



SmartBoom® PRO Headset Product Specifications

Electret Microphone Headset Models: PHS-SB110E-4F, PHS-SB110E-4M, PHS-SB110E-5M, PHS-SB110E-U, PHS-SB110E-DMG, PHS-SB210E-4F, PHS-SB210E-4M, PHS-SB210E-5M, PHS-SB210E-U, PHS-SB210E-DMG

PHS-SB110E-DMG and PHS-SB210E-DMG models are only for use with MicroCom® products.

Overview

The SmartBoom Series of headsets are all part of a line of communications headsets which incorporate a convenient flip up microphone muting feature and are specifically designed for exceptional comfort, flexibility and durability as needed in the most demanding professional environments.

SmartBoom PRO Key Features

- Outstanding audio quality with enhanced acoustic isolation
- Closed back circumaural (over ear) design available in single- and dual-ear models
- Flexible, ambidextrous swiveling mic boom
- SmartBoom flip up microphone mute
- Electret noise-canceling cardioid microphone optimized for voice communications
- Comfort fit adjustable headband
- Replaceable ear cushion pad, headband pad, and windscreen
- Non-reflective rubberized matte black finish
- Collapsible earpiece design
- Field-replaceable cable (5 ft./1.5 m)

What's in the Box?

- Headset
- Operating Manual
- Ear Sock
- Magnetic Cable Clip
- Windscreen

Replacement Parts

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

Specification*	SmartBoom PRO
Microphone	
Microphone Type	Electret Condenser
Frequency Response	20–16,000 Hz
Mic Sensitivity	-45 ± 2 dBV/Pa at 1 kHz
Pattern	Unidirectional
Output Impedance	1–1.9 kΩ
Bias Voltage	1.5V~2.2V
Speaker (Headphone)	
Frequency Response	20–20,000 Hz
Nominal Impedance	100 Ω
Sensitivity at 1 kHz	
Single	117 dB SPL/mW
Dual	121 dB SPL/mW
Speaker Type	Dynamic
Max Input Power	500 mW
Cables	
Termination at Ear	Removable
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	8.1 oz (229.63 g)
Dual	11.4 oz (323.18 g)
Cable	3.8 oz (107.73 g)
Connector Options	
PHS-SB110E/SB210E-4F	4-pin XLR Female
PHS-SB110E/SB210E-4M	4-pin XLR Male
PHS-SB110E/SB210E-5M	5-pin XLR Male
PHS-SB110E/SB210E-DMG	Dual Mini (3.5 mm TRRS)
PHS-SB110E/SB210E-U	Unterminated

XLR AND UNTERMINATED WIRE PIN CONNECTION					
Plug Pin	Wire (Color and Description)	Single-Ear		Dual-Ear	
		4-Pin XLR Female/Male	5-Pin XLR Male	4-Pin XLR Female/Male	5-Pin XLR Male
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

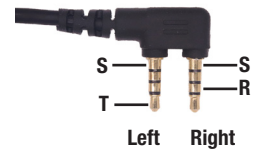
DUAL MINI WIRE PIN CONNECTION		
Headset Plug Pin	Wire (Color and Description)	Dual Mini
8	Orange - Speaker +	R (Right)
7	Not Connected	NC
6	Red - Speaker -	S (Right)
5	Not Connected	NC
4	Not Connected	NC
3	Not Connected	NC
2	Brown - Mic+	T (Left)
1	Uncoated - Shield Mic-	S (Left)



PHS-SB110E Single-Ear Headset



PHS-SB210E Dual-Ear Headset



3.5 mm Dual Mini (Gold) TRRS Connector

Pliant Technologies, LLC
205 Technology Parkway
Auburn, Alabama 36830 USA
www.plianttechnologies.com
Phone +1.334.321.1160
Toll-Free 1.844.475.4268 or 1.844.4PLIANT
Fax +1.334.321.1162

* Notice About Specifications: While Pliant makes every attempt to maintain the accuracy of the information contained in this document, this information is subject to change without notice. Please check our website for the latest system specifications and certifications.

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