

## Condenser Microphones

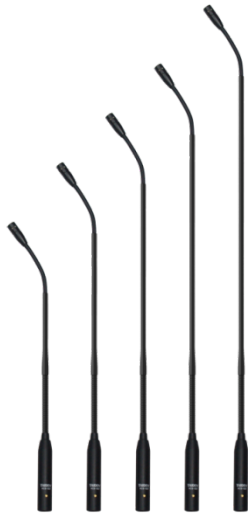


HCS-1858DS  
Condenser Microphone

**Condenser Microphones**

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# HCS-1857C Series Cardioid Condenser Gooseneck Microphone



## Features

- Stylish and ergonomic design
- For quality sound reinforcement, professional recording, television, conference and other demanding sound pickup applications
- The small diameter double-gooseneck design permits highly flexible positioning while maintaining a smooth, well contoured appearance
- An included snap-on foam windscreen effectively reduces wind and pop noise
- Uni-directional electret condenser microphone
- Excellent immunity to RF interference from mobile phones and comparable devices
- Built-in microphone power supply and amplifier components can be powered from any external 11 V to 52 V DC phantom power supply
- Flat frequency response when switch is set to “—” position. When switch is set to “/” position the built-in high-quality low-frequency attenuation circuit cuts-off at 80 Hz, reducing airflow noise when speaking close to the microphone. Reduces pick-up of low-frequency ambient noise (such as traffic, air-conditioning system, etc.), room echo and the sound of mechanical vibrations
- Simple and rapid installation. The microphone terminal is a standard 3-pin XLRM-type connector, which can be connected to any 3-pin XLRF-type socket or directly to the sound mixing console
- Low-impedance balanced audio output, audio signals output from Pins 2 and 3 of XLRM-type connector (Pin 2 is positive phase level, Pin 3 is negative phase level), while Pin 1 is for the ground (shield) connection

## Technical Specifications

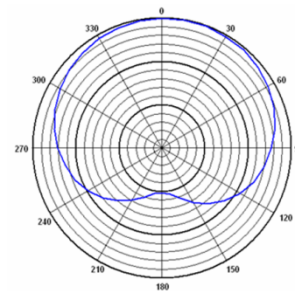
### Electrical

Element.....	Electret condenser microphone
Polar pattern.....	Cardioid unidirectional
Sensitivity.....	-40 dBV/Pa
Frequency response.....	30 Hz to 20 kHz
Low-frequency attenuation.....	80 Hz, -18 dB/octave
Output impedance.....	280 Ohm
Maximum sound pressure.....	139 dB, THD<1%
SNR.....	>66 dB
Dynamic range (typical).....	111 dB
Phantom power requirements.....	DC 11 V - 52 V, 2 mA
Switch.....	Flat, low frequency attenuation
Output connector.....	3-pin XLRM-type connector

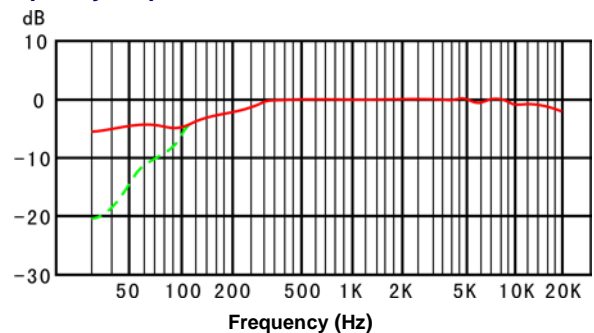
### Mechanical

Dimensions.....	HCS-1857CA13: 330.2 mm – long
.....	HCS-1857CA15: 381.0 mm – long
.....	HCS-1857CA18: 457.2 mm – long
.....	HCS-1857CA21: 533.4 mm – long
.....	HCS-1857CA24: 609.6 mm - long
.....	Head diameter: 12.0 mm
Weight.....	HCS-1857CA13: 146 g
.....	HCS-1857CA15: 150 g
.....	HCS-1857CA18: 156 g
.....	HCS-1857CA21: 161 g
.....	HCS-1857CA24: 166 g
Accessory.....	Foam windscreen
Color.....	Black (PANTONE 419 C)

## Polar pattern



## Frequency response



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**Ordering Information**

HCS-1857CA13..... Cardioid Condenser Gooseneck Microphone  
(total length 330.2 mm)

