SmartBoom® PRO Headset Product Specifications

Dynamic Microphone Headset Models: PHS-SB110-4F, PHS-SB110-TA6F, PHS-SB110-4M, PHS-SB110-5M, PHS-SB110-U, PHS-SB210-4F, PHS-SB210-TA6F, PHS-SB210-4M, PHS-SB210-5M, PHS-SB210-U

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
- Dynamic noise-cancelling hypercardioid 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
- Cloth Storage Bag

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-TA6F Cable with 6-Pin Mini 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	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 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-SB110/SB210-4F	4-Pin XLR Female
PHS-SB110/SB210-TA6F	6-Pin Mini XLR Female
PHS-SB110/SB210-4M	4-Pin XLR Male
PHS-SB110/SB210-5M	5-Pin XLR Male
PHS-SB110/SB210-U	Unterminated

PIN CONNECTION							
Plug Pin	Wire (Color and Description)	Single-Ear			Dual-Ear		
		4-Pin XLR Female/Male	5-Pin XLR Male	6-Pin Mini XLR Female	4-Pin XLR Female/Male	5-Pin XLR Male	6-Pin Mini XLR Female
8	Brown - Speaker R+	4	5	4	4	4	4
7	Blue - Speaker L+	4	NC	4	4	5	4
6	Red - Speaker R-	3	3	3	3	3	3
5	Orange - Speaker L-	NC	NC	NC	3	3	3
4	Uncoated - Shield	1	1	1	1	1	1
3	Uncoated - Shield	1	1	1	1	1	1
2	Yellow - Mic+	2	2	2	2	2	2
1	Green - Mic-	1	1	1	1	1	1



PHS-SB110
Single-Ear Headset



PHS-SB210
Dual-Ear Headset

Pliant Technologies, LLC
CrewCom®
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.

Copyright © 2020-2024 Pliant Technologies, LLC. All rights reserved. The Pliant® and CrewCom® word marks and the Pliant "P" logo are registered trademarks of Pliant Technologies, LLC. The SmartBoom® word mark is a trademark of CoachComm LLC. All other trademarks are property of their respective owners.

PLIANT TECHNOLOGIES