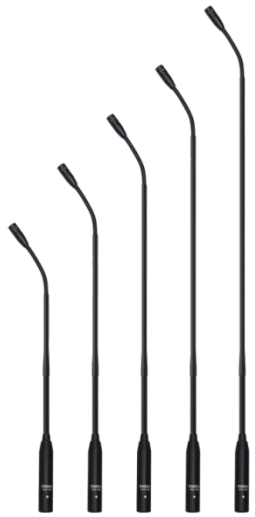
TAIDEN®

Condenser Microphones

HCS-1858DS
Condenser Microphone

Condenser Microphones

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

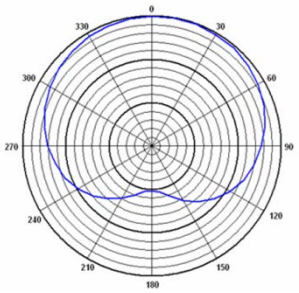
Electrical

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

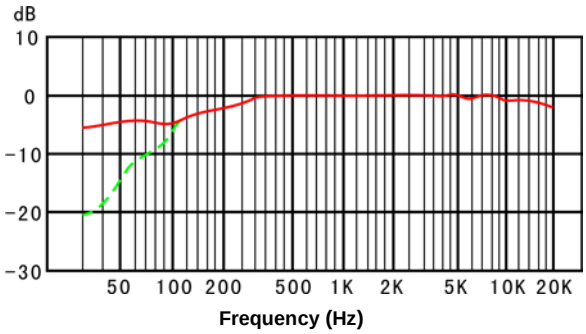
Mechanical

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



Ordering Information

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

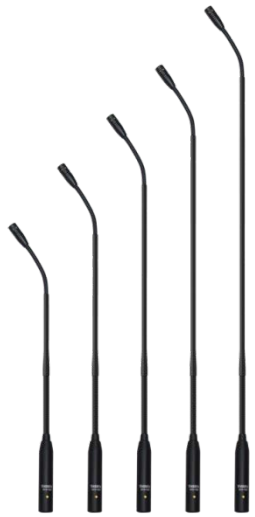
HCS-1857CA15..... Cardioid Condenser Gooseneck Microphone
(total length 381.0 mm)

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

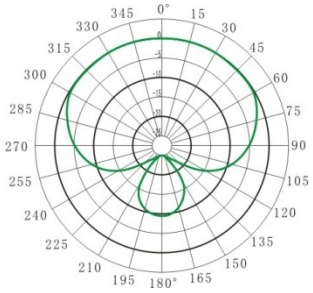
Electrical

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

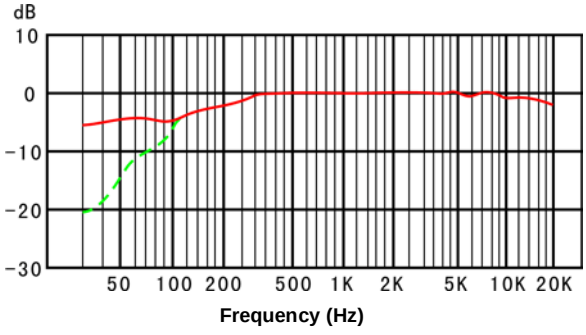
Mechanical

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



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 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**
- **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

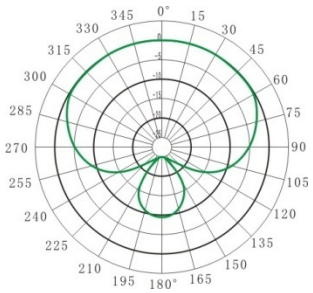
Electrical

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

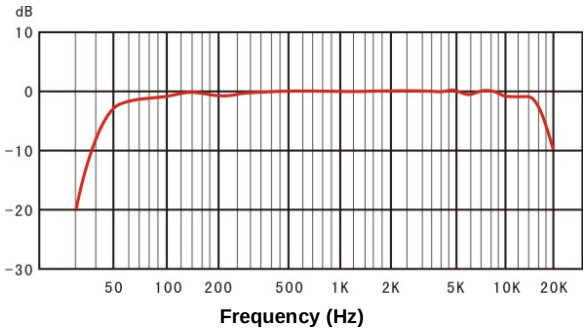
Mechanical

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 windscreen
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 XLRF-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

