









Peripheral equipment and accessories

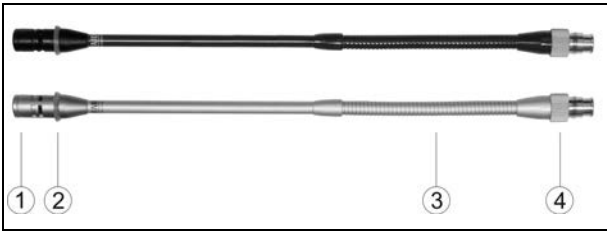
6.1 Microphone

Type	MSxxEGF1	MS33EGFS	MSxxEGA1	MSxxEGB1	MSxxEGE1	MSxxEGG1B	MSxxEGF2B	MSxxEHA1B
Picture								
Length (cm)	33/41/47	33	33/41/47	33/41/47	41	33/41/47	50/60/70	33/41/47
Color	Champagne /Black					Black		Black
Windshield	MIC-CAPM (Lockable)	MIC-CAPM (Lockable)	-	-	-	lockable windshield	MIC-CAPM (Lockable)	MIC-CAPH_B
Indicator	Bi-color illuminated ring							
Mic. Type	Uni-directional Electret-condenser							14 mm uni-directional Electret condenser
Sensitivity	-46 dB at 680 Ohm (0 dB = 1 V/Pa at 1 kHz)							-37 dB at 680 Ohm (0 dB = 1 V/Pa at 1 kHz)
Frequency response	50 Hz to 20 kHz							20 Hz to 20 kHz
Directivity 0°/180°	≥20 dB (1 kHz)							≥ 20 dB (1 kHz)
Equivalent noise	20 dBA (SPL)							20 dBA (SPL)
Max. SPL.	125 dB (THD<3%)							139 dB (THD<3%)

Reference	Length (cm)	Color	Type of protection on the cap		Capsule type	Bending axis
			interchangeable foam	fixed metal grid		
MS33EGB1S	33	light steel grey		X	standard	1
MS33EGB1B	33	black		X	standard	1
MS41EGB1S	41	light steel grey		X	standard	1
MS41EGB1B	41	black		X	standard	1
MS47EGB1S	47	light steel grey		X	standard	1
MS47EGB1B	47	black		X	standard	1
MS33EGF1S	33	light steel grey	X		standard	1
MS33EGF1B	33	black	X		standard	1
MS41EGF1S	41	light steel grey	X		standard	1
MS41EGF1B	41	black	X		standard	1
MS47EGF1S	47	light steel grey	X		standard	1
MS47EGF1B	47	black	X		standard	1
MS50EGF2B	50	black	X		standard	2
MS60EGF2B	60	black	X		standard	2
MS70EGF2B	70	black	X		standard	2
MS33EGA1S	33	black	X		broadcast	1
MS33EGA1B	33	light steel grey	X		broadcast	1
MS41EGA1S	41	black	X		broadcast	1
MS41EGA1B	41	light steel grey	X		broadcast	1
MS47EGA1S	47	black	X		broadcast	1
MS47EGA1B	47	light steel grey	X		broadcast	1

Microphones Technical Specifications

- Removable stem microphone

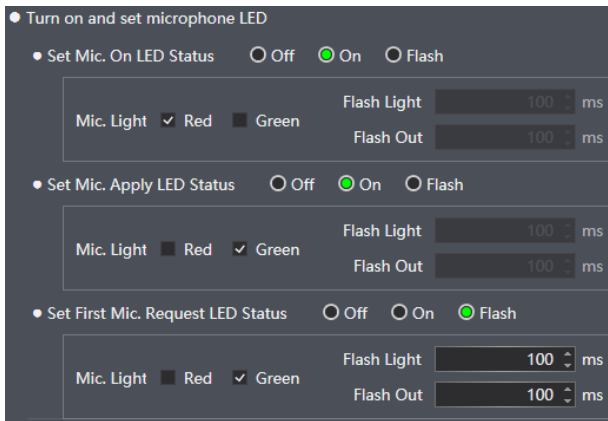


Functions and instructions:

1. Electret condenser cardioid microphone
2. Two-color microphone on/off LED ring (default)

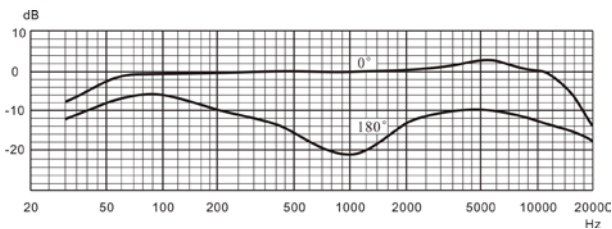
Work state	Indicating light of LED ring
Microphone On	Red (on)
Speaking time limit	Red (flash)
First in request list	Green (flash)
Not first in request list	Green (on)

Note: The LED ring state can be set by conference management software or main unit webpage.

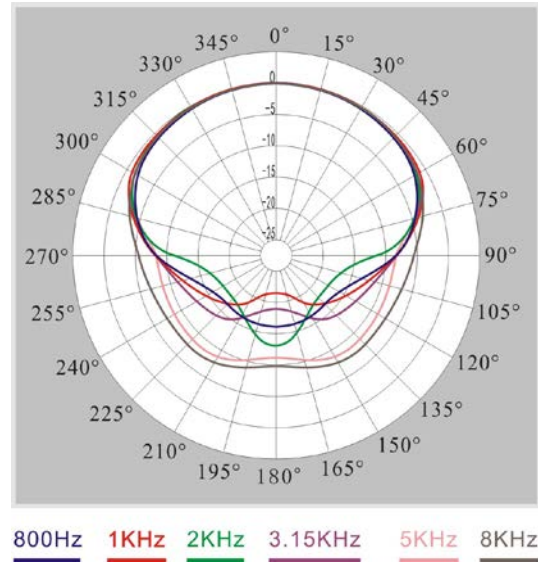


3. Metal stem with goose-neck to adjust angle and direction freely
4. Socket with screw thread. The stem microphone can be removed and collected during the adjournment

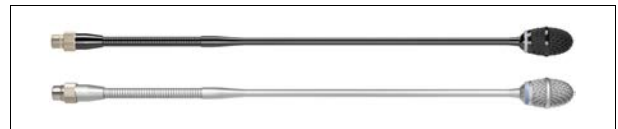
Frequency:



Direction:



- MSXXEGB series pluggable stem microphone



- MSXXEGF series pluggable stem microphone



- M-style Foam Windshield (MSXXEGF series)



HCS-1020 Clip Microphone



Features

- Stylish and ergonomic design
- Excellent immunity to RF interferences from mobile phones
- Ø 3.5 mm stereo plug with a 1.5-meter cable

Technical Specifications

Electrical

Transducer.....Electret-condenser
 Polar pattern.....Uni-directional
 Operating voltage.....5 VDC
 Sensitivity.....-46 dBA at 680 Ohm (0 dB = 1 V/Pa at 1 kHz)
 Frequency response.....30 Hz to 20 kHz
 Input impedance.....2 kOhm
 Directivity 0°/180°.....> 20 dB (1 kHz)
 Equivalent noise.....20 dBA (SPL)
 Maximum sound pressure level.....125 dB (THD<3%)

