

## HM 4042 Handheld Microphone

- Handheld microphone for the DIS DCS 6000 system
- LED ring clearly indicates when microphone is active
- Operational as an ambient sound source for improved headphone monitoring of the conference



---

### Description

The HM 4042 is a hand-held conference microphone for the DIS DCS 6000 system. This microphone is designed for use with the DIS series of conference units MU 604x or ambient unit AM 6040. The applications for this microphone include press halls, auditoriums, etc. where the users are standing up, or where the microphone has to be hidden when not in use.

The microphone is designed for clear speech with a low-noise condenser capsule and reduces feedback with a cardioid polar pattern. The capsule is acoustically and mechanically isolated to prevent mechanical noise from the table being picked up by the microphone.

The HM 4042 has a large illuminated ring at the microphone tip to indicate when the microphone is on. A switch is used for switching the microphone on/off or for adding the unit to the request queue. The microphone provides a professional 6-pin XLR plug for either a spiral or straight cable.

### Features

The HM 4042 has the following standard features:

- LED ring indicator
- Cardioid pattern
- Back-electret condenser microphone capsule
- Double rubber suspended capsule
- High close talk SPL level
- Low noise capsule
- Two function switch
- Two color LED

# Specifications

## Electrical

<b>Frequency response</b>	90 Hz to 15 kHz ( $\pm 3$ dB)
<b>Impedance</b>	2 kOhms @ 1 kHz
<b>Sensitivity</b>	-68 dB $\pm$ 1 dB/ $\mu$ Bar at 1 kHz (0 dB=1 V/ $\mu$ Bar)
<b>THD</b>	<0.1%
<b>Signal-to-noise Ratio</b>	<60 dBA
<b>Maximum Input</b>	138 dB SPL with 3% distortion
<b>Power Requirements</b>	Powered by AM/MU 6040x
<b>Power Consumption</b>	1.5 to 9 VDC

## Mechanical

<b>Connector</b>	6-pin XLR male
<b>Dimensions (H x Dia.)</b>	160 x 23 mm
<b>Color</b>	Black
<b>Weight</b>	0.4 kg
<b>Temperature range</b>	5° to 40° C

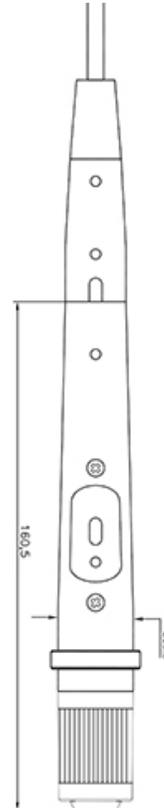
## Certifications

The DCS 6000 system conforms to standard IEC 60914.

# How To Order

Handheld microphone. With speak request button and light ring.	<b>HM 4042</b>
2m 6-pin XLR-f to 15HD-sub-m spiral cable.	<b>EC 4004-02</b>
3m 6-pin XLR-f to 15HD-sub-m spiral cable.	<b>EC 4006-03</b>

## Drawing



**SHURE**<sup>®</sup>  
LEGENDARY  
PERFORMANCE™

United States, Canada,  
Latin America, Caribbean:  
Shure Incorporated  
5800 West Touhy Avenue  
Niles, IL 60714-4608 USA

Phone: +1 847-600-2000  
Fax: +1 847-600-1212 (USA)  
Fax: +1 847-600-6446  
Email: info@shure.com  
www.shure.com

Europe, Middle East, Africa:  
Shure Europe GmbH  
Jakob-Dieffenbacher-Str. 12,  
75031 Eppingen, Germany

Phone: +49-7262-92490  
Fax: +49-7262-9249114  
Email: info@shure.de  
www.shure.eu

Asia, Pacific:  
Shure Asia Limited  
22/F, 625 King's Road  
North Point, Island East  
Hong Kong

Phone: +852-2893-4290  
Fax: +852-2893-4055  
Email: info@shure.com.hk  
www.shureasia.com