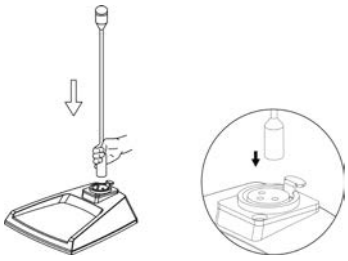
Input connector	3 XLRF-type
Output connector	3 XLRM-type with 2-meter long cable
Phantom power requirements	DC 24 V - 48 V, 3 mA

Mechanical

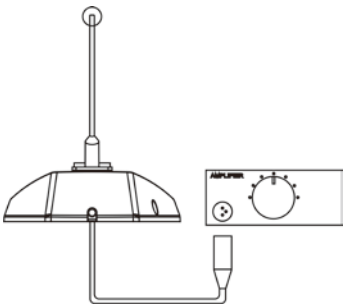
Installation	Tabletop
Dimensions (h x w x d)	41 x 115 x 123 mm
Weight	0.7 kg
Color	Black （PANTONE 419 C）

Configuration and connection

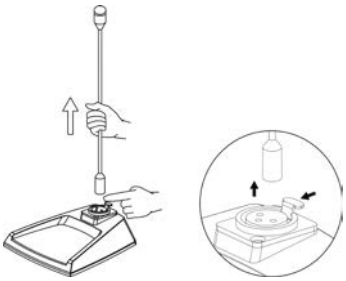
1. Connecting microphone: Connecting 3-pin XLRM-type connector at the bottom of the microphone to the 3-pin XLRF-type socket on the microphone stand.



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 XLRF-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 XLRF-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**
- **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

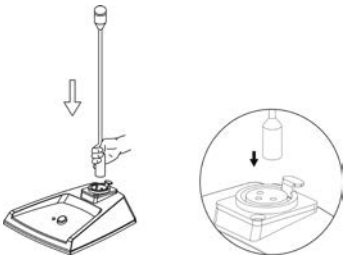
Input connector	3 XLRF-type
Output connector	3 XLRM-type with 2-meter long cable
Indicator light	ON/OFF button with red LED
Phantom power requirements	DC 24 V - 48 V, 3 mA
Insertion loss	1 dB (150 Ohm input resistance)
Output impedance	380 Ohm
Turn off attenuation (150 Ω input resistance)	85 dB at 1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

Mechanical

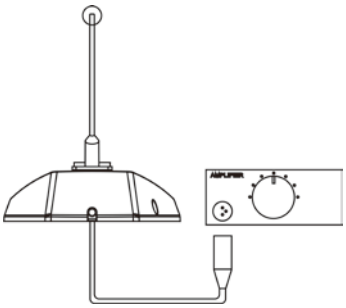
Installation	Tabletop
Dimensions (h x w x d)	41 x 115 x 123 mm
Weight	0.7 kg
Color	Black （PANTONE 419 C）

Configuration and connection

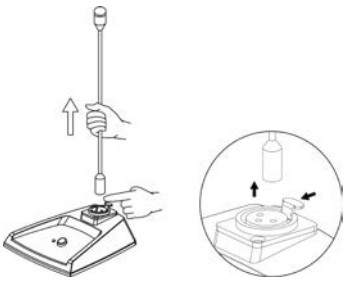
1. Connecting microphone: Connecting 3-pin XLRM-type connector at the bottom of the microphone to the 3-pin XLRF-type socket on the microphone stand.



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 XLRF-type socket on the microphone stand and pull out the microphone.