Mechanical

Dimensions (h x w x d).....51 x 25 x 13 mm
 Weight.....3 g
 Color.....Black

Ordering Information

HCS-1020.....Clip Microphone

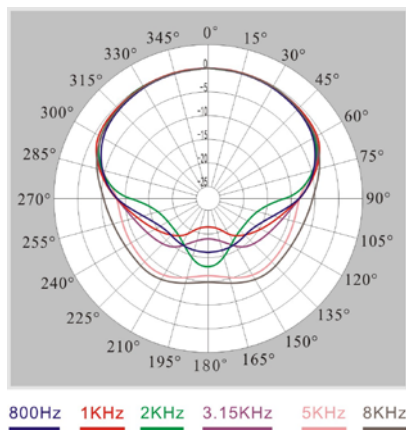
MSxxEGF2B Stem Microphone



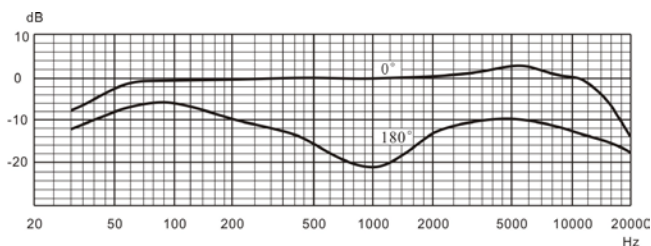
Features

- With dual-flex gooseneck arm
- Broadcast quality microphone
- With bi-color illuminated ring (green/red)
- With lockable windshield
- For HCS-4100, HCS-4800, HCS-5300, HCS-8300 and HCS-8600 series Congress Unit
- Optional

Polar pattern



Frequency response



Technical Specifications

Electrical

Transducer..... Electret-condenser
 Polar pattern..... Uni-directional
 Operating voltage..... 5 VDC
 Sensitivity..... -46 dBA at 680 Ohm (0 dB = 1 V/Pa at 1 kHz)
 Frequency response..... 50 Hz to 20 kHz
 Input impedance..... 2 kOhm
 Directivity 0°/180°..... ≥ 20 dB (1 kHz)
 Equivalent noise..... 20 dBA (SPL)
 Maximum sound pressure level..... 125 dB (THD<3%)

Mechanical

Length..... 50 cm, 60 cm, 70 cm
 Color..... Black (PANTONE 419 C)

Ordering Information

- MS50EGF2B..... Stem Microphone (50 cm, dual-flex gooseneck arm, broadcast quality microphone, with bi-color illuminated ring and lockable windshield, for HCS-4100, HCS-4800, HCS-5300, HCS-8300 and HCS-8600 series, optional, black)
- MS60EGF2B..... Stem Microphone (60 cm, dual-flex gooseneck arm, broadcast quality microphone, with bi-color illuminated ring and lockable windshield, for HCS-4100, HCS-4800, HCS-5300, HCS-8300 and HCS-8600 series, optional, black)
- MS70EGF2B..... Stem Microphone (70 cm, dual-flex gooseneck arm, broadcast quality microphone, with bi-color illuminated ring and lockable windshield, for HCS-4100, HCS-4800, HCS-5300, HCS-8300 and HCS-8600 series, optional, black)

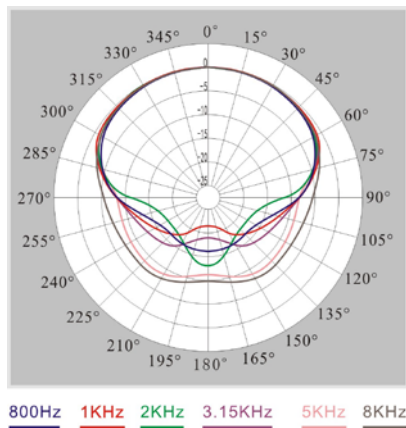
MS33EGFS Stem Microphone



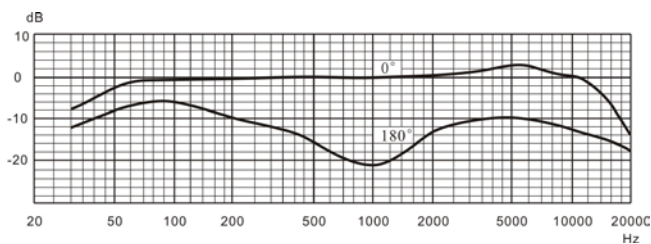
Features

- With fully flexible gooseneck arm
- Broadcast quality microphone
- With bi-color illuminated ring (green/red)
- With lockable windshield
- MS33EGFSB: for HCS-9385 RSI interpreter unit

