



TECHNICAL DATA SHEET

CANFORD HEADPHONES AND HEADSETS

HEADPHONES

54-205 DMH205 HEADPHONES

54-206 DMH205B HEADPHONES

54-207 DMH205U HEADPHONES

54-285 DMH285 HEADPHONES

54-286 DMH285B HEADPHONES

54-287 DMH285M HEADPHONE

HEADPHONE WIRING DETAILS

54-205 DMH205 headphones

Connector: 3-pole, 'A' gauge jack, 6.35mm

Function	Wire colour	Terminal
Earpiece left +	Yellow	Tip
Earpiece right +	Red	Ring
Earpiece left –	Grey *	Sleeve
Earpiece right –	Blue *	Sleeve

(* on some models may be 1 common blue wire)

54-285 DMH285 headphones

Connector: 3-pole, 'A' gauge jack, 6.35mm

Function	Wire colour	Terminal
Earpiece left +	Yellow	Tip
Earpiece right +	Red	Ring
Earpiece left –	Grey*	Sleeve
Earpiece right –	Blue*	Sleeve

(* on some models may be 1 common brown wire)

54-206 DMH205B headphones

Connector: 'B' gauge jack plug

Function	Wire colour	Terminal
Earpiece left +	Yellow	Tip
Earpiece right +	Red	Ring
Earpiece left –	Grey*	Sleeve
Earpiece right –	Blue*	Sleeve

(* on some models may be 1 common blue wire)

54-286 DMH285B headphones

Connector: 'B' gauge jack plug

Function	Wire colour	Terminal
Earpiece left +	Yellow	Tip
Earpiece right +	Red	Ring
Earpiece left –	Grey*	Sleeve
Earpiece right –	Blue*	Sleeve

(* on some models may be 1 common brown wire)

54-207 DMH205U headphones

Connector: No connector

Function	Wire colour
Earpiece left +	Yellow
Earpiece right +	Red
Earpiece left –	Grey*
Earpiece right –	Blue*

(* on some models may be 1 common blue wire)

54-287 DMH285M headphones

Connector: 3.5mm mini-jack plug

Function	Wire colour	Terminal
Earpiece left +	Yellow	Tip
Earpiece right +	Red	Ring
Earpiece left –	Grey*	Sleeve
Earpiece right –	Blue*	Sleeve

(* on some models may be 1 common brown wire)



TECHNICAL DATA SHEET

HEADPHONES TECHNICAL SPECIFICATION

DMH205, DHM205B, DMH205U

Impedance:	400 ohms
Frequency response:	20 – 20000Hz
Maximum input level:	100mW Maximum input
Output sensitivity:	>102dB
Cable length:	2m
Weight:	220g

DMH285, DMH285B, DMH285M

Impedance:	300 ohms
Frequency response:	10 – 33400Hz
level:	100mW
Output sensitivity:	>98dB
Cable length:	3m
Weight:	220g

HEADSETS

54-220 DMH220U HEADSET

54-250 DMH250 HEADSET

54-320 DMH320U HEADSET

54-310 SMH310U HEADSET

54-321 DMH320RT HEADSET

54-325 DMH325U HEADSET

54-210 SMH210U HEADSET

54-130 SMH130U HEADSET

HEADSET WIRING DETAILS

54-220 DMH220U headset

Connector: No connector

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

Mic +	Yellow
Mic –	Green
Mic screen	Screen

54-210 SMH210U headset

Connector: No connector

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

54-310 SMH310U headset

Connector: No connector

Function	Wire colour
Earpiece left +	Brown/Blue
Earpiece left –	Orange/Red
Mic +	Yellow
Mic –	Green
Mic screen	Screen

54-321 DMH320RT headset

Connectors: Mic: XLR 3-pin Male

Earpieces: 3-pole, A gauge jack, 6.35mm

Function	Wire colour
Earpiece left +	Brown
Earpiece right +	Blue
Earpiece left –	Orange
Earpiece right –	Red
Mic +	Yellow
Mic –	Green
Mic Screen	Screen

54-320 DMH320U headset

Connector: No connector

Function	Wire colour
Earpiece left +	Brown
Earpiece right +	Blue
Earpiece left –	Orange
Earpiece right –	Red



TECHNICAL DATA SHEET

54-325 DMH325U headset

Connector: No connector

Function	Wire colour
Earpiece left +	Brown
Earpiece right +	Blue
Earpiece left –	Orange
Earpiece right –	Red
Mic +	Yellow
Mic –	Green
Mic Screen	Screen

54-250 DMH250 headset

Connector: USB

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

54-130 SMH130U headset

Connector: No connector

Function	Wire colour
Earpiece +	Grey
Earpiece –	Black
Mic +	Grey
Mic –	Screen

HEADSETS TECHNICAL SPECIFICATION

DMH220, SHM210

HEADPHONE

Impedance:	400 ohms
Frequency response:	40 – 14400Hz
Maximum input level:	100mW
Output sensitivity:	98dB
Cable length:	1.5m
Weight:	280g (DMH220), 200g (SHM210)

MICROPHONE

Type:	Dynamic
Impedance:	200 ohms
Frequency response:	90 – 10000Hz

DMH325U

HEADPHONE

Impedance:	400 ohms
Frequency response:	16 – 10000Hz
Maximum output level:	100mW
Output sensitivity:	94dB
Cable length:	1.8m
Weight:	350g

MICROPHONE

Type:	Electret condenser
Impedance:	600 ohms
Frequency response:	35 – 15000Hz
Supply voltage:	12 – 48V phantom power

DMH320U, SMH310U, DMH320RT

HEADPHONE

Impedance:	400 ohms
Frequency response:	16 – 10000Hz
Maximum input level:	100mW
Output sensitivity:	94dB
Cable length:	1.8m
Weight:	350g (DMH320U), (DMH320RT) 220g (SMH310U)

MICROPHONE

Type:	Dynamic
Impedance:	200 ohms
Frequency response:	40 – 15000Hz

DHM250

As DMH220 except earpiece impedance
2 x 100 ohms

SMH130

HEADPHONE: 150 ohms

SMH130U Mic:	150 ohm dynamic
SMH130M Mic:	800 ohm electret

All types (Except SMH130U)

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