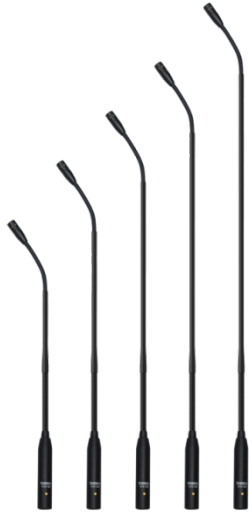
HCS-1857CA15..... Cardioid Condenser Gooseneck Microphone  
(total length 381.0 mm)

HCS-1857CA18..... Cardioid Condenser Gooseneck Microphone  
(total length 457.2 mm)

HCS-1857CA21..... Cardioid Condenser Gooseneck Microphone  
(total length 533.4 mm)

HCS-1857CA24..... Cardioid Condenser Gooseneck Microphone  
(total length 609.6 mm)

# HCS-1857H Series Super Cardioid Condenser Gooseneck Microphone



## Features

- Stylish and ergonomic design
- For quality sound reinforcement, professional recording, television, conference and other demanding sound pickup applications
- The small diameter double-gooseneck design permits highly flexible positioning while maintaining a smooth, wellcontoured appearance
- An included snap-on foam windscreen effectively reduces wind and pop noise
- Super cardioid uni-directional electret condenser microphone
- Excellent immunity to RF interference from mobile phones and comparable devices
- Built-in microphone power supply and amplifier components can be powered from any external 11 V to 52 V DC phantom power supply
- Flat frequency response when switch is set to “—” position. When switch is set to “/” position the built-in high-quality low-frequency attenuation circuit cuts-off at 80 Hz, reducing airflow noise when speaking close to the microphone. Reduces pick-up of low-frequency ambient noise (such as traffic, air-conditioning system, etc.), room echo and the sound of mechanical vibrations
- Simple and rapid installation. The microphone terminal is a standard 3-pin XLRM-type connector, which can be connected to any 3-pin XLRF-type socket or directly to the sound mixing console
- Low-impedance balanced audio output, audio signals output from Pins 2 and 3 of XLRM-type connector (Pin 2 is positive phase level, Pin 3 is negative phase level), while Pin 1 is for the ground (shield) connection

## Technical Specifications

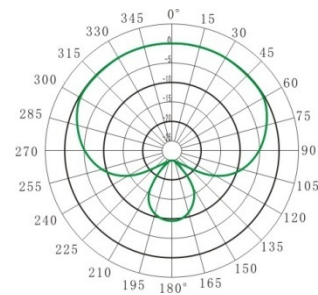
### Electrical

Element.....Electret condenser microphone  
 Polar pattern.....Super cardioid unidirectional  
 Sensitivity.....-40 dBV/Pa  
 Frequency response.....30 Hz to 20 kHz  
 Low-frequency attenuation.....80 Hz, -18 dB/octave  
 Output impedance.....280 Ohm  
 Maximum sound pressure.....139 dB, THD<1%  
 SNR.....>66 dB  
 Dynamic range (typical).....111 dB  
 Phantom power requirements.....DC 11 V - 52 V, 2 mA  
 Switch.....Flat, low frequency attenuation  
 Output connector.....3-pin XLRM-type connector

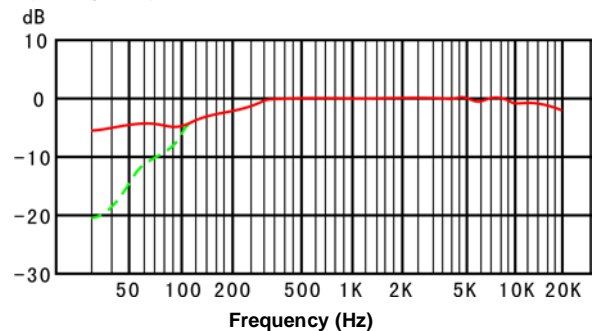
### Mechanical

Dimensions.....HCS-1857HA13: 330.2 mm – long  
 .....HCS-1857HA15: 381.0 mm – long  
 .....HCS-1857HA18: 457.2 mm – long  
 .....HCS-1857HA21: 533.4 mm – long  
 .....HCS-1857HA24: 609.6 mm - long  
 .....Head diameter: 12.0 mm  
 Weight.....HCS-1857HA13: 146 g  
 .....HCS-1857HA15: 150 g  
 .....HCS-1857HA18: 156 g  
 .....HCS-1857HA21: 161 g  
 .....HCS-1857HA24: 166 g  
 Accessory.....foam windscreen  
 Color.....Black (PANTONE 419 C)

