

Professional Headset (Dynamic Microphone)

PHS-SB110 (Single) & PHS-SB210 (Dual)

The **Pliant SmartBoom PRO Headset** provides exceptional comfort and reliability while introducing advanced features and design enhancements.

The SBP Headset features SmartBoom technology, allowing the microphone boom to act as an On/Off switch for quick microphone muting. Additionally, the headset provides high ambient noise reduction and produces high-quality audio using a hypercardioid dynamic microphone. The headset has a flexible, ambidextrous design and soft foam padding to offer superior comfort.



PHS-SB110



PHS-SB210

Features

- Outstanding Audio Quality with Enhanced Acoustic Isolation
- Closed Back Circumaural Design Available in Single and Dual Ear Models
- Flexible, Ambidextrous Swiveling Mic Boom
- SmartBoom® Flip Up Microphone Mute Operation
- Dynamic Noise-Canceling Hypercardioid Microphone Optimized for Voice Communications
- Comfort Fit Adjustable Headband
- Comfortable and Replaceable Ear Pads and Headband Pad
- Non-Reflective, Rubber-Coated Matte Finish
- Collapsible for Efficient Space-Saving Storage
- Detachable Cable (5 ft./1.52 m)
- Full One-Year Parts and Labor Warranty



SMARTBOOM MIC MUTE OPERATION



COLLAPSIBLE FOR STORAGE

Wiring Diagram for Connector Inputs

PIN CONNECTIONS					
Headset Plug Pin	Cable	Single-Ear		Dual-Ear	
		4-Pin XLR Female	5-Pin Male XLR	4-Pin XLR Female	5-Pin Male XLR
8	Brown – Speaker R+	4	5	4	4
7	Blue – Speaker L+	4	NC	4	5
6	Red – Speaker R-	3	3	3	3
5	Orange – Speaker L-	NC	NC	3	3
4	Uncoated – Shield	1	1	1	1
3	Uncoated – Shield	1	1	1	1
2	Yellow – Mic+	2	2	2	2
1	Green – Mic-	1	1	1	1

Replacement Parts

REPLACEMENT PARTS	
SBP-PAD-EAR	Ear Pad
SBP-PAD-HEAD	Headband Pad
SBP-WS-10PK	Windscreen
SBP-ES-988	Ear Sock
PHS-CLIP-6PK	6-Pack of Magnetic Cable Clips
SBP-CAB-4F	Cable with 4-pin XLR Female Termination
SBP-CAB-5M	Cable with 5-pin XLR Male Termination
SBP-CAB-U	Unterminated Cable

Specifications* PHS-SB110 & PHS-SB210

Microphone

Microphone Type	Dynamic
Frequency Response	50–20,000 Hz
Mic Sensitivity	-66 dB ± 3 dB at 1 kHz
Pattern	Hypercardioid
Output Impedance	200 Ω ± 15% at 1 kHz
Isolation from Headphone	40 dB

Speaker (Headphone)

Frequency Reponse	20–20,000 Hz
Nominal Impedance	100 Ω
Sensitivity at 1 kHz	
Single (PHS-SB100)	117 dB SPL/mW
Dual (PHS-SB200)	121 dB SPL/mW
Speaker Type	Dynamic
Max Input Power	500 mW

Cables

Termination at Ear	Removable (Crossbolt)
Length	5.00 ft. (1.52 m)
Outside Diameter	0.24 in. (6.00 mm)

Physical Features

Mic Boom Length	8.50 in. (215.90 mm)
Weight (without cable)	
Single (PHS-SB110)	8.1 oz (229.63 g)
Dual (PHS-SB210)	11.4 oz (323.18 g)
Cable	3.8 oz (107.73 g)

Connector Options

PHS-SB110/SB210-4F	4-pin XLR Female
PHS-SB110/SB210-5M	5-pin XLR Male
PHS-SB110/SB210-U	Unterminated

Warranty

One Year Parts and Labor

* Notice About Specifications

While Pliant makes every attempt to maintain the accuracy of the information contained in these specifications, that information is subject to change without notice. Performance specifications included in this document are design-centered specifications and are included for customer guidance and to facilitate system installation. Actual operating performance may vary.

Manufacturer reserves the right to change specifications to reflect latest changes in technology and improvements at any time without notice.