



# BPHS2/BPHS2C/BPHS2S

# Specifications



## Specifications (Headphones)

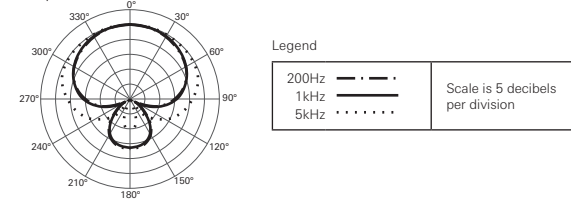
Type	Closed-back dynamic
Driver	45 mm
Sensitivity	102 dB/mW
Frequency response	15 to 28,000 Hz
Maximum output	1,600 mW
Impedance	38 ohms (312 ohms when limiter switch is on)
Input jack	TB6M jack
Weight (without cable)	BPHS2: 250 g (8.8 oz), BPHS2C: 240 g (8.5 oz), BPHS2S: 190 g (6.7 oz)
Accessories	Windscreens x 3, clip, pouch
Replacements/separately sold items	BPCB2 (3.0 m (9.8') / TA6F, 3-pin XLRM, plug), BPCB3 (3.0 m (9.8') / TA6F, unterminated), Earpad HP-M60x, Head pad

## Specifications (Microphone)

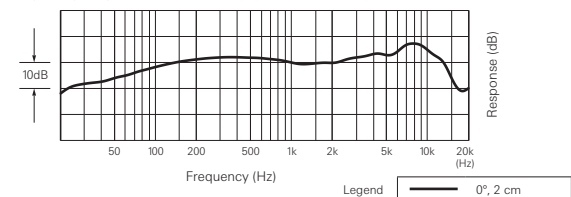
### BPHS2/BPHS2S

Element	Dynamic
Polar pattern	Hypercardioid
Frequency response*	50 to 14,000 Hz (at 2 cm (0.79"))
Sensitivity*	-57 dB (1.4 mV) (0 dB = 1 V/Pa, 1 kHz)
Impedance	550 ohms
Dimensions	Height: 18.0 mm (0.71"), Main unit maximum diameter: 23.4 mm (0.92")
Output connector	TB6M

#### Polar pattern



#### Frequency response

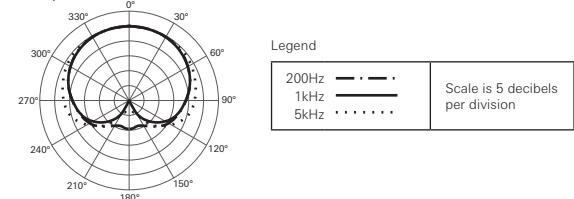


\*During a wired connection with the product. Performance varies depending on the device used.  
 • 1 Pascal = 10 dynes/cm<sup>2</sup> = 10 microbars = 94 dB SPL

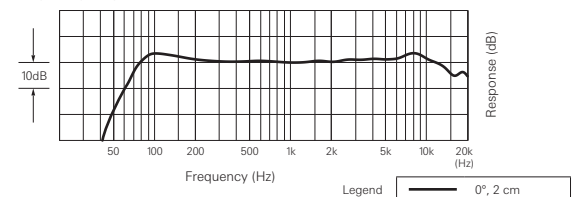
### BPHS2C

Element	Back electret condenser
Polar pattern	Cardioid
Frequency response*	60 to 15,000 Hz (at 2 cm (0.79"))
Sensitivity*	-45 dB (5.6 mV) (0 dB = 1 V/Pa, 1 kHz)
Impedance	100 ohms
Maximum input sound pressure level*	140 dB SPL (1 kHz THD1%)
Signal-to-noise ratio*	60 dB (1 kHz at 1 Pa, A-weighted)
Dynamic range	106 dB (1 kHz at Max S.P.L.)
Phantom power requirements	11 to 52V DC, 2 mA
Dimensions	Minimum width: 12 mm (0.47"), Height: 12.7 mm (0.5")
Output connector	TB6M

#### Polar pattern



#### Frequency response



\*During a wired connection with the product. Performance varies depending on the device used.  
 • 1 Pascal = 10 dynes/cm<sup>2</sup> = 10 microbars = 94 dB SPL

For product improvement, the product is subject to modification without notice.