## Polar pattern



## Frequency response



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**Ordering Information**

HCS-1857HA13.....Super Cardioid Condenser Gooseneck  
Microphone (total length 330.2 mm)

HCS-1857HA15.....Super Cardioid Condenser Gooseneck  
Microphone (total length 381.0 mm)

HCS-1857HA18.....Super Cardioid Condenser Gooseneck  
Microphone (total length 457.2 mm)

HCS-1857HA24.....Super Cardioid Condenser Gooseneck  
Microphone (total length 609.6 mm)

# HCS-1858H Series Super Cardioid Condenser Gooseneck Microphone



## Features

- Stylish and ergonomic design
- For professional recording, television, conference and other demanding sound pickup applications
- The small diameter gooseneck design permits highly flexible positioning while maintaining a smooth, well contoured appearance
- An included snap-on foam windscreens effectively reduces wind and pop noise
- Super cardioid uni-directional electret condenser microphone
- Excellent immunity to RF interference from mobile phones and comparable devices
- Built-in microphone power supply and amplifier components can be powered from any external 11 V to 52 V DC phantom power supply
- Simple and rapid installation. The microphone terminal is a standard 3-pin XLRM-type connector, which can be connected to any 3-pin XLRF-type socket or directly to the sound mixing console
- High quality alloy crust, advanced electrophoresis technology for colorfast coat

## Technical Specifications

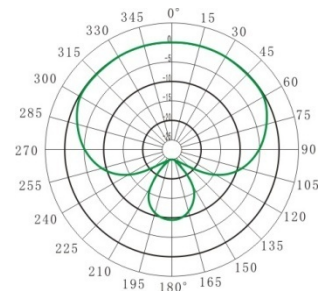
### Electrical

Element.....Electret condenser microphone  
 Polar pattern.....Super cardioid unidirectional  
 Sensitivity.....-38 dBV/Pa  
 Frequency response.....50 Hz to 18 kHz  
 Output impedance.....100 Ohm  
 Maximum sound pressure.....139 dB, THD<1%  
 SNR.....>66 dB  
 Phantom power requirements.....DC 11 V - 52 V, 2 mA  
 Switch.....Flat, low frequency attenuation  
 Output connector.....3-pin XLRM-type connector

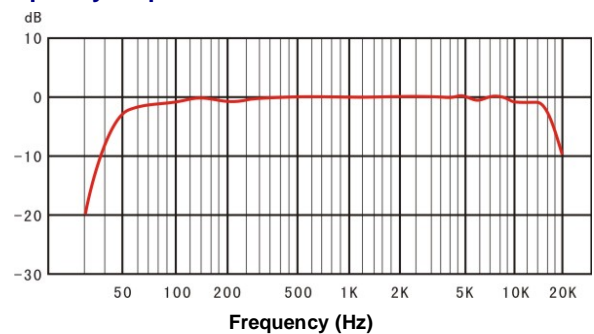
### Mechanical

Dimensions.....HCS-1858H15: 381.0 mm – long  
 .....HCS-1858H18: 457.2 mm – long  
 .....HCS-1858H 21: 533.4 mm – long  
 .....Head diameter: 12.0 mm  
 Weight.....HCS-1858H15: 197 g  
 .....HCS-1858H18: 208 g  
 .....HCS-1858H 21: 217g  
 Accessory.....foam windscreens  
 Color.....Black (PANTONE 419 C)

### Polar pattern



### Frequency response



### Ordering Information

HCS-1858H15.....Super Cardioid Condenser Gooseneck Microphone (total length 381.0 mm)  
 HCS-1858H18.....Super Cardioid Condenser Gooseneck Microphone (total length 457.2 mm)  
 HCS-1858H21.....Super Cardioid Condenser Gooseneck Microphone (total length 533.4 mm)

## HCS-1858B Tabletop Microphone Stand



### Features

- Delicate and elegant structural design, ergonomic and highly modern
- 3-pin XLR-type socket as microphone input; 3-pin XLRM-type connector with 2-meter long cable on the rear as microphone signal output
- It can be widely used in meetings, lectures, teaching and on other occasions when cooperating with gooseneck microphone
- Complementary to other 3-pin XLRM-type microphone devices

