



Specify Part Number

LBB 4540/04: 4-Channel Pocket Receiver
LBB 4540/08: 8-Channel Pocket Receiver
LBB 4540/32: 32-Channel Pocket Receiver

These ergonomically designed receivers offer up to CD quality Mono or Stereo Audio for both language and music.

The incorporated Integrus digital technology reassure excellent reception in less than optimal positions and even outside in bright sunlight.

The receivers only display the channels in use by the system and have an excellent battery life.

Key Features & Benefits

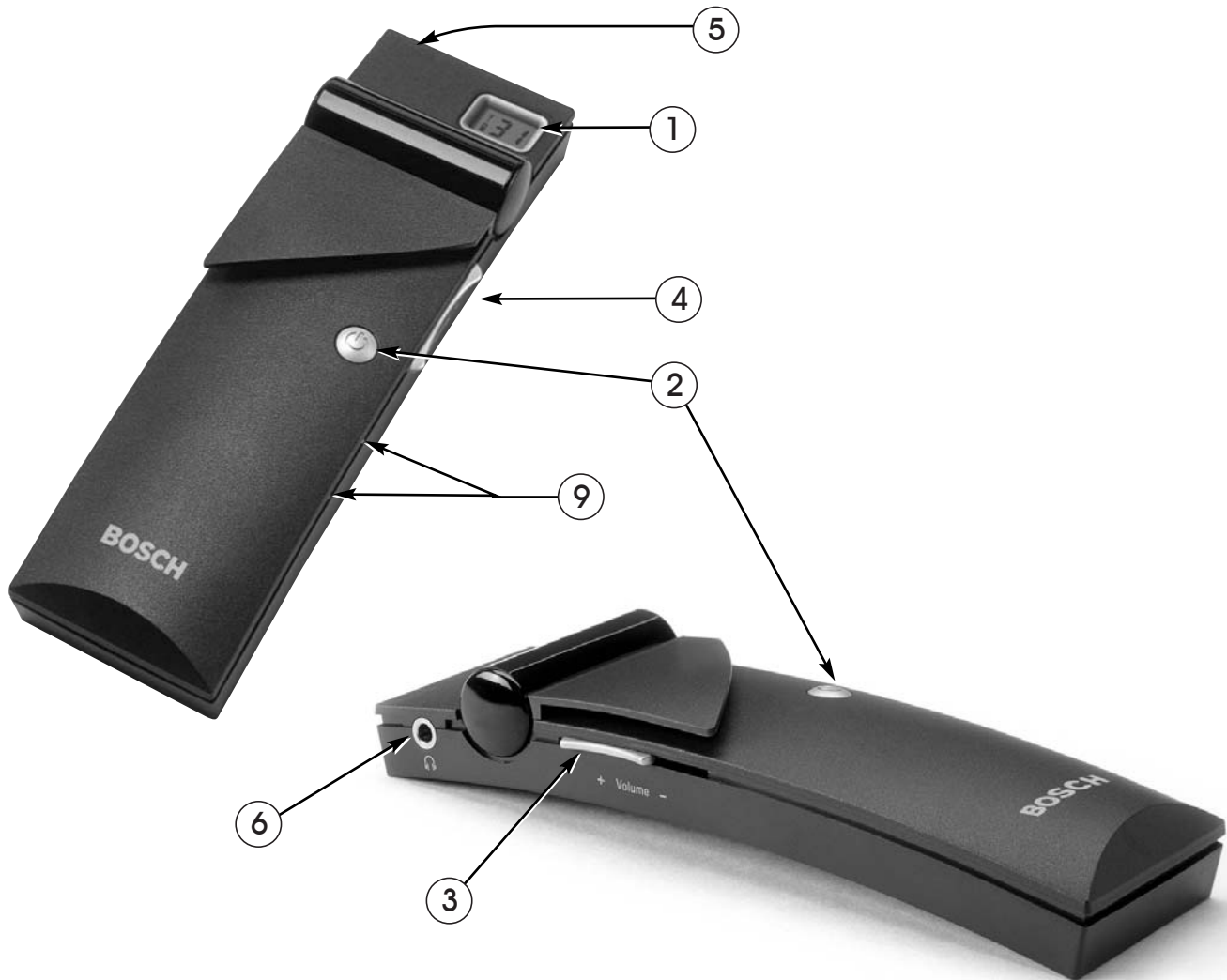
- Long battery life, 200 hours with disposable and 75 hours with rechargeable AA batteries.
- Integrated charging electronics and contacts, rechargeable batteries do not have to be removed.
- 2-digit LCD display with low battery and reception status indication
- Number of available channels is always the same as the number of channels in use by the system, eliminating the need to scroll through unused channels
- Audio signal automatically muted when signal is too low, ensuring that the user receives only high quality audio
- Can be used outdoors in bright sunlight thru the use of digital technology and a daylight filter over the lenses.
- No manual tuning required, all possible INTEGRUS carriers (frequencies) can be received by the receivers and can be selected via easy channel selection; channel 0 thru 1,2,3,4,5,.....,8,.....15,.....31 (depending on receiver capacity and number of channels configured on transmitter)
- Can be used with disposable batteries (2 AA alkaline batteries) or environmentally-friendly NiMH rechargeable battery pack (LBB 4550/00)
- No power used when headphone is disconnected
- Receivers automatically switches off when transmitter/radiator is switched off, saving battery life.
- Clip for easy wearing
- Measurement mode for easy checking of radiator coverage
- Attractive and stylish design
- Recharges from empty to full capacity within 1 hour and 45 minutes

