

DT 48 A.00

Dynamic Audiometric Headphone

Order # 101.060

FEATURES

- Audiometric version according to DIN 45 620
- High quality transducer elements, selected in pairs
- Colour coded right/left designation
- Supra-aural rubber ear caps
- Straight open-ended cable fixed to the headphone

APPLICATIONS

The DT 48 A.00 is a special headphone for aural-acoustical investigations and measurements for ear, nose and throat specialists as well as at universities and research centres. The DT 48 A.00 features excellent ambient noise attenuation due to the closed design.

The matched transducer elements have an impedance of 5Ω per system and are carefully selected to achieve a maximum frequency response deviation of ± 1 dB. The coupling to the ear is supra-aural by utilising flat rubber ear caps. Easy lateral identification by means of coloured coded covers correspond to accepted standards. The cable is supplied bare-ended so that specialist connectors can be used.

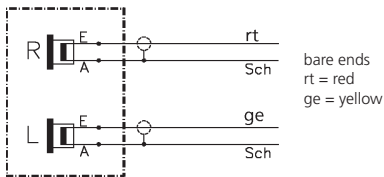


SPARE PARTS

EDT 48 R Rubber ear pads Order # 907.313
BN 59-17 Headband pad Order # 126.713

WIRING DIAGRAM

K 48.00

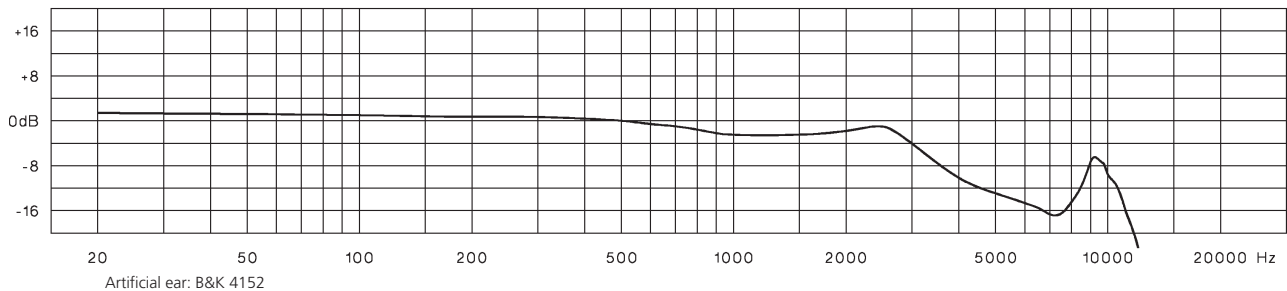


TECHNICAL SPECIFICATIONS

Transducer type Dynamic
Operating principle Closed
Frequency response 16 - 20,000 Hz
Nominal impedance $5 \Omega \pm 10\%$ per cartridge
Nominal output power 200 mW
Nominal SPL 110 dB_{SPL}
(500 Hz, 1 mW at 5Ω)
Nominal T.H.D at 1 kHz < 1%
Nominal headphone pressure 5 N
Isolation of ambient noise 12 dB(A)
Sound coupling to ear Supra-aural
Weight (without cable) 400 g
Colour identification Red cover = right
Blue cover = left
(all specifications acc. to EN 60 268-7)

FREQUENCY RESPONSE

Frequency response curve 0 dB $\hat{=}$ 110 dB_{SPL} DT 48 A.00



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