

DT 250 / DT 252

Studio Headphones

FEATURES

- Closed headphone
- Good ambient noise attenuation
- Neodymium magnet system for perfect reproduction
- Soft, circumaural ear pads
- Single-sided plug-in type connecting cable
- Limiter (optional)
- DT 252 as single-sided version

APPLICATIONS

The DT 250 is a lightweight, closed dynamic headphone, which was specially designed for studio applications.

It is featuring an efficient neodymium magnet system, a very high reproduction precision and a balanced sound. The wide transmission range between 10 - 30,000 Hz is another important feature.

The DT 250 comes with 80 Ω or 250 Ω systems.

The soft circumaural earcups offer a high wearing comfort and excellent ambient noise insulation. The padded headband is fully adjustable and can be adapted to each head size. The connecting cables to the earcups run safely in the headband.

The main connecting cable is single-sided, plug-in type with a golden combi 1/4"/mini jack plug. All parts are easy to replace.

The DT 252 is the single-sided version of the DT 250. This headphone is recommended for all broadcasting and theatre applications where the ambient contact is essential.

VERSIONS

DT 250	Studio headphone, 80 Ω system, with WK 250.07 coiled connecting cable with gold-plated mini stereo jack plug (3.5 mm) and 1/4" adapter (6.35 mm).	Order # 442.844
DT 250	same as above, but 250 Ω system.	Order # 443.530
DT 252	same as above, but single-sided version, 80 Ω, with WK 250.07 coiled cable	Order # 445.177
DT 250 LTD	Studio headphone, 80 Ω, black, with limiter and cable.	Order # 497.924
DT 250 LTD	Studio headphone, 250 Ω, black, with limiter and cable.	Order # 497.142
DT 252 LTD	Single-ear studio headphone, 80 Ω, black, with limiter and cable	Order # 497.266



TECHNICAL SPECIFICATIONS

Transducer type	Dynamic
Operating principle	Closed
Transmission range	10 - 30,000 Hz
Nominal impedance	80 Ω
Nominal sound pressure level at 1 kHz.	100 dB SPL at 1 mW = 0.28 V to 80 Ω
T.H.D.	< 0.2%
Nominal power rating	100 mW = 118 dB = 2.8 V to 80 Ω
Sound coupling to the ear	Circumaural
Ambient noise insulation	approx. 16 dBA
Average pressure on ears.	4.5 N
Weight without cable	240 g (DT 250) 170 g (DT 252)
Cable length	3 m

OPTIONAL ACCESSORIES

K 190.00	Bare-ended cable	Order # 431.575
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SPARE PARTS

EDT 250 V	Ear pads, velours, circumaural	Order # 942.704
EDT 250 S	Ear pads, soft PVC, circumaural	Order # 943.549
WK 250.07	Coiled connecting cable with gold-plated mini stereo jack plug and 1/4" adapter (6.35 mm)	Order # 442.070
BN 59-59/A	Headband pad	Order # 503.886

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WIRING DIAGRAM

