



## LBB 3330 Delegate Unit



The LBB 3330 delegate units enable delegates to actively take part in the proceedings. A built-in microphone allows them to speak to the other delegates, and they can listen to the discussion using the built-in loudspeaker or (optional) personal headphones.

### Functions

#### Microphone with flexible stem and light ring

The microphone is mounted on a flexible stem, which is easily adjustable to suit personal preferences. It also allows two people to use the same delegate unit as they can pull the microphone towards them when required to speak. Incorporated into the head of the microphone is a light ring which illuminates red to indicate when the microphone is on.

#### Built-in loudspeaker

Loudspeaker volume is set centrally at the Central Unit for all delegate units. To prevent acoustic feedback, the built-in loudspeaker is automatically muted when the microphone is on.

- ▶ **Microphone with flexible stem and light ring**
- ▶ **Built-in loudspeaker**
- ▶ **Two headphone sockets**
- ▶ **Built-in volume control for headphones**
- ▶ **Compact, attractive design**
- ▶ **Available with standard or extended length microphone stems**

#### Two headphone sockets

Two 3.5 mm (0.14 in) stereo headphone sockets (wired for mono) allow two pairs of headphones to be connected so two delegates can simultaneously use the unit. It is also possible to connect a tape recorder to one headphone socket, and use the other headphone socket to listen to the proceedings.

#### Built-in volume control for headphones

The headphone volume level can be adjusted by means of a thumbwheel on the unit for maximum comfort.

#### Compact, attractive design

Featuring modern, unobtrusive styling and finished in charcoal gray these units make a valuable addition to any venue.

#### Standard or Extended Length Microphone Stems

The delegate units are available with standard 313 mm (12.3 in) or extended 488 mm (19.2 in) microphone stem lengths.

#### Controls and Indicators

- Microphone on/off button
- Rotary volume control for adjusting headphone volume
- Loudspeaker, automatically muted when microphone is on and/or headphones are connected
- Microphone 'on' indicator (red LED)
- Light ring indicator on microphone stem, lights up red when microphone is on

**Interconnections**

- 1 x 2 m (78.7 in) cable terminated with a 7-pole male connector for loop-through connection to other delegate or chairman units, or to a Central Unit
- 1 x 7-pole circular female connector for loop-through connection to other delegate or chairman units
- 2 x 3.5 mm (0.14 in) stereo headphone sockets

**Technical Specifications****Electrical****Contribution unit**

Typical frequency control 25 Hz to 12.5 kHz tolerances according to IEC 60914 standard

**Total harmonic distortion**

at nominal input level < 0.5 %  
(85 dB SPL)

at maximum input level < 3 %  
(110 dB SPL)

**Auto microphone switch-off function (selectable on the Central Unit)**

after 30 seconds without speech (sound level below 64 dB SPL), the microphone is switched off

**Mechanical**

Dimensions unit without microphone (H x W x D) 63 x 124 x 172 mm (2.5 x 4.9 x 6.8 in)

Height with microphone in horizontal position 127 mm (5.0 in)

	LBB 3330/00	LBB 3330/50
Length of microphone from mounting surface	313 mm (12.3 in)	488 mm (19.2 in)

Weight approx. 1 kg (2.2 lb)

Mounting tabletop (portable or fixed)

Material (top) polymer

Material (base) painted metal

Color (top) charcoal (PH10736)

Color (base) black (PH80007)

**Ordering Information****LBB 3330/00 Delegate Unit**

microphone stem length 313 mm (12.3 inch)

**LBB 3330/50 Delegate Unit with Long Microphone**

microphone stem length 488 mm (19.2 inch)

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# System Specifications

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**BOSCH**  
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- ▶ Attractive and modern design
- ▶ Possible-To-Speak indication
- ▶ High speech intelligibility is ideal for small to medium-sized meetings
- ▶ Built-in MP3 recorder
- ▶ Digital acoustic feedback suppression

Conforms to international standard IEC 60914, the international standard for conference systems.

## Functions

- Two types of contribution unit (chairman and delegate)
- Delegate units enable participants to actively take part in a conference
- Control Unit controls and powers the microphones of contribution units and provides connections for audio inputs and outputs

## Certifications and approvals

### Safety

according to EN 60065

according to CAN / CSA-E60065

according to USA / UL 60065

### Electromagnetic compatibility

Emission EN 55103-1, FCC rules (part 15) class A

Immunity EN 50103-2

### Mains harmonics

prepared to EN 61000-3-2 and EN 61000-3-3

### Shock resistance, vibration resistance, bump and transport

according to IEC 60068-2-6, 5G acceleration

## Technical specifications

### Electrical

#### Contribution units

DC supply	24 V ± 1 V (current limited)
Typical frequency response	125 Hz to 12.5 kHz tolerances according to IEC 60268-4, 5 standard

#### Total harmonic distortion

at nominal input level (85 dB SPL)	< 0.5 %
at maximum input level (110 dB SPL)	< 1 %

#### Auto microphone switch-off function (selectable on the Control Unit)

after 30 seconds without speech (sound level below 64 dB SPL), the microphone is switched off

**Environmental**

**Temperature**

Operating	+5°C to +45°C (+41°F to +113°F)
Storage and transport	-20°C to +70°C (-4°F to +158°F)

**Humidity**

Operating	20% to 95% RH
Storage	up to 99% RH

**Air pressure**

	600 to 1100 mBar
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**System limits and cabling**

Maximum number of contribution units connected to Control Unit	50 units, (can provide control for 150 units)
Maximum number of contribution units per trunk output	25 units, (2 trunk outputs per Control Unit)
Maximum trunk length using CCS 800 Ultra standard cabling	100 m
Maximum control	150 units (consult your dealer for more information)

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