



## CANFORD 300 SERIES HEADSETS

**54-310** Canford SMH310U Single Earpiece Headset

**54-320** Canford DMH320U Dual Earpiece Headset

**54-321** Canford DMH320RT Dual Earpiece Headset

### DESCRIPTION

Robust but flexible construction made from composite material. Hidden fixings hinder tampering, but still allowing access for maintenance and repairs.

Broadcast quality noise cancelling mic mounted on a swivel boom mic arm allowing left or right-handed use. Swivel boom mic arm switches off mic when in an upright position.

Soft comfortable earpad/headband cushions. Dual chamber foam filled ear shells. The earpieces deliver a wide, smooth response for reduced listening fatigue. Steel core cable for extra strength.

The SMH310U and DMH320U headsets are supplied unterminated. DMH320RT supplied fitted with XLR 3-pin male for the microphone and 3 pole A-gauge plug, wired stereo for the earpieces.

Full range of spare parts available.

### WIRING DETAILS

#### 54-310 SMH310U Single Earpiece headset

Function	Wire colour
Earpiece +	Blue/Brown
Earpiece –	Red/Orange
Mic +	Yellow
Mic –	Green
Mic Screen	Copper strands

#### 54-320 SMH320U Dual Earpiece headset

Function	Wire colour
Earpiece Left +	Brown
Earpiece Left –	Orange
Earpiece right +	Blue
Earpiece right -	Red
Mic +	Yellow
Mic –	Green
Mic Screen	Copper strands

#### 54-321 SMH320RT Dual Earpiece headset

Function	Wire colour	Terminal
Earpiece Left +	Brown	Jack Tip
Earpiece right +	Blue	Jack Ring
Earpiece Common -	Orange&Red	Jack Sleeve
Mic +	Yellow	XLR pin 2
Mic –	Green	XLR pin 3
Mic Screen	Copper strands	XLR Pin 1



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### SPARE PARTS

For details and pricing of 300 series spares browse to:

<https://www.canford.co.uk/CANFORD-AND-TECPRO-HEADPHONE-AND-HEADSET-SPARE-PARTS-300-Series>

### TECHNICAL SPECIFICATION

#### HEADPHONES:

	<b>SMH310U</b>	<b>DMH320U/DMH320RT</b>
Type:	dynamic transducer	dynamic transducer
Frequency response:	40-14,400Hz	40-14,400Hz
Nominal impedance:	400Ω/earpiece	400Ω/earpiece
Sound pressure level:	≥94dB	≥94dB
Continuous power rating:	100mW (DIN 45582)	100mW (DIN 45582)
External noise isolation:	>18dBA	>25dBA
Weight (w/o cable):	240g	365g

#### MICROPHONE:

Transducer type:	dynamic moving coil	dynamic moving coil
Frequency response:	40-15,000Hz	40-15,000Hz
Polar pattern:	Cardioid noise rejecting	Cardioid noise rejecting
Nominal impedance:	200Ω balanced	200Ω balanced
Front to back ratios:	>15dB	>15dB
Close talking sensitivity:	≥3mV	≥3mV
Boom ratio:	300°	300°
Mic switch:	s.p.d.t. microswitch mutes microphone when boom is upright	

#### Cable:

Length of cable:	1.80m	1.80m
Termination:	unterminated	DMH320U - Unterminated DMH320RT Mic - 3 pin XLRM DMH320RT Earpieces - A-gauge Jack