

LBB4511/00 Radiator for medium size area

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These radiators are used to distribute infrared signals throughout the conference venue, enabling delegates to listen to the proceedings by means of personal pocket receivers.

Functions

- Universal mains power facility allows use worldwide
- No fan - cooled by convection - resulting in quieter operation and less moving parts to wear out
- LED indicators for radiator status checking
- Communication between radiator and transmitter for easy checking by the operator
- Automatically switches on when transmitter is switched on and vice versa
- Automatic cable equalization ensures maximum transmission efficiency with different quality of cables
- Automatic cable termination simplifies installation
- Temperature protection circuitry automatically switches radiator from full- to half- power if the temperature becomes too high
- Adjustable radiator angle ensures maximum coverage
- IREDs protected by a cover plate, making the units easy to maintain and clean
- Attractive and stylish design

- ▶ LBB 4511/00 covers up to 1300 m² (one carrier, 4 standard quality channels)
- ▶ LBB 4512/00 covers up to 2600 m² (one carrier, 4 standard quality channels)
- ▶ Automatic gain control ensures the IREDs (infrared emitting diodes) function with maximum efficiency
- ▶ Power output selection for efficiency and economy
- ▶ Safety eye

Controls and Indicators

- Two yellow LEDs: one on each radiator panel to indicate that this panel is switched on and is receiving carrier waves from the transmitter
- Two red LEDs: one on each radiator panel to indicate that this panel is in standby mode
- Red and yellow LEDs simultaneously illuminated to indicate the radiator panel is malfunctioning
- Red LED flashing and yellow LEDs to indicate the radiator panel is in temperature protection mode
- Power reduction switch to reduce the output of the radiator to half-power
- Two delay compensation switches to compensate for differences in cable lengths between transmitter and radiators

Interconnection

- Male Euro socket for mains connection
- HF input and output connectors (2 x BNC) for connection to transmitter and loop-through to other radiators

Certifications and approvals

Region	Regulatory compliance/quality marks
Europe	CE DECL EC LBB4511_00

Parts included

Quantity	Component
1	LBB4511/00 Radiator for medium size area
1	Mains cable
1	Bracket for mounting unit on ceiling
1	Plates for mounting unit on floor stand

Technical specifications**Electrical**

Mains voltage	100-240 Vac, 50-60 Hz
Power consumption operating	100 W
Power consumption standby	8 W
Number of IREDS	260
Total optical peak intensity	12 W/sr
Angle of half intensity	± 22°
HF input	Nominal 1 Vpp, minimum 10 mVpp

Mechanical

Mounting	<ul style="list-style-type: none"> • Suspension bracket for direct ceiling mounting. • Mounting plates for floor stands with M10 and 1/2 in Whitworth thread. • Optional wall mounting bracket (LBB 3414/00) available. • Safety eye.
Dimensions (H x W x D) without bracket	200 x 500 x 175 mm (7.9 x 19.7 x 6.9 in)

Radiator angle: floor-stand mounting	0, 15, and 30°
Radiator angle: wall/ceiling mounting	0, 15, 30, 45, 60, 75 and 90°
Weight without bracket	6.8 kg (15 lb)
Weight with bracket	7.6 kg (17 lb)
Color	Bronze

Ordering information

LBB4511/00 Radiator for medium size area
 Integrus medium-power radiator to cover up to 1300 m² (13993 ft²).
 Order number **LBB4511/00**

Services

EWE-INTRAD-IW 12mths wrty ext Integrus Radiator
 12 months warranty extension
 Order number **EWE-INTRAD-IW**

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