



SmartBoom® PRO Headset Product Specifications

Electret Microphone Headset Models: PHS-SB110E-4F, PHS-SB110E-5M, PHS-SB110E-U, PHS-SB110E-DMG, PHS-SB210E-4F, 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-DMG Cable with Gold Dual Mini (3.5 mm) Termination

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-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					
Headset Plug Pin	Wire (Color and Description)	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

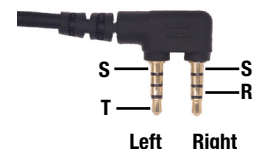
DUAL MINI WIRE PIN CONNECTION		
Headset Plug Pin	Wire (Color and Description)	Dual Mini
8	Orange - Speaker +	R (Right)
7	Not Connected	NC
6	Red - Speaker -	S (Right)
5	Not Connected	NC
4	Not Connected	NC
3	Not Connected	NC
2	Brown - Mic+	T (Left)
1	Uncoated - Shield Mic-	S (Left)



PHS-SB110E
Single-Ear Headset



PHS-SB210E
Dual-Ear Headset



3.5 mm Dual Mini (Gold)
TRRS Connector

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* 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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