### Technical Specifications

#### Electrical

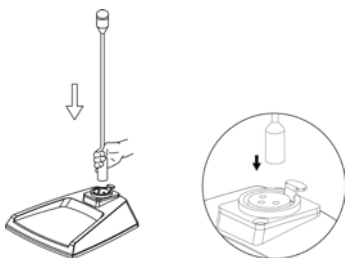
Input connector.....3 XLR-type  
 Output connector.....3 XLRM-type with 2-meter long cable  
 Phantom power requirements.....DC 24 V - 48 V, 3 mA

#### Mechanical

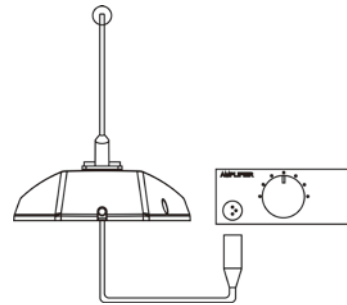
Installation.....Tabletop  
 Dimensions (h x w x d).....41 x 115 x 123 mm  
 Weight.....0.7 kg  
 Color.....Black (PANTONE 419 C)

### Configuration and connection

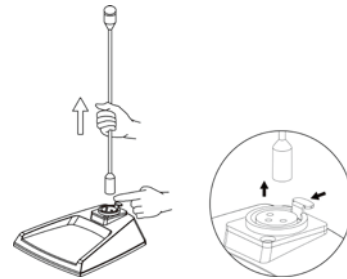
1. Connecting microphone: Connecting 3-pin XLRM-type connector at the bottom of the microphone to the 3-pin XLR-type socket on the microphone stand.



2. Connecting amplifier: Connecting 3-pin XLRM-type connector to other devices such as amplifier, audio mixing console, etc.



3. Microphone detachment: Press the release tab of the XLR-type socket on the microphone stand and pull out the microphone.



### Ordering Information

HCS-1858B.....Tabletop Microphone Stand  
 (3-pin XLRM-type output, with 2-metre cable)



# HCS-1858BS Tabletop Microphone Stand



## Features

- Delicate and elegant structural design, ergonomic and highly modern
- 3-pin XLR-F-type socket as microphone input; 3-pin XLR-M-type connector with 2-meter long cable on the rear as microphone signal output
- It can be widely used in meetings, lectures, teaching and on other occasions when cooperating with gooseneck microphone
- Complementary to other 3-pin XLR-M-type microphone devices
- HCS-1858BS with ON/OFF button. When pressing the ON/OFF button, the red LED indicator lights up, and the microphone is activated, press ON/OFF button again to turn off the microphone. The attenuation value is 85 dB at 1 kHz

## Technical Specifications

### Electrical

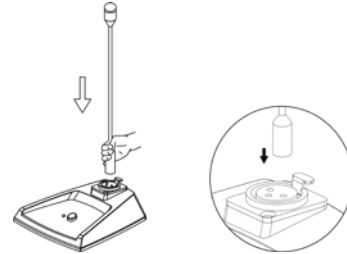
Input connector.....	3 XLR-F-type
Output connector.....	3 XLR-M-type with 2-meter long cable
Indicator light.....	ON/OFF button with red LED
Phantom power requirements.....	DC 24 V - 48 V, 3 mA
Insertion loss.....	1 dB (150 Ohm input resistance)
Output impedance.....	380 Ohm
Turn off attenuation (150 Ω input resistance).....	85 dB at 1 kHz
	.....50 dB at 100 Hz
	.....40 dB at 50 Hz

### Mechanical

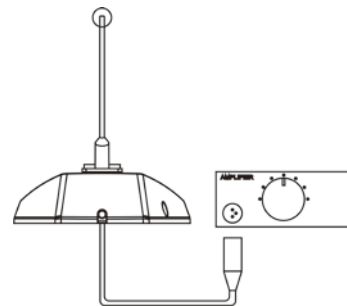
Installation.....	Tabletop
Dimensions (h x w x d).....	41 x 115 x 123 mm
Weight.....	0.7 kg
Color.....	Black (PANTONE 419 C)

## Configuration and connection

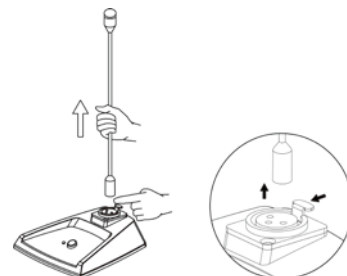
1. Connecting microphone: Connecting 3-pin XLR-M-type connector at the bottom of the microphone to the 3-pin XLR-F-type socket on the microphone stand.