Polar pattern



Frequency response



Technical Specifications

Electrical

Transducer.....Electret-condenser
 Polar pattern.....Uni-directional
 Operating voltage.....5 VDC
 Sensitivity.....-46 dBA at 680 Ohm (0 dB = 1 V/Pa at 1 kHz)
 Frequency response.....50 Hz to 20 kHz
 Input impedance.....2 kOhm
 Directivity 0°/180°.....≥ 20 dB (1 kHz)
 Equivalent noise.....20 dBA (SPL)
 Maximum sound pressure level.....125 dB (THD<3%)

Mechanical

Length.....33 cm
 Color.....Black (PANTONE 419 C)

Ordering Information

MS33EGFSB.....Stem Microphone (33 cm, flexible gooseneck arm, broadcast quality microphone, with bi-color illuminated ring and lockable windshield, for HCS-9385 RSI interpreter unit, black)

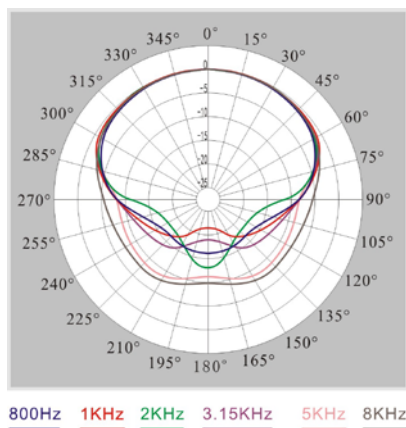
MSxxEHA1B Stem Microphone



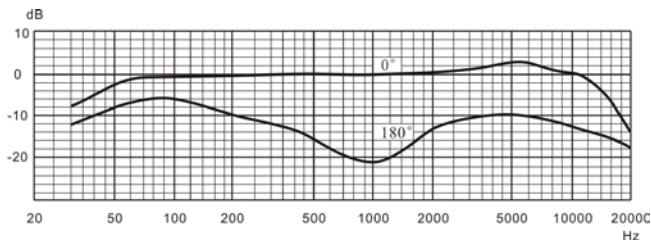
Features

- With semi-rigid gooseneck arm
- Broadcast quality microphone
- 14 mm uni-directional electret condenser microphone
- With bi-color illuminated ring (green/red)
- With windshield
- For HCS-4100, HCS-4800, HCS-5300, HCS-8300 and HCS-8600 series Congress Unit
- Optional

Polar pattern



Frequency response



Technical Specifications

Electrical

Transducer.....Electret-condenser
 Polar pattern.....Uni-directional
 Operating voltage.....5 VDC
 Sensitivity.....-37 dBA at 680 Ohm (0 dB = 1 V/Pa at 1 kHz)
 Frequency response.....20 Hz to 20 kHz
 Input impedance.....2 kOhm
 Directivity 0°/180°.....≥ 20 dB (1 kHz)
 Equivalent noise.....20 dBA (SPL)
 Maximum sound pressure level.....139dB (THD<3%)

Mechanical

Length.....33 cm, 41 cm, 47 cm
 Weight.....110 g, 117 g, 124 g
 Color.....Black (PANTONE 419 C)

Ordering Information

MS33EHA1B.....Stem Microphone (33 cm, semi-rigid gooseneck arm, broadcast quality microphone, 14 mm uni-directional electret condenser microphone, with bi-color illuminated ring and windshield, for HCS-4100, HCS-4800, HCS-5300, HCS-8300 and HCS-8600 series, optional, black)

MS41EHA1B.....Stem Microphone (41 cm, semi-rigid gooseneck arm, broadcast quality microphone, 14 mm uni-directional electret condenser microphone, with bi-color illuminated ring and windshield, for HCS-4100, HCS-4800, HCS-5300, HCS-8300 and HCS-8600 series, optional, black)

