

HIGH OUTPUT.  
ANALYTICAL. ROBUST.  
COMFORTABLE.  
STYLISH.



DT 1350

COMPACT, SUPRAAURAL MONITORING HEADPHONE  
WITH TESLA TECHNOLOGY

**beyerdynamic**)))

# DT 1350

## COMPACT, SUPRAAURAL MONITORING HEADPHONE

Handcrafted in Heilbronn, the DT 1350 is the first professional monitoring headphone in beyerdynamic's new generation of headphones featuring Tesla technology. The completely re-engineered Tesla drivers create a headphone combining an enormous degree of efficiency with extremely low levels of distortion, allowing the DT 1350 to produce a perfectly balanced, analytical sound even at highest volumes.

The ambient noise reduction is extremely efficient for such a compact supraaural headphone and combines with the impressive maximum sound pressure level to make the DT 1350 the ideal headphone for use in noisy environments; for example by sound engineers monitoring PA systems, or by musicians and DJs. The perfectly balanced, analytical sound means the headphone also impresses in everyday studio use or when simply enjoying music at home or on the move.

### ASSERTIVE AND ANALYTICAL

A maximum sound pressure level (129 dB SPL max, 109 dB SPL nominal) and a high ambient noise reduction mean the headphones perform well even in noisy environments. The Tesla systems provide enormous power reserves for a dynamic, undistorted sound.



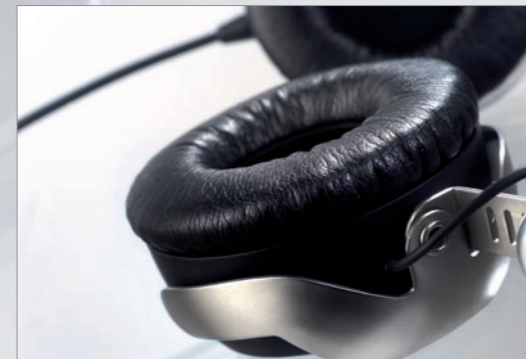
### STYLISH AND ROBUST

The functional, stylish design uses high quality materials to create a headphone that is both easy to use and extremely durable. The single sided cable can withstand loads of  $\geq 20$  kg (200 N) making it extremely robust and particularly suited for everyday use.



### COMFORTABLE

The removable ear cushions and adjustable, split headband ensure the headphones sit securely and remain comfortable even during prolonged periods of use. The swivelling ear cups (90°) also allow "one-ear" monitoring.

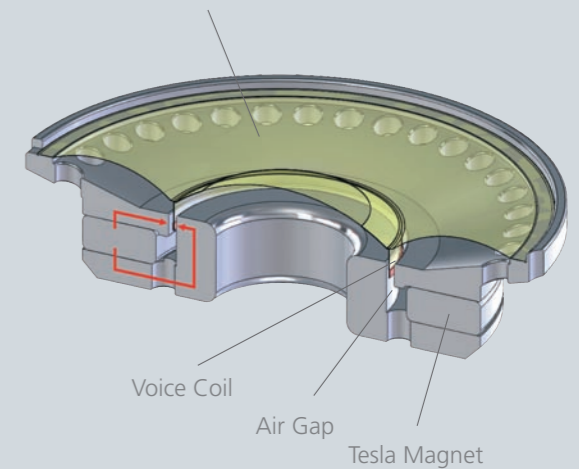


The completely re-engineered Tesla sound transducers help achieve almost lossless magnetic flux. This is made possible by the brand new system geometry, which allows the transfer of magnetic force to the voice coil to be as efficient as possible. Traditional dynamic systems use a neodymium magnet at the centre of the system, the size of which was inevitably limited inside the headphone cup. The Tesla principle sees the magnet mounted as a ring around the coil, allowing more energy to be directed to the membrane, which is where it is actually required.

## TESLA TECHNOLOGY

tesla  
technology

Sandwich-Layer-Membrane



The exceptionally pure sound produced by our Tesla systems is the result of the close attention to countless small details. Especially noteworthy is the ring-shaped magnet which allows our engineers to place a drill-hole directly behind the centre of the membrane in order to minimise disruptive resonances. The use of a special, multilayer membrane effectively suppresses unwanted partial vibrations and resultant distortion.

Another special feature of the Tesla systems is their full-metal design. This prevents any uncontrolled resonances in any part of the casing, which might in turn distort the sound. The metal also protects the device against electrical interference.

## TECHNICAL SPECIFICATIONS

Transducer type	Dynamic
Operation principle	Closed
Frequency response	5 - 30,000 Hz
Nominal impedance	80 ohms / system
Nominal SPL	109 dB (1 mW / 500 Hz)
SPL max.	129 dB (100 mW / 500 Hz)
Nominal T.H.D.	< 0.2% (1 mW / 500 Hz)
Power handling capacity	100 mW
Sound coupling to the ear	Supraaural
Ambient noise isolation	approx. 23 dbA
Nominal headband pressure	approx. 5.5 N
Weight without cable	174 g
Length and type of cable	1.5 m, single sided, straight
Connection	Gold plated stereo jack plug (3.5 mm) and ¼" adapter (6.35 mm, threaded)



### WARNING!

KEEP THE VOLUME AS LOW AS POSSIBLE!

Prolonged periods of use at high volumes can lead to hearing impairment and permanent hearing loss.



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