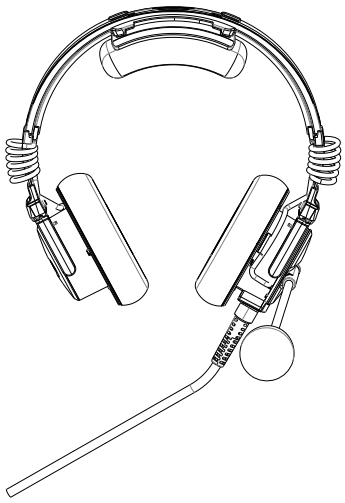
PH+ Series - PHD Broadcast Intercom Headset



- Fully rotating boom microphone placement for right or left side use
- Boom mounted, noise-cancelling microphone
- Soft, pliable ear cushions and headband pads

The PHD Series headset is a dual-sided lightweight headset for the ultimate in daylong comfort. Offering a noise-canceling microphone with a semi-rigid, fully adjustable boom for precise positioning. The high-quality wide band dynamic earphones are covered in a leatherette material for better fit, isolation and frequency response.

System overview

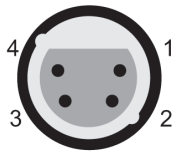
Model	Description
PHD-A4F-150	Double-sided, dynamic headset, A4F, 150 Ohm, Monaural
PHD-A4M-300	Double-sided, dynamic headset, A4M, 150 Ohm, Monaural
PHD-A5M-300	Double-sided, dynamic headset, A5M, 300 Ohm, Stereo / 2 Channel

Technical specifications

Headphones	
Type:	Dynamic
Impedance:	150 Ω ±20% @1kHz • PHD-A4F-150 • PHD-A4M-150
	300 Ω ±20% @1kHz • PHD-A5M-300
Sensitivity	98 ±4 dBSPL @ 1 kHz & 1 mW (150 Ω)
	100 ±4 dBSPL @ 1 kHz & 1 mW (300 Ω)
Frequency Response:	200 Hz to 10 kHz
Microphone	
Element Type:	Noise-Cancelling Dynamic
Impedance:	200 Ω
Frequency Response:	200 Hz to 6500 Hz
Sensitivity:	-63 ±3.5 dB re 1 V/Pa @ 1 kHz
Connector Type:	
PHD-A4F-150	4-pin female XLR
PHD-A4M-150	4-pin male XLR
PHD-A5M-300	5-pin male XLR
Physical	
Weight:	
PHD-A4F-150	~7.8 oz (~220 g) (with cord) ~4.9 oz. (~140 g) (without cord)
PHD-A4M-150	~7.8 oz (~220 g) (with cord) ~4.9 oz. (~140 g) (without cord)
PHD-A5M-300	~7.8 oz (~220 g) (with cord) ~4.9 oz. (~140 g) (without cord)
Cord Length:	6 ft. ±4 in. (1.8 m ±10 cm.) (measured from tip to the ear shell)

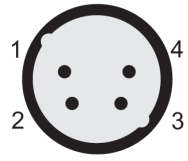
Color:	Black and Stainless Steel

Available Connector Types



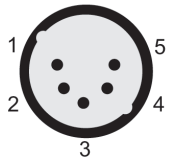
XLR-4F

	Description	Color
Pin 1	Mic Low	Blue/Mic Shield
Pin 2	Mic High	White
Pin 3	Headphone Low	Black
Pin 4	Headphone High	Yellow
Case		N/C



XLR-4M

	Description	Color
Pin 1	Mic Low	Blue/Mic Shield
Pin 2	Mic High	White
Pin 3	Headphone Low	Black
Pin 4	Headphone High	Yellow



XLR-5M

	Description	Color
Pin 1	Mic Low	Blue/Mic Shield
Pin 2	Mic High	White
Pin 3	Headphone Low	Black
Pin 4	Headphone High	Yellow
Pin 5	Headphone 2 High	Red
Case		N/C

Ordering information

PHD-A4F-150 Double Side Dyn Headset A4F 150 ohm
Double-sided headset, 150 Ohm, boom mounted noise-canceling microphone, 4-pin Female XLR connector.
Order number **PHD-A4F-150 | F.01U.398.225**

PHD-A4M-150 Double Side Dyn Headset A4M 150 ohm
Double-sided headset, 150 Ohm, boom mounted noise-canceling microphone, 4-pin Male XLR connector.
Order number **PHD-A4M-150 | F.01U.398.226**

PHD-A5M-300 Double Side Dyn Headset A5M 300 ohm
Double-sided headset, 300 Ohm, boom mounted noise-canceling microphone, 5-pin Male XLR connector.
Order number **PHD-A5M-300 | F.01U.398.227**

Accessories

PHP-EC2 PH+ SERIES LEATHERETTE EAR CUSHIONS 2PK
Large ear cushion, durable leatherette material.
Order number **PHP-EC2 | F.01U.402.282**

PHP-HBP PH+ HEADBAND PAD
Large, leatherette ear cushion with Velcro for easy installation.
Order number **PHP-HBP | F.01U.402.284**

PHP-HBPM PH+ HEADBAND PAD AND HOLDER
Large cushion headband pad and headband pad holder, pre-attached.
Order number **PHP-HBPM | F.01U.402.283**

PHP-HC PH+ HYGIENE COVERS
Breathable fabric hygienic ear cushion covers, easy to install
Order number **PHP-HC | F.01U.402.285**

WS2-B100 Windscreen Bulk 100pc PH-44/-88 HR-1/-2
Order number **WS2-B100 | F.01U.395.648**

PHP-HBPC-LTHR Ear Cush-2, LG Head Pad-Saddle
Saddle colored leatherette Large Headband Pad and Ear Cushions for PH+ Headsets. Note that the plastic headband pad glider is NOT included.
Order number **PHP-HBPC-LTHR | F.01U.434.663**

https://www.rtsintercoms.com

© Bosch Security Systems 2025