

SmartBoom®PRO Headset Product Specifications

PHS-SB100-4F, PHS-SB100-5M, PHS-SB100-U, PHS-SB200-4F, PHS-SB200-5M, PHS-SB200-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 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)

Specification*	SmartBoom PRO		
Microphone			
Microphone Type	Dynamic		
Frequency Response	50-10,000 Hz		
Mic Sensitivity	-58 dBV/Pa		
Pattern	Cardioid uni-directional		
Output Impedance	200 Ω		
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 (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	8.1 oz (229.63 g)		
Dual	11.4 oz (323.18 g)		
Cable	3.8 oz (107.73 g)		
Connector Options			
PHS-SB100/SB200-4F	4-pin XLR Female		
PHS-SB100/SB200-5M	5-pin XLR Male		
PHS-SB100/SB200-U	Unterminated		

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What's in the Box?

- Headse
- Operating Manual
- Ear Sock

Replacement Parts

SBP-PAD-EAR Ear Pad
SBP-PAD-HEAD Headband Pad
SBP-32988042 Windscreen
SBP-ES-988 Ear Sock

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

PIN CONNECTION			
Headset Plug Pin	Wire (Color and Description)	4-Pin XLR Female	5-Pin Male XLR
8	Blue - Speaker R+	4	4
7	Brown - Speaker L+	4	5
6	Red - Speaker R-	3	3
5	Orange - Speaker L-	3	3
2	Yellow - Mic+	2	2
1	Green - Mic-	1	1
3	Uncoated - Shield	1	1
4	No connect	NC	NC

Microphone Polar Pattern



^{*} 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.





