

DT 48

Dynamic Studio Headphone



FEATURES

- Suitable for live broadcast and studio use
- Highly efficient transducers
- For accurate monitoring of all kinds of recordings
- Extremely comfortable

APPLICATIONS

The DT 48 is primarily designed for monitoring use in recording studios. It is also used in ENG/ EFP applications as part of the standard equipment of field engineers requiring exceptional performance to meet the need standards set by DAT and MiniDisc portable recorders. The DT 48 E, with single-sided cable is especially recommended for reporting applications. Long term comfort is achieved by the soft-feel headband and ear cushions which are filled with foam material while the fully adjustable headband ensures a good fit even on the most demanding locations. The fully enclosed ear cup eliminates ambient noise, essential for accurate monitoring.

VERSIONS

- DT 48 E 2 x 25 Ω , with single-sided
WK 48.07 coiled cable,
gold-plated mini stereo jack (3.5 mm)
and 1/4" stereo jack (6.35 mm)
adapter Order # 404.306
- DT 48 E 2 x 200 Ω , with single-sided
WK 48.07 coiled cable,
gold-plated mini stereo jack (3.5 mm)
and 1/4" stereo jack (6.35 mm)
adapter Order # 433.454

SPARE PARTS

- EDT 48 S Ear pads, soft PVC,
circumaural Order # 907.305
- BN 59-17 Headband pad Order # 126.713

TECHNICAL SPECIFICATIONS

Transducer type	Dynamic
Operating principle	Closed
Nominal frequency response	16 - 20,000 Hz
Nominal impedance	25 Ω / 200 Ω per cartridge
Nominal source impedance	120 Ω
Nominal output power	97 mW
Nominal SPL	105 dB _{SPL}
Nominal T.H.D.	< 1%
Power handling capacity	100 mW
Sound coupling to the ear	Circumaural
Isolation of ambient noise	12 dB(A)
Nominal headphone pressure	5 N
Weight (without cable)	400 g

(all specifications according to EN 60268-7)

WIRING DIAGRAM

