



SmartBoom® PRO Headset Product Specifications

Electret Microphone Headset Models: PHS-SB110E-DM, PHS-SB210E-DM

PHS-SB110E-DM and PHS-SB210E-DM 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 unidirectional 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 | 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 |
| 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-SB110E/SB210E-DM | Dual Mini (3.5 mm TRRS) |

What's in the Box?

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

Replacement Parts

- SBP-PAD-EAR Ear Pad
- SBP-PAD-HEAD Headband Pad
- SBP-32988042 Windscreen
- SBP-ES-988 Ear Sock
- PHS-CLIP-6PK Magnetic Cable Clips (6-pack)
- SBP-CAB-DM Cable with Dual Mini (3.5 mm) Termination

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



PHS-SB110E
Single-Ear Headset



PHS-SB210E
Dual-Ear Headset

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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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