2. Connecting amplifier: Connecting 3-pin XLR-M-type connector to other devices such as amplifier, audio mixing console, etc.



3. Microphone detachment: Press the release tab of the XLR-F-type socket on the microphone stand and pull out the microphone.



## Ordering Information

HCS-1858BS..... Tabletop Microphone Stand (3-pin XLR-M-type output, with 2-metre cable, with self-lock button)

# HCS-1858D Tabletop Condenser Microphone



SNR(Signal to Noise Ratio).....70dBA  
 Maximum sound pressure level.....139 dB (THD<3%)

**Interconnections**

Output connector.....3 XLRM-type with 2-meter long cable

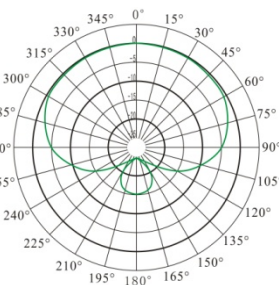
**Mechanical**

Mounting.....Tabletop  
 Dimensions (h x w x d).....41 x 115 x 123 mm (base)  
 .....37 x 37 x 249 mm (microphone)  
 Weight.....1.4 kg  
 Color.....Black (PANTONE 419 C)

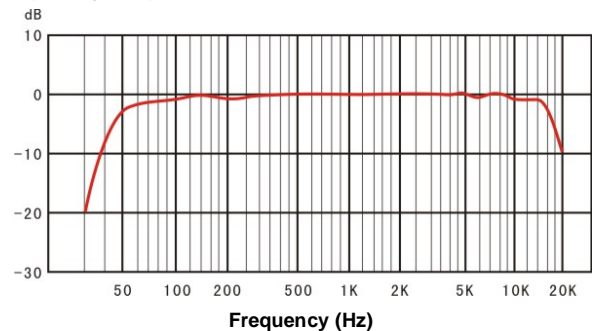
**Features**

- Delicate and elegant structural design, ergonomic and highly modern
- Rectangular columnar microphone, the pitching angle of the microphone is adjustable
- super cardioid unidirectional electret condenser microphone
- Excellent immunity to RF interference from mobile phones and comparable devices
- Built-in microphone power supply and amplifier components can be powered from any external 11 V to 52 V DC phantom power supply
- Flat frequency response when switch is set to “—” position. When switch is set to “/” position the built-in high-quality low-frequency attenuation circuit cuts-off at 80 Hz, reducing airflow noise when speaking close to the microphone. Reduces pick-up of low-frequency ambient noise (such as traffic, air-conditioning system, etc.), room echo and the sound of mechanical vibrations
- 3-pin XLRM-type connector with 2-meter long cable on the rear as microphone signal output
- Low-impedance balanced audio output, audio signals output from Pins 2 and 3 of XLRM-type connector (Pin 2 is positive phase level, Pin 3 is negative phase level), while Pin 1 is for the ground (shield) connection
- It can be widely used in meetings, lectures, teaching and on other occasions

**Polar pattern**



**Frequency response**



**Ordering Information**

HCS-1858D.....Tabletop Condenser Microphone (rectangular columnar metal microphone, super cardioid unidirectional, 3-pin XLRM-type output, with 2-metre cable)

**Technical Specifications**

**Electrical**

Phantom power requirements.....DC 11 V - 52 V, 4 mA  
 Output impedance.....280 Ohm

**Recommended microphone type**

Transducer.....Electret-condenser  
 Polar pattern.....Super cardioid unidirectional  
 Sensitivity.....-37dB (0dB=1V/Pa)  
 Frequency response.....20 Hz to 20 kHz  
 Directivity 0°/135°.....> 20 dB (1kHz)  
 Directivity 0°/180°.....> 15 dB (1kHz)



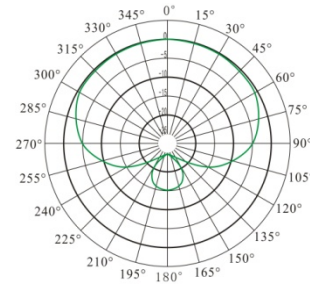
# HCS-1860MIC Handheld Condenser Microphone



### Mechanical

Mounting.....Handheld or tabletop with bracket  
 Dimensions (h x w x d).....37 x 249 x 37 mm  
 Weight.....400 g  
 Color.....Black (PANTONE 419 C)

