

# DT 287

## Single-Ear Headset for Unite

CONFERENCE



### Description

The DT 287 from Televic is a professional, wired single-ear headset for a two-way communication with the wireless Unite DECT communication system. The headset allows the user to listen and speak simultaneously when using a Unite TP or Unite RP-T bodypack device via a single connection. For example, it can be used for guided tours, intercom or wireless microphone applications. The headset is immune to interference from DECT and mobile phones. The rotating microphone boom can be flexibly adjusted so that the headset can be circumaurally worn on the left or right ear.

### Features

- » Broadband audio transmission
- » Noise-cancelling back-electret condenser microphone
- » Optimised for DECT communication systems and bodypack devices
- » Adjustable ear cup and pad for optimum fit
- » Flexible microphone boom
- » Soft ear pads
- » Including pop/wind shield

### Specifications

|                        |                                |
|------------------------|--------------------------------|
| Connection             | 3.5 mm jack (straight, 4-pole) |
| Pin assignment         | CTIA <div> </div>              |
| Cable length           | 90 cm                          |
| Weight (without cable) | 190 g                          |

### Headphone

|                                       |                     |
|---------------------------------------|---------------------|
| Frequency response                    | 10 - 30,000 Hz      |
| Nominal impedance                     | 80 Ω                |
| Ear cushion material                  | Covered with velvet |
| Ear pad attachment                    | Detachable          |
| Transducer type                       | Dynamic             |
| Operating principle                   | Closed              |
| Nominal sound pressure level at 1 kHz | 100 dB              |
| T.H.D                                 | < 0.2%              |
| Ambient noise attenuation             | Approx. 16 dBA      |
| Average pressure on ears              | 5.7 N               |

### Microphone

|                          |                                        |
|--------------------------|----------------------------------------|
| Flexible microphone boom | Yes, flexible, adjustable 310°         |
| Transducer type          | Condenser (back-electret)              |
| Polar pattern            | Cardioid                               |
| Frequency response       | 40 - 20,000 Hz                         |
| Open circuit voltage     | -43 dBV/Pa (measured with 3 V; 3.3 kΩ) |
| Max. SPL                 | 126 dB SPL                             |
| Signal-to-noise ratio    | 67 dBA (1 kHz, 1 Pa)                   |
| Power supply voltage     | 2 - 9 V                                |
| Output impedance         | 1.8 kΩ                                 |
| Power consumption        | 0.6 mA                                 |

### Dimensions

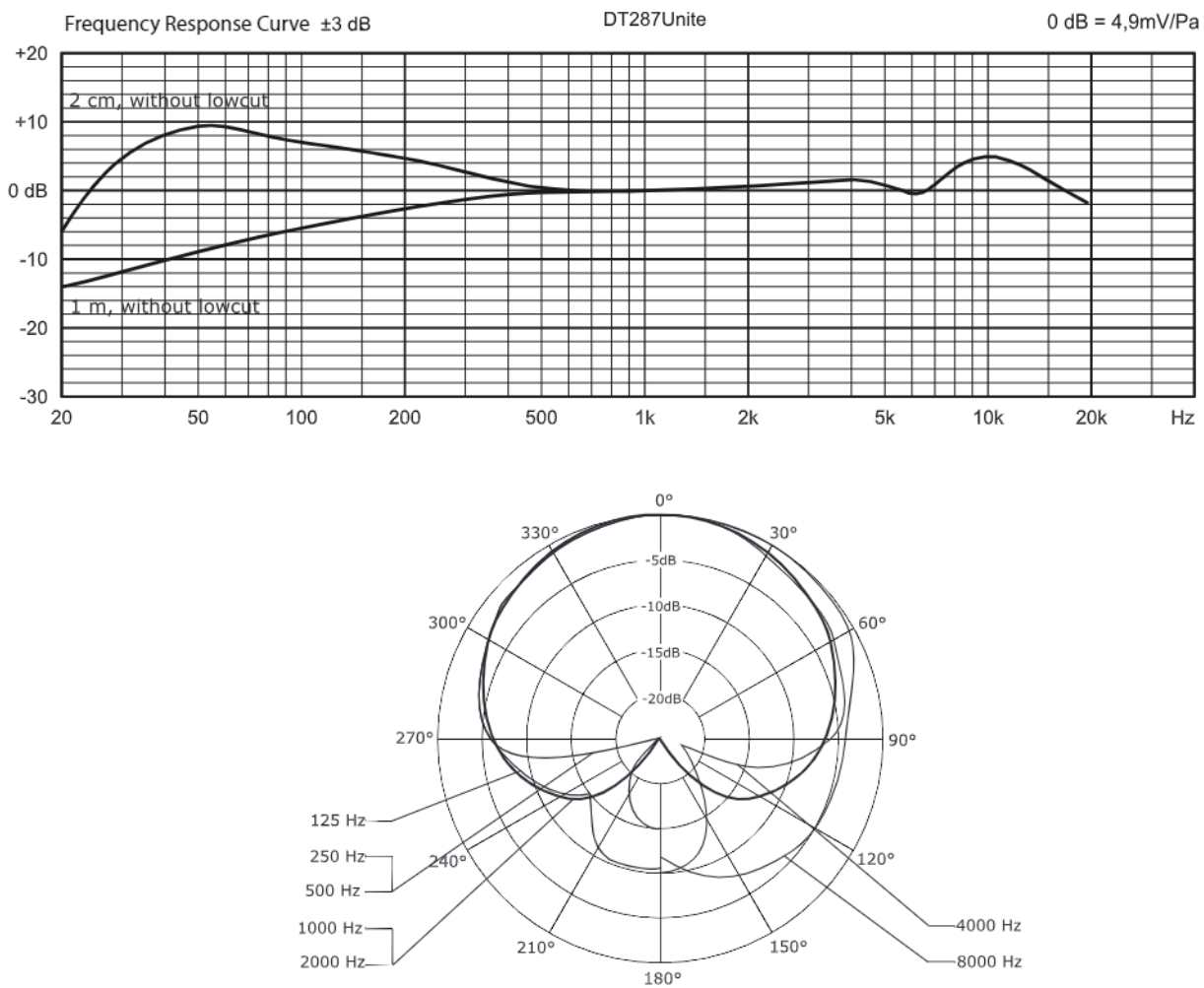
|                  |        |
|------------------|--------|
| Gooseneck length | 130 mm |
| Capsule diameter | 13 mm  |

## Versions

- » **DT 287 - Ref. 71.04.0163:** Single-ear headset, with back electret condenser microphone, flexible and rotating microphone boom incl. detachable 0.9 m cable with mini jack connector (3.5 mm) (4-pole, CTIA)

## Frequency Response & Polar Pattern

This polar pattern and frequency response curve ( $\pm 2.5$  dB) correspond to a typical production sample for this microphone.



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