

AKG ACOUSTICS

Attach. Connect. Record.



An Easy Job.

With the New C 542 BL.



AKG ACOUSTICS

- Extremely small and inconspicuous, lightweight yet rugged
- Delivers superior sound combined with outstanding ease of use
- High sensitivity and low self-noise ensures generous headroom

The **C 542 BL** is a high quality boundary microphone designed to deliver superior results for a multitude of recording applications. The boundary layer technique is well-known for recording and offers non-directional pickup that is frequency-independent.

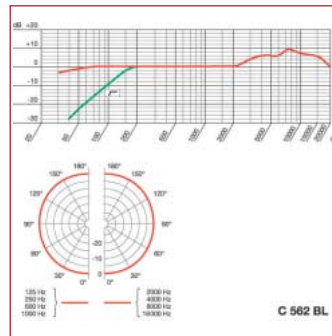
Succeeding the proven C 562 BL, the **C 542 BL** is small, light-weight and easy to place – no stand is needed. Since the transducer sits in a metal plate only 5 mm (0.2 in) thick, the plate doesn't interfere with or color the sound. Frequency response is very uniform within its hemisphere and it captures the "room sound" of an instrument very accurately.

The **C 542 BL** can be permanently attached to the floor or wall of a studio using the screw holes in the plate or attached temporarily using the supplied adhesive compound. Its 3-pin output connector also has a switchable bass-cut filter to minimize surface-born noise.

Easy to use and sonically versatile, the **C 542 BL** is a great addition to the "mic locker" of any studio.

SPECIFICATIONS

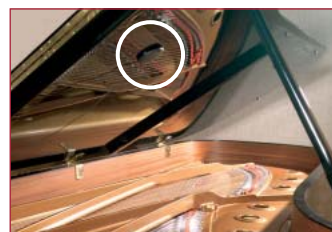
Polar pattern:	omnidirectional (hemispherical)
Frequency range:	20 Hz to 20 kHz
Sensitivity:	20 mV/Pa (-34 dBV)
Max. SPL for 1% THD:	130 dB
Equivalent noise level (CCIR 468-3):	26 dB
Equivalent noise level:	16 dB-A
Signal/noise ratio (A-weighted):	78 dB
Bass cut filter:	switchable flat or 150 Hz, 12 dB/octave
Electrical impedance:	< 600 ohms
Recommended load impedance:	≥ 2.000 ohms
Powering:	9 to 52 V phantom power to DIN 45 596
Current consumption:	< 2 mA
Connector:	3-pin XLR
Finish:	dark gray
Size:	80 dia. x 5 (10) mm (3.1 x 0.2/0.4 in.)
Net weight (w/o cable):	56 g (2 oz.)
Standard accessories:	fixed 3-m (10-ft.) connecting cable with XLR connector, adhesive compound
Optional accessories:	B 18 battery power supply
Item number:	2762 Z 0001



Hemispherical pattern (in front of boundary)



Sound entry ports on C 542 BL top



Recording a grand piano



Recording drums



Adhesive compound for easy installation



Extremely rugged construction



XLR connector with integrated bass cut filter



Optional B 18 battery power supply

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