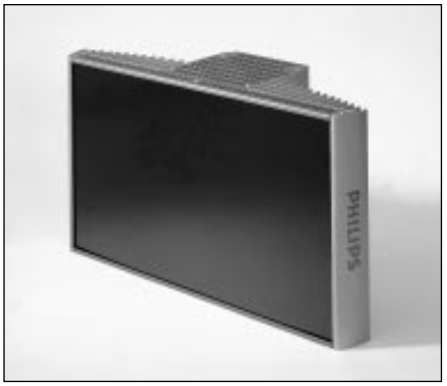
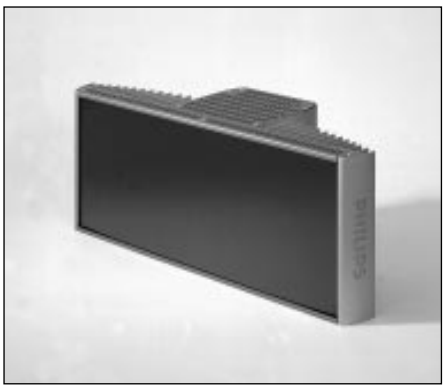
LBB 3411/00 and LBB 3412/00

High-Power infra-red Radiators

- Universal mains power facility (90 to 264 Va.c.)
- Power output selection for efficiency and economy
- LED status indicators for radiator status checking
- Automatic cable termination simplifies installation
- Output power 25 W (LBB 3412/00) or 12.5 W (LBB 3411/00)





The LBB 3411/00 and LBB 3412/00 are high-power infra-red radiators which are ideal for use in even the largest conference venues. The LBB 3411/00 is equipped with 252 IREDs giving an output power of 12.5 W, while the LBB 3412/00 has 480 IREDs which deliver 25 W. This high output, coupled with effective directionality, gives very good coverage of larger venues or halls with large ceilings in an economical and easy manner. The radiators are stylishly designed and finished, and have a modern appearance which can complement any conference venue. They have convection cooling which means no cooling fan is required, so the radiators function quietly and unobtrusively.

The LBB 3411/00 and LBB 3412/00 can be connected to virtually any infra-red transmitter which uses the same analogue FM protocol in a simple loop-through configuration. Their universal mains power supply means they can be directly connected to the mains power supply almost anywhere. They are switched on automatically when the transmitter is switched on. If a radiator is not receiving carrier waves from the transmitter, it will automatically revert to standby mode to save power. It is possible to select either full- or half-power output, as required, using the power reduction switch. An automatic gain control inside each unit ensures the IREDs function with maximum efficiency.

To ensure easy monitoring, the radiators have LED status indicators which give visual confirmation that they are working properly. The radiators also communicate with the infra-red transmitter, which has a radiator status indicator to allow a centrally-located operator to easily check the radiators are connected and functioning properly. Should the radiators malfunction, or not be correctly connected, a warning LED on the transmitter will light. There is also built-in temperature protection circuitry, which automatically switches a radiator from full- to half-power if the temperature of the IREDs becomes too high. In this situation, a red warning LED will flash on the radiator. The IREDs are also protected by an attractive covering plate, making the units easy to maintain and clean.

The radiators can be mounted on walls, ceilings or stands - whichever is most suitable for the conference venue. A mounting bracket is provided for stand-mounting. A separate bracket (LBB 3414/00) is available for wall- or ceiling mounting. Once in place, the radiators can be adjusted through 0, 15 and 30° for floor-stand mounting, and through 0, 15, 30, 45, 60, 75 and 90° for wall/ceiling mounting, therefore ensuring maximum coverage.

Controls and Indicators

- Yellow LED only to indicate radiator is switched on and receiving transmitter signals.
- Red LED only to indicate the radiator is switched to standby mode.
- Red and yellow LEDs simultaneously illuminated indicate the radiator is malfunctioning.
- Yellow LED and flashing red LED to indicate that the radiator is in temperature protection mode.
- Power reduction switch to reduce the output of the radiator to half-power.

Interconnection

- Male Euro mains socket for mains connection (mains cable included).
- HF input and output connectors for connection to transmitter and loop-through to other radiators (2 x BNC connectors). Automatic cable termination by built-in switch.

Technical Data	LBB 3411/00	LBB 3412/00
Dimensions (H x W x D) (without bracket)	200 x 500 x 175 mm (7.9 x 19.7 x 7.0 in.)	280 x 500 x 175 mm (11.0 x 19.7 x 6.9 in.)
Weight: with bracket without bracket	8 kg (17.6 lb) 7 kg (15.4 lb)	11 (24.2 lb) 10 kg (22.0 lb)
Finish	Bronze coloured	Bronze coloured
Mounting	Ceiling, wall or floor stand	Ceiling, wall or floor stand