MS47EHA1B.....Stem Microphone (47 cm, semi-rigid gooseneck arm, broadcast quality microphone, 14 mm uni-directional electret condenser microphone, with bi-color illuminated ring and windshield, for HCS-4100, HCS-4800, HCS-5300, HCS-8300 and HCS-8600 series, optional, black)

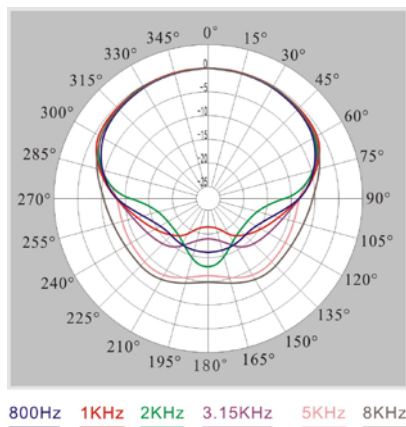
MSxxEGA1 Stem Microphone



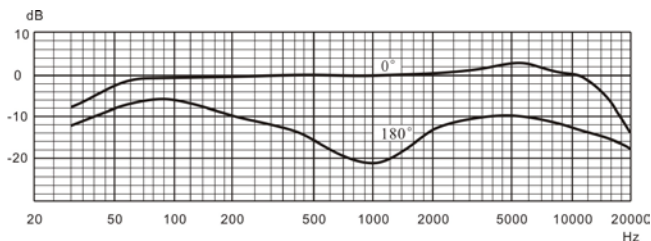
Features

- With semi-rigid gooseneck arm, 5pin plug
- Broadcast quality microphone
- With bi-color illuminated ring (green/red)
- Build-in windshield
- For HCS-3900, HCS-4100, HCS-4800, HCS-5300, HCS-8300 and HCS-8600 series congress unit

Polar pattern



Frequency response



Technical Specifications

Electrical

Transducer.....Electret-condenser
 Polar pattern.....Uni-directional
 Operating voltage.....5 VDC
 Sensitivity.....-46 dBA at 680 Ohm (0 dB = 1 V/Pa at 1 kHz)
 Frequency response.....50 Hz to 20 kHz
 Input impedance.....2 kOhm
 Directivity 0°/180°.....≥20 dB (1 kHz)
 Equivalent noise.....20 dBA (SPL)
 Maximum sound pressure level.....125 dB (THD<3%)

Mechanical

Length.....33 cm, 41 cm, 47 cm
 Weight.....88 g, 95 g, 100 g
 Color.....Silver (PANTONE 401 C) / Black (PANTONE 419 C)

Ordering Information

- MS33EGA1S..... Stem Microphone (33 cm, semi-rigid gooseneck arm, broadcast quality microphone, with bi-color illuminated ring, built-in windshield, 5pin plug, for HCS-3900, HCS-4100, HCS-4800, HCS-5300, HCS-8300, and HCS-8600 series, silver)
- MS33EGA1B..... Stem Microphone (33 cm, semi-rigid gooseneck arm, broadcast quality microphone, with bi-color illuminated ring, built-in windshield, 5pin plug, for HCS-3900, HCS-4100, HCS-4800, HCS-5300, HCS-8300, and HCS-8600 series, black)
- MS41EGA1S..... Stem Microphone (41 cm, semi-rigid gooseneck arm, broadcast quality microphone, with bi-color illuminated ring, built-in windshield, 5pin plug, for HCS-3900, HCS-4100, HCS-4800, HCS-5300, HCS-8300, and HCS-8600 series, silver)
- MS41EGA1B..... Stem Microphone (41 cm, semi-rigid gooseneck arm, broadcast quality microphone, with bi-color illuminated ring, built-in windshield, 5pin plug, for HCS-3900, HCS-4100, HCS-4800, HCS-5300, HCS-8300, and HCS-8600 series, black)
- MS47EGA1S..... Stem Microphone (47 cm, semi-rigid gooseneck arm, broadcast quality microphone, with bi-color illuminated ring, built-in windshield, 5pin plug, for HCS-3900, HCS-4100, HCS-4800, HCS-5300, HCS-8300, and HCS-8600 series, silver)
- MS47EGA1B..... Stem Microphone (47 cm, semi-rigid gooseneck arm, broadcast quality microphone, with bi-color illuminated ring, built-in windshield, 5pin plug, for HCS-3900, HCS-4100, HCS-4800, HCS-5300, HCS-8300, and HCS-8600 series, black)

