

## Technical Data Sheet

### TECPRO 300 SERIES HEADSET

**27-310** TECPRO SMH310 Single muff headset

**27-320** TECPRO DMH320 Dual muff headset

**27-323** TECPRO DMH320 Dual muff headset (XLR 5 pin connector)

#### 300 SERIES

**SMH 310 – Single Muff**

**DMH 320 – Dual Muff**

#### FEATURES

- Robust construction, flexible composite material
- Hidden fixings hinder tampering but allows repairs
- Broadcast quality noise cancelling mic
- Swivel boom mic arm allows left or right handed use
- Swivel boom mic arm switches off mic when upright
- Soft comfortable earpad/headband cushions
- Dual chamber foam filled ear shells
- Wide, smooth response for reduced listening fatigue
- Steel core cable for extra strength
- Full range of spare parts available

#### WIRING CONVENTIONS

##### XLR 4 pin female:

- Pin 1 Microphone earth/screen
- Pin 2 Microphone signal
- Pin 3 Earphones earth/screen
- Pin 4 Earphones signal

*The following for BP116 & BP117 Dual Circuit Binaural Tecpro Beltpacks only.*

##### XLR 5 pin female:

- Pin 1 Microphone earth/screen
- Pin 2 Microphone signal
- Pin 3 Earphones earth/screen
- Pin 4 Left earphone signal
- Pin 5 Right earphone signal



#### TECHNICAL SPECIFICATION (200 & 300 SERIES)

##### Headphone

Nominal impedance:	400 ohm each at 1kHz
Frequency response:	40 – 14,400Hz
Sensitivity:	94dB s.p.l. for 1mW
Distortion:	Less than 0.5% at 1kHz
Max. rated power:	0.5 watts

##### Microphone

Type:	Dynamic, uni-directional
Nominal impedance:	200 ohm at 1kHz
Frequency response:	40 - 15,000Hz
Front to back rejection:	>15dB
Close talking sensitivity:	≥3mV
Boom arm rotation:	300°
Mic Switch:	Single Pole Double Throw (Mic off when boom upright)

##### Approx. weight

SMH 310	240g
DMH 320	365g

##### Cable

1.5m steel braced.

**SPARE PARTS**

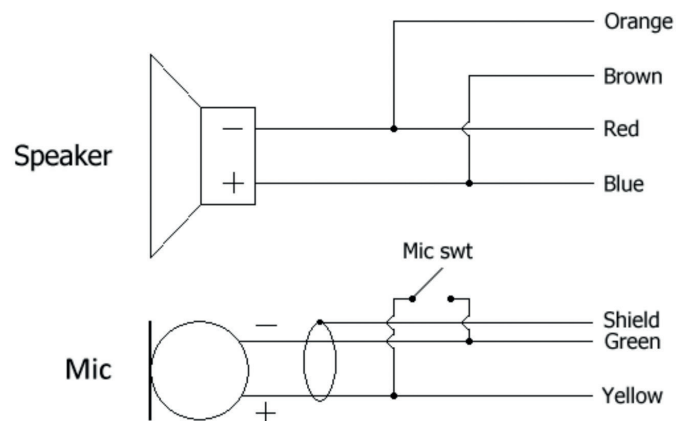
For details and pricing of 300 series spares browse to:  
<https://www.canford.co.uk/CANFORD-HEADPHONE-AND-HEADSET-SPARE-PARTS-300-Series>

**DMH 310 – WIRING SCHEMATIC**

**XLR 4 pin female:**

- Pin 1 Shield/Green
- Pin 2 Yellow
- Pin 3 Red/Orange
- Pin 4 Blue/Brown

Grey not used



**DMH 320 – WIRING SCHEMATIC**

**XLR 4 pin female:**

- Pin 1 Shield/Green
- Pin 2 Yellow
- Pin 3 Orange/Red
- Pin 4 Brown/Blue

**XLR 5 pin female:**

- Pin 1 Shield/Green
- Pin 2 Yellow
- Pin 3 Orange/Red
- Pin 4 Brown
- Pin 5 Blue

