



## Technical Data Sheet

### CANFORD 200 SERIES HEADPHONES & HEADSETS

**54-205** CANFORD DMH205 HEADPHONES

**54-210** CANFORD SMH210U HEADSET Single ear

**54-220** CANFORD DMH220U HEADSET

**54-4665** CANFORD DMH265 HEADPHONES With black armoured cable

**54-4666** CANFORD DMH265SS HEADPHONES With stainless steel armoured cable

#### DESCRIPTION

##### DMH205 headphones

Heavy duty “closed ear” general purpose or studio headphones. Very robust construction. Hidden fixings hinder tampering whilst allowing easy repairs.

The 2 metre cable has steel conductors, (with tinned ends), for extra strength fitted with a robust 3 pole A-gauge plug.

##### DMH265 headphones

These headphones are a special variant of the long-established DMH205 headphones. They are designed specifically for ‘listening post’ applications in museums, learning centres and other applications where the headphones will be captive as part of the installation. They have 1.2 metre length of flexible metal-spiral reinforced cable over-moulded in black plastic, then a 200mm non-reinforced section terminated in a right-angle 3.5mm 3-pole jack plug for connection to equipment behind a panel.

##### SMH 210U & DMH220U headsets

Heavy duty single, (SMH210) or dual muff, (DMH220), headset combination. Robust construction with dynamic microphone on a moulded enclosed flexible mic boom. Supplied with unterminated 1.5m steel cable with tinned ends.

#### WIRING DETAILS

##### 54-205 DMH205 headphones

##### 54-4665 DMH265 headphones black armoured

##### 54-4666 DMH265SS headphones steel armoured

##### Connector:

DMH205 3-pole, ‘A’ gauge jack, 6.35mm

DMH2665 3-pole, Right-angled Jack, 3.5mm

| Function         | Wire colour | Terminal |
|------------------|-------------|----------|
| Earpiece left +  | Yellow      | Tip      |
| Earpiece right + | Grey        | Ring     |
| Common -         | Brown       | Sleeve   |

##### 54-210 SMH210U headset

| Function   | Wire colour  |
|------------|--------------|
| Earpiece + | Yellow       |
| Earpiece – | Brown        |
| Mic +      | Red          |
| Mic –      | Screen, blue |
| Unused     | Grey         |

##### 54-220 DMH220U headset

| Function          | Wire colour  |
|-------------------|--------------|
| Earpiece left +   | Yellow       |
| Earpiece right +  | Grey         |
| Earpiece common – | Brown        |
| Mic +             | Red          |
| Mic –             | Screen, blue |

*(Pre Feb 2014 ‘Common –’ would have been Blue for all of the above, Blue not used for ‘Mic Screen’)*

#### SPARE PARTS

For details and pricing of 200 series spares browse to:  
<https://www.canford.co.uk/CANFORD-AND-TECPRO-HEADPHONE-AND-HEADSET-SPARE-PARTS-200-Series>



## TECHNICAL SPECIFICATION

### DMH205, DHM265, DMH265SS Headphones

#### Headphone

|                        |   |
|------------------------|---|
| Impedance:             | 400 ohms                                |
| Frequency response:    | 20 – 20,000Hz                           |
| Maximum input level:   | 100mW                                   |
| Output sensitivity:    | >102dB                                  |
| Cable length:          | 2m (DMH205)<br>1.4m (DMH265/DMH265SS)   |
| DMH265 Cable Armour:   | Galvn Steel/Black Plastic Film          |
| DMH265SS Cable Armour: | Stainless Steel                         |
| Weight:                | 220g (DMH205)<br>320g (DMH265/DMH265SS) |

#### All Models

|                    |                  |
|--------------------|------------------|
| Storage temp:      | -20°C to +90°C   |
| Operating temp:    | -20°C to +90°C   |
| Typical materials: | Polyethelene EVA |
| Cable Type:        | Steel braid      |

### DMH220, SHM210 Headsets

#### Headphone

|                      |                                   |
|----------------------|-----------------------------------|
| Impedance:           | 400 ohms                          |
| Frequency response:  | 40 – 14,400Hz                     |
| Maximum input level: | 100mW                             |
| Output sensitivity:  | 98dB                              |
| Cable length:        | 1.5m                              |
| Weight:              | 200g (SMH2100U)<br>280g (DMH220U) |
| Microphone Type:     | Dynamic                           |
| Impedance:           | 200 ohms                          |
| Frequency response:  | 90 – 10000Hz                      |