Ordering Information

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

HCS-1858D
Tabletop Condenser Microphone

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**

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: -38 dBV/Pa
Frequency response: 50 Hz to 20 kHz
Directivity 0°/135°: > 20 dB (1kHz)
Directivity 0°/180°: > 15 dB (1kHz)
Equivalent noise: 20 dBA (SPL)
Maximum sound pressure level: 139 dB (THD<3%)

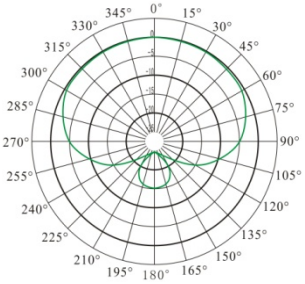
Interconnections

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

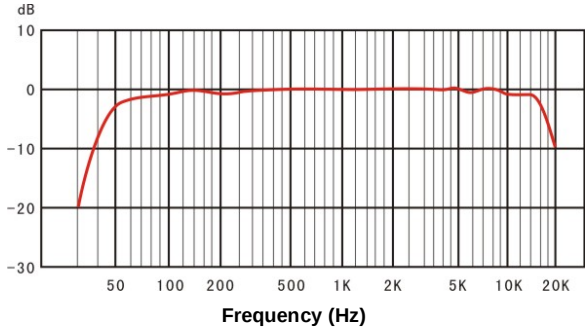
Mechanical

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）

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)

HCS-1858DS
Tabletop Condenser Microphone

Features

- **Delicate and elegant structural design, ergonomic and highly modern**
- **Rectangular columnar microphone, the pitching angle of the microphone is adjustable**
- **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 24 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**
- **HCS-1858DS 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

Indicator light	ON/OFF button with red LED
Phantom power requirements	DC 24 V - 52 V, 8 mA
Output impedance	380 Ohm
Turn off attenuation	85 dB at 1 kHz
	50 dB at 100 Hz
	40 dB at 50 Hz

Recommended microphone type

Transducer	Electret-condenser
Polar pattern	Super cardioid unidirectional
Sensitivity	-38 dBV/Pa
Frequency response	50 Hz to 20 kHz
Directivity 0°/135°	> 20 dB (1kHz)
Directivity 0°/180°	> 15 dB (1kHz)
Equivalent noise	20 dBA (SPL)
Maximum sound pressure level	139 dB (THD<3%)

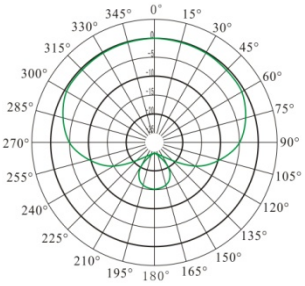
Interconnections

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

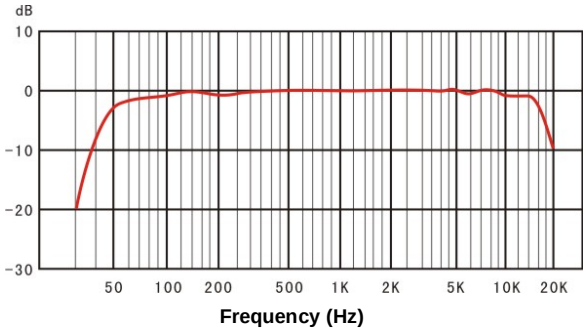
Mechanical

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）

Polar pattern



Frequency response



Ordering Information

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

HCS-1860MIC
Handheld Condenser Microphone

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**

Technical Specifications

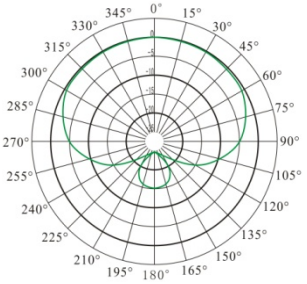
Electrical

Transducer	Electret-condenser
Polar pattern	Super cardioid unidirectional
Sensitivity	-38 dBV/Pa
Frequency response	50 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

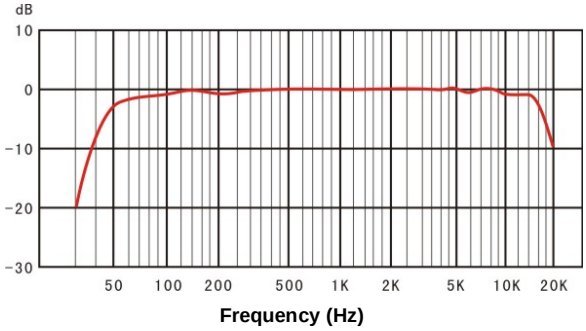
Mechanical

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



Frequency response



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

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**

Technical Specifications

Mechanical

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

Ordering Information

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

MIC-ST-04 Bracket for Condenser Microphone

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**

Technical Specifications

Mechanical

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

Ordering Information

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