

# DT 100 / DT 102

Dynamic Studio Headphones

## FEATURES

- Modular construction for easy servicing
- Excellent ambient noise attenuation
- Rugged construction
- Wide frequency response
- High sensitivity
- High sound pressure capability

## APPLICATIONS

The DT 100 headphone is widely used in audio recording and monitoring applications in studios worldwide.

The DT 100 offers a high degree of wearing comfort and can be worn for hours without listener fatigue. The soft ear cushions effectively seal out ambient noise yet apply minimal pressure against the ear.

The DT 102 is the identical headphone to the DT 100 with the exception that it is a single-ear headphone. The DT 102 is used in broadcast work, recording, TV studio and theater applications where the monitoring of outside ambient information is necessary.



## VERSIONS

DT 100	400 $\Omega$ , grey, with K 100.07 cable	Order # 421.022
DT 100	same as above, but 16 $\Omega$	Order # 474.169
DT 100	400 $\Omega$ , black, with K 100.07 cable	Order # 421.464
DT 100	same as above, but 16 $\Omega$	Order # 474.177
DT 102	Single-ear version, 400 $\Omega$ , grey, with K 100.07 cable	Order # 421.561
DT 102	same as above, but 16 $\Omega$	Order # 474.185

## OPTIONAL ACCESSORIES

K 100.00	Straight cable, 3 m long, bare-ended	Order # 101.170
K 100.07	Straight cable, 3 m long, with 3-pole 1/4" stereo jack plug (6.35 mm)	Order # 101.753
WK 100.00	Coiled cable, 3 m long, bare-ended	Order # 101.788
WK 100.07	Coiled cable, 3 m long, with 3-pole 1/4" stereo jack plug (6.35 mm)	Order # 101.826

## SPARE PARTS

EDT 100 S	Ear pads, soft PVC, circumaural	Order # 407.003
EDT 100 P	Ear pads, plush, circumaural	Order # 445.576
EDT 100 T	Ear pads, cotton jersey, circumaural	Order # 445.854
BN 59-18/A	Headband pad for DT 100 series	Order # 108.715

## TECHNICAL SPECIFICATIONS

Transducer type	Dynamic
Operating principle	Closed
Frequency response	30 - 20,000 Hz
Nominal impedance	400 $\Omega$ $\pm$ 10% per system*
Nominal SPL	94 dB SPL
T.H.D.	< 1%
Power handling capacity	1000 mW (= 124 dB SPL)
Sound coupling to the ear	Circumaural
Average pressure on ears	4.5 N
Ambient noise isolation	20 dB(A)
Weight (without cable)	DT 100: 350 g / DT 102: 250 g

(all specifications according to EN 60268-7)

\*other impedances available

## WIRING DIAGRAMS

