



# SmartBoom<sup>®</sup> LITE Headset Product Specifications

Dynamic Microphone Headset Models: PHS-SB11L2-4F, PHS-SB11L2-4M, PHS-SB11L2-5M, PHS-SB11L2-TA6F, PHS-SB11L2-U

## Overview

The SmartBoom Series of headsets is part of a line of communications headsets that incorporate a convenient flip-up microphone muting feature. Specifically designed for exceptional comfort, flexibility, and durability, SmartBoom headsets deliver unparalleled quality and consistent performance, even in the most demanding professional environments.

## SmartBoom LITE Key Features

- Single-ear lightweight design with enhanced acoustic isolation
- Swivel ear cup for a comfortable fit
- Closed back supra-aural (on ear) design
- Flexible, ambidextrous swiveling mic boom
- SmartBoom flip-up microphone mute
- Dynamic noise-canceling hypercardioid microphone optimized for voice communications
- Comfort-fit adjustable headband
- Replaceable ear cushion pad, temple pad, and windscreen
- Non-reflective rubberized matte black finish
- Field-replaceable cable (1.5 m/5 ft.)

| Specification*              | SmartBoom LITE         |
|-----------------------------|------------------------|
| <b>Microphone</b>           |                        |
| 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   |
| <b>Speaker (Headphone)</b>  |                        |
| Speaker Type                | Dynamic                |
| Frequency Response          | 100–20,000 Hz          |
| Sensitivity at 1 kHz 316 mV | 110 dB ± 3 dB SPL      |
| Nominal Impedance           | 96 Ω ± 15% at 1 kHz    |
| Max Input Power             | 500 mW                 |
| <b>Cables</b>               |                        |
| Termination at Ear          | Fixed                  |
| Length                      | 1.52 m (5.00 ft.)      |
| Outside Diameter            | 4.00 mm (0.15 in.)     |
| <b>Physical Features</b>    |                        |
| Mic Boom Length             | 215.90 mm (8.50 in.)   |
| Weight (with cable)         | 144 g (5.1 oz.)        |
| <b>Connector Options</b>    |                        |
| PHS-SB11L2-4F               | 4-Pin XLR Female       |
| PHS-SB11L2-4M               | 4-Pin XLR Male         |
| PHS-SB11L2-5M               | 5-Pin XLR Male         |
| PHS-SB11L2-TA6F             | 6-Pin Mini XLR Female  |
| PHS-SB11L2-U                | Unterminated           |

## What's in the Box?

- Headset
- Datasheet
- Ear Sock
- Magnetic Cable Clip
- Windscreen
- Headset Bag

## Replacement Parts

- |                                 |                                        |
|---------------------------------|----------------------------------------|
| • SBL-EAR-10PK                  | Ear Pad (10-Pack)                      |
| • SBL-PAD-TEM                   | Temple Pad                             |
| • SBL-WS-10PK                   | Windscreen (10-Pack)                   |
| • PHS-CLIP-6PK                  | Magnetic Cable Clip (6-Pack)           |
| • SBP-CAB-[4F/4M/5M/DMG/TA6F/U] | Field-replaceable 5 ft. (1.52 m) cable |

| PIN CONNECTION |                              |                       |                |                       |
|----------------|------------------------------|-----------------------|----------------|-----------------------|
| Plug Pin       | Wire (Color and Description) | 4-Pin XLR Female/Male | 5-Pin XLR Male | 6-Pin Mini XLR Female |
| 4              | Uncoated Shield - Mic -      | 1                     | 1              | 1                     |
| 5              | Brown - Mic +                | 2                     | 2              | 2                     |
| 1              | Orange - Speaker -           | 3                     | 3              | 3                     |
| 2              | Red - Speaker +              | 4                     | 4              | 4                     |

| PIN CONNECTION |                              |           |
|----------------|------------------------------|-----------|
| Plug Pin       | Wire (Color and Description) | Dual Mini |
| 4              | Uncoated shield (Mic -)      | S (Left)  |
| 5              | Brown (Mic -)                | T (Left)  |
| 2              | Red (Speaker -)              | S (Right) |
| 1              | Orange (Speaker +)           | R (Right) |



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

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PHS-SB11L2\_DATASHEET\_D0000716\_A

PHS-SB11L2  
Single-Ear Lightweight  
Headset

