

## Professional Headset (Dynamic Microphone) PHS-SB11L-4F, PHS-SB11L-5M, PHS-SB11L-U

The new and improved SmartBoom® LITE series of headsets is part of a line of highly capable communications headsets that incorporate Pliant Technologies' SmartBoom technology, a convenient flip-up microphone muting feature useful for ensuring clearer communications in many professional environments.

SmartBoom LITE headsets put the latest communication innovations into the hands of professionals. Designed into a smaller form factor, these lightweight headsets are useful for challenging applications where comfort, dependability, and intelligibility are crucial. In addition to the innovative SmartBoom microphone mute function, SmartBoom LITE headsets incorporate a closed-back, single on-ear design featuring a new ear cushion for added on-ear stability and comfort. The headset also features a flexible boom that includes a dynamic noise-canceling hypercardioid microphone optimized for clear voice communications.



**PHS-SB11L**  
Single-Ear Lightweight

### Features

- Single-ear lightweight design with added stability and comfort
- Improved wider frequency response
- 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 and windscreen
- Non-reflective rubberized matte black finish
- Fixed cable (5 ft./1.5 m. Available as 4-pin female XLR, 5-pin male XLR, or unterminated.)

### What's in the Box?

- Headset
- Datasheet
- Ear Sock
- Magnetic Cable Clip

## Wiring Diagram for Connector Inputs

CABLE PIN OUT		
Wire (Color and Description)	4-Pin Female XLR	5-Pin Male XLR
Uncoated Shield (Mic Ground)	1	1
Brown (Mic +)	2	2
Orange (Speaker -)	3	3
Red (Speaker +)	4	4
Blue (Speaker +)	NC	5

REPLACEMENT PARTS	
SBL-EAR-6PK	Ear Pad (6-Pack)
SBL-32985015	Windscreen
SBL-ES-985	Ear Sock
PHS-CLIP-6PK	Magnetic Cable Clip (6-Pack)

## Specifications\*

### PHS-SB11L

#### 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

#### Speaker (Headphone)

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

#### Cables

Termination at Ear	Fixed
Length	5.00 ft. (1.52 m)
Outside Diameter	0.15 in. (4.00 mm)

#### Physical Features

Mic Boom Length	8.50 in. (215.90 mm)
Weight (with cable)	5.1 oz (144 g)

#### Connector Options

PHS-SB11L-4F	4-Pin XLR Female
PHS-SB11L-5M	5-Pin XLR Male
PHS-SB11L-U	Unterminated

#### Warranty

One Year Parts and Labor

#### \* Notice About Specifications

While Pliant makes every attempt to maintain the accuracy of the information contained in these specifications, that information is subject to change without notice. Performance specifications included in this document are design-centered specifications and are included for customer guidance and to facilitate system installation. Actual operating performance may vary.

Manufacturer reserves the right to change specifications to reflect latest changes in technology and improvements at any time without notice.