



NEUMANN.BERLIN

▶▶ THE MICROPHONE COMPANY

Broadcast Line

BCM 104 – BCM 705

Radio needs
characters.



www.neumann.com

Long live radio!

Makes speech captivating.

With its large-diaphragm condenser capsule and cardioid directional characteristic, the BCM 104 is ideal for the faithful reproduction of speech and music. This is due, for instance, to the frequency response that is flat up to 3 kHz and then gradually boosted in the higher frequencies. If required, internal switches can be used to compensate for the proximity effect and to reduce the sensitivity by 14 dB. The versatility of the BCM 104 can be seen in its wide range of applications, from round-table discussions, to radio plays, to musical recordings.

Emotion conveyed with technical perfection. This is the ideal which the Neumann microphones in the Broadcast Line have been designed to fulfill. The fine-tuning to the requirements of professional broadcast studios and the individual, functionally optimized design* ensure that these are microphones of character.

Makes speech expressive.

The BCM 705 is Neumann's first dynamic microphone. The housing and headgrille are identical to those of the BCM 104; only the green logo indicates that this is something new from Neumann. The principle of reduction to the essentials can be seen in the dynamic capsule with a hypercardioid directional characteristic, specifically designed for speech reproduction at close range. Multi-level isolation from structure-borne noise ensures operation free of interference, even in a lively studio environment.

The condenser microphone BCM 104

The dynamic microphone BCM 705

"There's no doubt that the Neumann BCM 104 made a big impression – as you would expect from a very well engineered package – the built-in mount is a really great idea – and the sound is very, very good." (Audio Media, March 2004)

"In addition to looking the part of a 21st-century mic, the BCM's impressive specs and sound should please any discerning audio pro." (MIX Magazine, August 2004)

"... since the quality of the BCM 104 is optimal for broadcast speaking applications. This applies not only to the sound characteristics, but also to the overall handling features, with the replaceable headgrille, pop protection and hidden switches for the preattenuation and high-pass filter." (Production Partner, September 2003)



"This impressive sound lends the voice a certain authority: the voice always seems clear and comprehensible... It remains the case that the Neumann name is an indication of quality." (Cut, March 2005)

"Probably no other manufacturer has so thoroughly considered the details of microphones for radio announcers. The result is a mic which is very convenient to use, with ingenious maintenance and servicing features ... Altogether, these details will enhance the pleasure of working 'on air'." (Production Partner, April 2005)

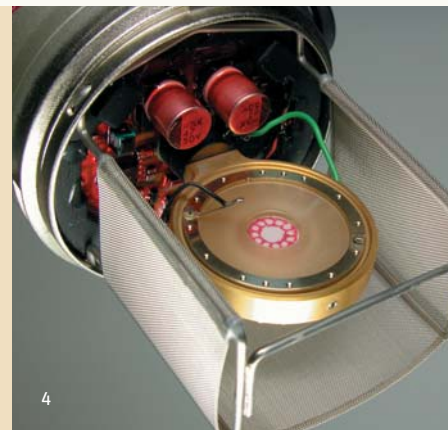
Features of the BCM 104 and the BCM 705

- Characteristic, functionally optimized design*
- Integrated pop protection (1)
- Integrated elastic suspension (2)
- Individual headgrilles for different users
- Colored rings to identify the replacement headgrilles
- Easy removal and cleaning of microphone headgrille (with bayonet mount) (3)
- Mechanical compatibility with standard studio boom arms



BCM 104

- Logo color: red
- Large-diaphragm condenser capsule (4)
- Cardioid directional characteristic
- Internal switches: high-pass and pre-attenuation
- Order number 08483



BCM 705

- Logo color: green
- Dynamic capsule (5)
- Hypercardioid directional characteristic
- Multi-level isolation from structure-borne noise
- No power supply required
- Order number 08507



Technical data

Frequency range	20 Hz...20 kHz
Sensitivity	22 mV/Pa = -33.1 dB ± 1 dB
Equivalent SPL, CCIR 468-3	18 dB
Equivalent SPL, DIN/IEC 651	7 dB-A
Weight	500 g
D x L x H (without suspension)	64 x 85 x 110 mm



Technical data

Frequency range	20 Hz...20 kHz
Sensitivity	1.7 mV/Pa = -55.4 dB ± 1 dB
Equivalent SPL, CCIR 468-3	32 dB
Equivalent SPL, DIN/IEC 651	18 dB-A
Weight	500 g
D x L x H (without suspension)	64 x 85 x 110 mm



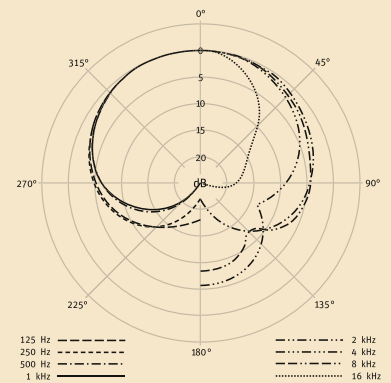
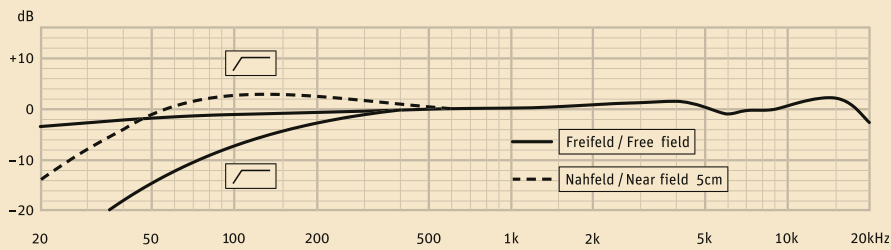
Selected accessories

- BCK headgrille, order number 08520 (6)
- SG 5 stand mount, order number 08529 (7+8)
- MF 3 table stand, order number 07321 (8)

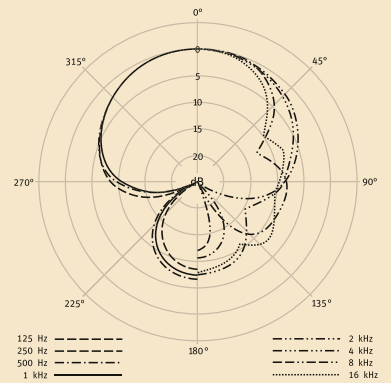
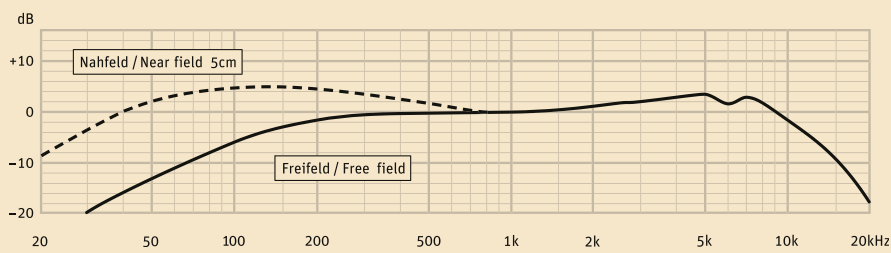
The SG 5 stand mount allows the microphone to swivel an additional +/- 90°.



BCM 104



BCM 705



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