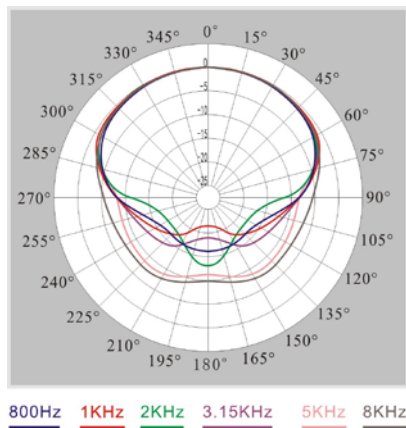
MSxxEGB1 Stem Microphone



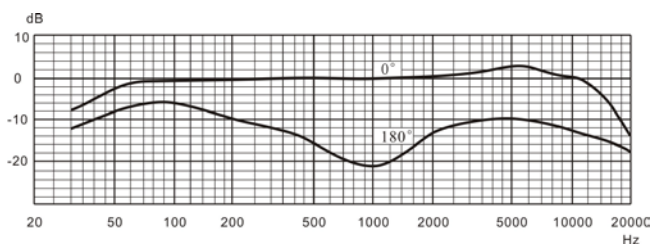
Features

- With semi-rigid gooseneck arm, 5pin plug
- Broadcast quality microphone
- With bi-color illuminated ring (green/red)
- Built-in windshield
- For HCS-3900, HCS-4100, HCS-4800, HCS-5300, HCS-8300 and HCS-8600 series congress unit

Polar pattern



Frequency response



Technical Specifications

Electrical

Transducer.....Electret-condenser
 Polar pattern.....Uni-directional
 Operating voltage.....5 VDC
 Sensitivity.....-46 dBA at 680 Ohm (0 dB = 1 V/Pa at 1 kHz)
 Frequency response.....50 Hz to 20 kHz
 Input impedance.....2 kOhm
 Directivity 0°/180°.....≥ 20 dB (1 kHz)
 Equivalent noise.....20 dBA (SPL)
 Maximum sound pressure level.....125 dB (THD<3%)

Mechanical

Length.....33 cm, 41 cm, 47 cm
 Weight.....90 g, 97 g, 102 g
 Color.....Champagne (PANTONE 427C)/ Black (PANTONE 419 C)

Ordering Information

- MS33EGB1S..... Stem Microphone (33 cm, semi-rigid gooseneck arm, broadcast quality microphone, with bi-color illuminated ring, built-in windshield, 5pin plug, for HCS-3900, HCS-4100, HCS-4800, HCS-5300, HCS-8300 and HCS-8600 series, champagne)
- MS33EGB1B..... Stem Microphone (33 cm, semi-rigid gooseneck arm, broadcast quality microphone, with bi-color illuminated ring, built-in windshield, 5pin plug, for HCS-3900, HCS-4100, HCS-4800, HCS-5300, HCS-8300 and HCS-8600 series, black)
- MS41EGB1S..... Stem Microphone (41 cm, semi-rigid gooseneck arm, broadcast quality microphone, with bi-color illuminated ring, built-in windshield, 5pin plug, for HCS-3900, HCS-4100, HCS-4800, HCS-5300, HCS-8300 and HCS-8600 series, champagne)
- MS41EGB1B..... Stem Microphone (41 cm, semi-rigid gooseneck arm, broadcast quality microphone, with bi-color illuminated ring, built-in windshield, 5pin plug, for HCS-3900, HCS-4100, HCS-4800, HCS-5300, HCS-8300 and HCS-8600 series, black)
- MS47EGB1S..... Stem Microphone (47 cm, semi-rigid gooseneck arm, broadcast quality microphone, with bi-color illuminated ring, built-in windshield, 5pin plug, for HCS-3900, HCS-4100, HCS-4800, HCS-5300, HCS-8300 and HCS-8600 series, champagne)
- MS47EGB1B..... Stem Microphone (47 cm, semi-rigid gooseneck arm, broadcast quality microphone, with bi-color illuminated ring, built-in windshield, 5pin plug, for HCS-3900, HCS-4100, HCS-4800, HCS-5300, HCS-8300 and HCS-8600 series, black)

