SPL (A)
Signal-to-noise ratio rel. to 1 Pa	88.4 dB (A)
A-weighted equivalent SPL	5.6 dB (A)
Power supply	20 – 52V
Current consumption	5.6 mA
Connection	XLR3M
Dimensions	Length 197 mm Ø 52 mm
Weight	300 g
Contents of package	Elastic mount (microphone spider) Pop filter with gooseneck Transport bag

Detailed press release with specifications and images for download at:

<https://north-america.beyerdynamic.com/company/press/unlimited-creativity-the-new-beyerdynamic-pro-x-series-for-creators>

Product pages as well as product video:

<https://www.beyerdynamic.com/pro-x>

<https://www.beyerdynamic.com/dt-900-pro-x.html>

<https://www.beyerdynamic.com/dt-700-pro-x.html>

<https://www.beyerdynamic.com/m-70-pro-x.html>

<https://www.beyerdynamic.com/m-90-pro-x.html>

https://youtu.be/37bb_EW0v4M

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About beyerdynamic

Since 1924, beyerdynamic has embodied first-class, professional audio products that inspire sophisticated customers around the world. Most of the products are manufactured by hand in Heilbronn. In the product areas “Creator”, “Gamer”, “Work & Learn” and “Enjoyer – Music lovers”, beyerdynamic offers headphones, headsets, microphones, gaming, and home office products. They all have one thing in common: pure sound. This has always carried the company across the emotional stages of the world, through the inspiring studios of the cities and into the ears and souls of the people.

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