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Don't miss a single sound.





Key Features & Benefits

1. 2-digit LCD display with channel number, battery and reception status indication
2. On/off button
3. Volume control side adjuster
4. Channel selection up/down buttons
5. Charging indicator LED
6. 3.5 mm (0.14 in.) stereo jack output socket for headphones
7. Battery contacts for use with AA alkaline batteries (not shown, inside unit)
8. Connector for use with LBB 4550 battery packs (not shown, inside unit)
9. Charging contacts on the left-hand side of the receiver for compatibility with LBB 4560 charging units

Specifications

Physical	Dimensions H x W x D	6.1 x 1.8 x 1.2 in. (155 x 45 x 30 mm)
	Weight	excluding batteries 0.16 lb. (75 g)
	Finish	including batteries 0.27 lb. (125 g) Charcoal with silver
Electrical and Optical Characteristics	IR irradiance level	4 mW/m ² per carrier
	Angle of half sensitivity	±50 °
	Headphone output level	at 2.4 V : 450 mVrms (speech at maximum volume, 32 Ohm headphone)
	Headphone output frequency range	20 Hz to 20 kHz
	Headphone output impedance	32 ohm to 2 kohm
	Max. signal-to-noise ratio	80 dB(A)
	Supply voltage	1.8 to 3.6 V, nominal 2.4 V
	Power consumption at 2.4 V	15 mA (speech at maximum volume, 32 ohm headphone)
System Environmental Conditions	Power consumption (standby)	< 1 mA
	Working conditions	Fixed/stationary/transportable
	Temperature range - transport	-40 to 158 °F (-40 to + 70 °C)
	Temperature range - operating	41 to 113 °F (+5 to + 45 °C)
	Maximum relative humidity	< 93%
	Safety	According to EN 60065, CAN/CSA-E65 (Canada and US) and UL 6500
	EMC emission	According to harmonized standard EN 55103-1 and FCC rules part 15, complying with the limits for a class A digital devices
	EMC immunity	According to harmonized standard EN 55103-2
	EMC approvals	Affixed with the CE mark
	ESD	According to harmonized standard EN 55103-2
	Mains harmonics	According to harmonized standard EN 55103-1
Environmental requirements	Contains no banned substances as specified in UAT-0480/100 (e.g. no cadmium or asbestos)	

Photographs, CAD drawings, etc. available at www.ListenTech.com.

Warranty

Most Bosch equipment carries a 3 year limited manufacturer's warranty (excluding accessories) to be free from defects in workmanship and material under normal use and conditions. Bosch rechargeable batteries carry a 1 year warranty. All Bosch accessory items carry a 90-day warranty to be free from defects in workmanship and material under normal use and conditions. Warranty does not cover normal wear and tear on the product or any other physical damage unless the damage was the result of a manufacturing defect. This warranty is void if damage occurred because of misuse or if the product has been repaired or modified by anyone other than a factory authorized service center. Contact Listen or see the Listen website for further details.

Accessories



LA-330 Portable Unit Lanyard

This lanyard boasts a simple, yet elegant design to enable users to wear portable audio units around their necks. The lanyard keeps the units flat on the chest and an adjustable strap allows the wearer to tailor the length of the lanyard.



LBB 4550/00 Integrus Receiver Rechargeable NiMH Battery Pack

NiMH battery pack to be used with LBB 4550 Integrus Pocket Receiver. Features a temperature sensor for an optimal charging process. Battery life is up to 75 hours.