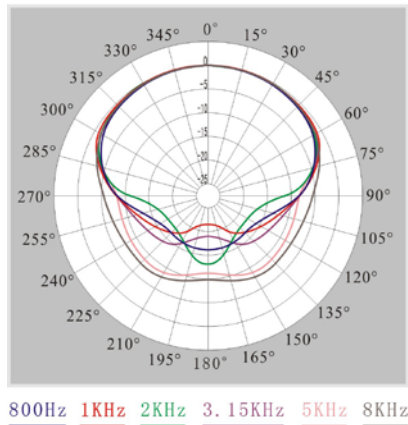
MSxxEGE1 Stem Microphone



Features

- With semi-rigid gooseneck arm, 5pin plug
- Broadcast quality microphone
- With bi-color illuminated ring (green/red)
- Built-in windshield
- For HCS-3900, HCS-4100, HCS-4800, HCS-5300, HCS-8300, and HCS-8600 series congress unit

Polar pattern



Equivalent noise.....20 dBA (SPL)
 Maximum sound pressure level.....125 dB (THD<3%)

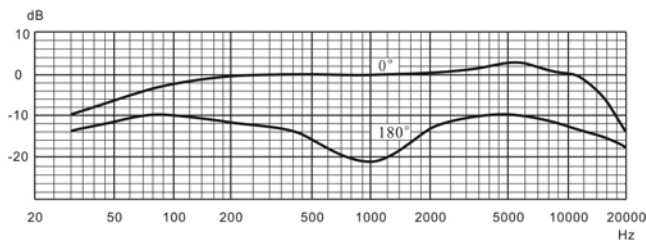
Mechanical

Length.....41cm
 Weight.....95 g
 Color.....Champagne (PANTONE 427C)

Ordering Information

MS41EGE1S.....Stem Microphone (41 cm, semi-rigid gooseneck arm, with bi-color illuminated ring, built-in windshield, 5pin plug, for HCS-3900, HCS-4100, HCS-4800, HCS-5300, HCS-8300 and HCS-8600 series, champagne)

Frequency response



Technical Specifications

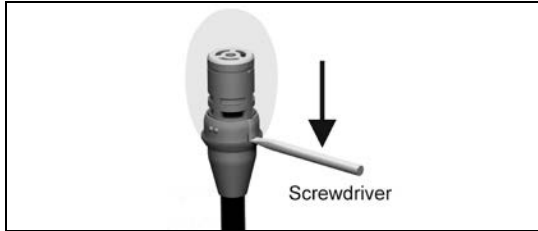
Electrical

Transducer.....Electret-condenser
 Polar pattern.....Uni-directional
 Operating voltage.....5 VDC
 Sensitivity.....-46 dBA at 680 Ohm (0 dB = 1 V/Pa at 1 kHz)
 Frequency response.....50 Hz to 20 kHz
 Input impedance.....2 kOhm
 Directivity 0°/180°.....≥20 dB (1 kHz)

- M-style Foam Windshield (MSXXEGF series)



Detaching of the M-model windshield



- a. Prepare a straight screwdriver;
- b. Insert the straight screwdriver into the gap of the microphone and press the straight screwdriver. The M-model windshield will be separated from the stem microphone.