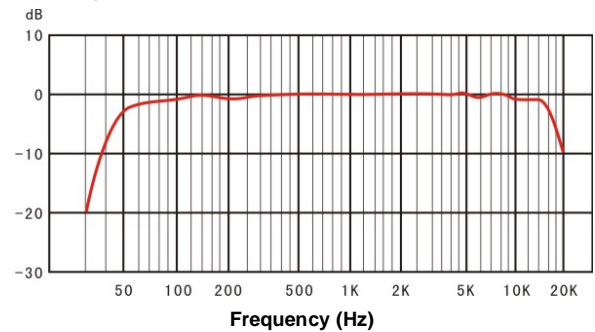
### Polar pattern



### Features

- Delicate and elegant structural design, ergonomic and highly modern
- Handheld rectangular columnar microphone
- Super cardioid condenser microphone
- Excellent immunity to RF interference from mobile phones and comparable devices
- Built-in microphone power supply and amplifier components can be powered from any external 11 V to 52 V DC phantom power supply
- 3-pin XLRM-type socket on the rear as microphone signal output
- Low-impedance balanced audio output, audio signals output from Pins 2 and 3 of XLRM-type connector (Pin 2 is positive phase level, Pin 3 is negative phase level), while Pin 1 is for the ground (shield) connection
- It can be widely used in meetings, lectures, teaching and on other occasions

### Frequency response



### Technical Specifications

#### Electrical

Transducer.....Electret-condenser  
 Polar pattern.....Super cardioid unidirectional  
 Sensitivity.....-37dB (0dB=1V/Pa)  
 Frequency response.....20 Hz to 20 kHz  
 Output impedance.....280 Ohm  
 Directivity 0°/135°.....> 20 dB (1 kHz)  
 Directivity 0°/180°.....> 15 dB (1 kHz)  
 Equivalent noise.....20 dBA (SPL)  
 Maximum sound pressure level.....139 dB (THD<3%)  
 SNR.....>66 dB  
 Dynamic range (typical).....111 dB  
 Phantom power requirements.....DC 11 V - 52 V, 2 mA  
 Output connector.....3-pin XLRM-type connector

### Ordering Information

- HCS-1860MIC\_B.....Handheld Condenser Microphone (rectangular columnar metal microphone, super cardioid unidirectional, 3-pin XLRM-type output, suitable for 180-degree connector, with 6-metre cable, black)
- HCS-1860NMIC\_B.....Handheld Condenser Microphone (rectangular columnar metal microphone, super cardioid unidirectional, 3-pin XLRM-type output, suitable for 90-degree or 180-degree connector, with 6-metre cable, black)

## HCS-1860ST Bracket for Handheld Condenser Microphone




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### Features

- Delicate and elegant structural design, ergonomic and highly modern
- For tabletop mounting of HCS-1860(N)MIC, the pitching angle of the microphone is adjustable

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### Technical Specifications

#### Mechanical

Mounting.....Tabletop  
 Weight.....330 g  
 Color.....Black (PANTONE 419 C)

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### Ordering Information

HCS-1860ST.....Bracket for Handheld Condenser Microphone  
 (for HCS-1860(N)MIC, black)

## MIC-ST-02 Bracket for Condenser Microphone




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### Features

- Delicate and elegant structural design, ergonomic and highly modern
- For tabletop mounting of HCS-1860(N)MIC, the pitching angle of the microphone is adjustable
- For 2 microphones installed at the bracket, 2 lines come out from the back of the bracket
- Microphone is not included

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### Technical Specifications

#### Mechanical

Mounting.....Tabletop  
 Weight.....200g  
 Color.....Black (PANTONE 419 C)

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### Ordering Information

MIC-ST-02.....Bracket for Condenser Microphone  
 (for HCS-1860(N)MIC,2 microphones installation, black)

## MIC-ST-04 Bracket for Condenser Microphone




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### Features

- Delicate and elegant structural design, ergonomic and highly modern
- For tabletop mounting of HCS-1860(N)MIC, the pitching angle of the microphone is adjustable
- For 4 microphones installed at the bracket, 4 lines come out from the back of the bracket
- Microphone is not included

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### Technical Specifications

#### Mechanical

Mounting.....Tabletop  
 Weight.....220g  
 Color.....Black (PANTONE 419 C)

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### Ordering Information

MIC-ST-04.....Bracket for Condenser Microphone  
 (for HCS-1860(N)MIC, 4 microphones installation, black)