

# HEADSETS & LAVALIERS

**HMB100S  
HMB100M  
HMS200S  
HMS200M  
HMS2000S  
HMS2000M**

**LMB1000S  
LMB1000M  
LMB100S  
LMB100M**

## USER MANUAL



**A.E.B. INDUSTRIALE s.r.l.**  
Via Brodolini, 8 - 40056 Crepellano (Bo) - ITALIA  
Tel. + 39 051 969870 - Fax. + 39 051 969725  
Internet: www.dbttechnologies.com  
E-mail: info@dbttechnologies-sec.com

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### TECHNICAL DATA

#### LMB1000S - LMB1000M Lavalier Microphone

Lavalier microphone for musical instrument and broadcasting use.

Cartridge:	Electret Type
Polar Pattern:	Unidirectional-cardioid
Frequency Response:	50Hz-16KHz
Sensitivity:	-45dB ± 3dB
Output Impedance:	600Ω ±30% (at 1KHz)
Operating voltage:	48V D.C.
Cartridge dimension:	Diam. 12mm
Cable dimensions:	Diam. 2mm x 1800mm
Connector:	Jack 3,5 stereo (LMB1000S) Figure 1 / mono (LMB1000M) Figure 2
Colour:	Black
Accessory:	Tie-clip, windscreen

#### LMB100S - LMB100M Lavalier Microphone

Lavalier microphone for speech application.

Cartridge:	Electret Type
Polar Pattern:	Unidirectional-cardioid
Frequency Response:	50Hz-16KHz
Sensitivity:	-45dB ± 3dB
Output Impedance:	600Ω ±30% (at 1KHz)
Operating voltage:	1,5-10V D.C.
Cartridge dimension:	Diam. 8mm
Cable dimensions:	Diam. 2mm x 1200mm
Connector:	Jack 3,5 stereo (LMB100S) Figure 3 / mono (LMB100M) Figure 4
Colour:	Black
Accessory:	Tie-clip, windscreen

#### HMB100S - HMB100M Headset Microphones

Ergonomic microphone with double hook for speech application which requires much freedom of movement:

Cartridge:	Electret Type
Polar pattern:	Unidirectional-cardioid
Frequency Response:	50Hz-18KHz
Sensitivity:	-47dB ± 3dB
Output impedance:	650Ω
SPL max:	120dB

### JACK CONNECTIONS

H= HOT C= COLD S= SHIELD

#### LMB1000S MODELS

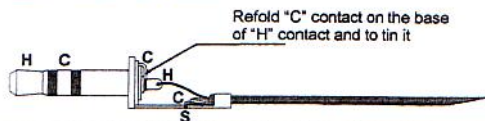


Fig.1

#### LMB1000M MODELS



Fig.2

#### LMB100S MODELS

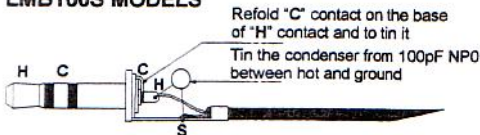


Fig.3

#### LMB100M MODELS



Fig.4

#### STEREO CONNECTION MODEL

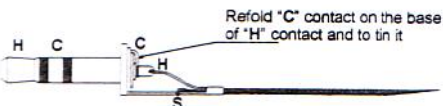


Fig.5

#### MONO CONNECTION MODEL



Fig.6

Operating voltage:	1,5-10V D.C.
Cartridge dimension:	Diam. 15mm
Cable dimensions:	Diam. 2mm x 1200mm
Output connector:	Jack 3,5 stereo (HMB100S) Figure 5 / mono (HMB100M) Figure 6
Colour:	Black
Accessory:	Windscreen

#### HMS200S - HMS200M Mini Ear-hanging Microphone

Professional microphone, tiny size, single hook for left or right ear positioning.

Cartridge:	Electret Type
Polar pattern:	Omni-directional
Frequency Response:	20Hz-20KHz
Sensitivity:	-45dB ± 3dB
Output impedance:	2KΩ +/- 30%
SPL max:	135dB
Operating voltage:	1,5-12V
Cartridge dimension:	Diam. 5mm
Cable dimensions:	Diam. 1,4mm x 1200mm
Output connector:	Jack 3,5 stereo (HMS200S) Figure 5 / mono (HMS200M) Figure 6
Colour:	Skin
Accessory:	Windscreen

#### HMS2000S - HMS2000M Headset Microphone

Professional microphone, tiny size, double hook for left or right ear microphone positioning.

Cartridge:	Electret Type
Polar pattern:	Omni-directional
Frequency Response:	20Hz-20KHz
Sensitivity:	-45dB ± 3dB
Output impedance:	2KΩ +/- 30%
SPL max:	140dB
Operating voltage:	1,5-12V
Cartridge dimension:	Diam. 3,5mm
Cable dimensions:	Diam. 1,4mm x 1200mm
Output connector:	Jack 3,5 stereo (HMS2000S) Figure 5 / mono (HMS2000M) Figure 6
Colour:	Skin
Accessory:	Windscreen