

DT 280 / DT 290

Headphone

| | |
|---------------------------------------|-------------------------------------|
| Transducer principle | Dynamic |
| Operating principle | Closed |
| Transmission range | 10 - 30,000 Hz |
| Nominal impedance | 80 Ω / 250 Ω / system |
| 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 = 120 dB = 2.8 V to 80 Ω |
| Ambient noise insulation | approx. 16 dBA |
| Average pressure on ears | 4.5 N |
| Weight without cable | 170 g (DT 280) 240 g (DT 290) |

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|--------------------------------------|----------------|----------------|
| Microphone | DT 280/290 | DT 290 V.11 |
| Transducer type | Dynamic | Dynamic |
| Frequency response | 40 - 12,000 Hz | 40 - 12,000 Hz |
| Polar pattern | Hypercardioid | Hypercardioid |
| Output voltage at a distance of 5 cm | approx. 3 mV | approx. 1.5 V |
| Nominal impedance | 200 Ω | 200 Ω |
| Load impedance | ≥ 1000 Ω | - |
| Current consumption | - | 8 - 56 mA |
| Weight | 40 g | |

Versions

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|-------------|--|-----------------|
| DT 290 | 200/80 Ω, with straight K 190.00 cable with bare ends, 1.5 m | Order # 442.917 |
| | same as above, but with 200/250 Ω | Order # 443.646 |
| DT 290 V.11 | 200/80 Ω, but with microphone pre-amp | Order # 442.925 |
| DT 280 | Single-sided version, 200/80 Ω, with straight K 190.00 cable with bare ends, 1.5 m | Order # 442.852 |
| DT 280 | same as above, but with 200/250 Ω | Order # 443.565 |
| DT 280.28 | Single-sided version, 200/250 Ω, with straight K 190.28 cable 4-pin XLR-female | Order # 445.282 |

Optional Accessories

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|-----------|---|-----------------|
| K 190.00 | Straight cable, 1.5 m, bare-ended | Order # 431.575 |
| K 190.00 | Straight cable, 3 m, bare-ended | Order # 441.937 |
| K 190.28 | Straight cable, 1.5 m, with 4-pin XLR-female | Order # 445.304 |
| K 190.40 | Straight cable, 1.5 m, with 3-pin XLR-male and 1/4" stereo jack | Order # 445.894 |
| K 190.40 | Straight cable, 3 m, with 3-pin XLR-male and 1/4" stereo jack | Order # 446.750 |
| K 190.41 | Straight cable, 1.5 m, with 5-pin XLR-male | Order # 445.312 |
| WK 190.00 | Coiled cable, bare-ended | Order # 448.176 |
| EDT 250 V | Ear pads, velours, black | Order # 442.704 |
| EDT 250 S | Ear pads, soft PVC | Order # 443.549 |
| WS 97 AZ | Wind / pop screen, charcoal-grey | Order # 465.313 |

DT 280 DT 290

DT 280



DT 290

Headsets with Dynamic Microphone

The DT 280 and DT 290 are the ideal lightweight, lowprofile headsets for broadcasting applications. The headphone is featuring an efficient neodymium magnet system, a very high reproduction precision and a balanced sound. Another special feature is the wide transmission range of 10 - 30,000 Hz. The soft circumaural earcups and the fully adjustable padded headband are extremely comfortable. The dynamic microphone can be optimally positioned with the flexible gooseneck. The hypercardioid polar pattern guarantees an extremely high-gain-before feedback and noise cancellation. If necessary the assembly of the microphone holder can be changed so that the microphone can be worn on the left or right side. (In shipping conditions it is assembled on the left side). The cables to the earcups and the microphone run safely in the headband. The connecting cable is single-sided and easy to change (plug-in type). All parts such as earpads, headband and gooseneck microphone are easy to replace.

Features

- Closed headphone
- Neodymium magnet system for accurate reproduction
- Soft, circumaural ear pads
- Very good ambient noise attenuation
- Single-sided, plug-in type connecting cable
- DT 280 single-sided headset

