TG D71

Condenser Boundary Microphone

Order # 708.992



FEATURES

- Extremely rugged housing in a compact, slim design
- Optimal for Bass or Cajon drums
- Flexible use with low-frequency instruments
- Half-cardioid polar pattern for maximum gain before feedback
- High impulse fidelity and low attack time
- Undistorted transmission of even high volumes
- Powerful, natural sound
- Integrated pre-amp
- Phantom power 11 52 V
- Non-slip rubber bottom

APPLICATIONS

The TG D71 boundary microphone is primarily used for miking bass drums while placing it simply without any additional mounting material into the bass drum. The non-slip rubber bottom makes sure that the microphone cannot shift by itself. In addition to this the TG D71 can also be used for other low frequency instruments such as cajon, grand piano or upright piano whereas the compact design and the half-cardioid polar pattern ensure easy positioning of the microphone. Due to its high impulse fidelity, a low attack time and a maximum sound pressure level of 148 dB, the TG D71 is suitable for miking percussion instruments.

The rugged housing in a slim, compact design protects the microphone against damages in the rough daily use on stage.

For a permanent installation on a surface there are two mounting holes at the bottom of the microphone.

The microphone is provided with an integrated pre-amp and can be powered on microphone inputs supplying 11 to 52 V phantom power. A red illuminating status LED displays the applied phantom power and in this way the operating status of the microphone.

TECHNICAL SPECIFICATIONS

Transducer tune

| Transducer type Condenser (back electret) |
|---|
| Operating principle Pressure gradient |
| Polar pattern Half-cardioid |
| Frequency response 25 - 20,000 Hz |
| Open circuit voltage 1.5 mV/Pa (-56 dBV) |
| Nominal impedance < 200 Ω |
| Load impedance $\geq 1 \text{ k}\Omega$ |
| Max. SPL at 1 kHz |
| Signal-to-noise ratio 63 dB [A, RMS] |
| 50 dB [CCIR, Q-Peak] |
| Noise voltage |
| 4.9 µV [CCIR, Q-Peak] |
| A-weighted equivalent SPL 31.2 dB |
| Polarity |
| positive voltage on pin 2 in |
| relation to pin 3 |
| · · · · · · · · · · · · · · · · · · · |
| Wiring bal. with 3-pin XLR male |
| Connection |
| Power supply Phantom power |
| P48 (+48 VDC ±4 VDC, 6.8 k Ω ±20%, current consumption: < 3.2 mA) |
| P24 (+24 VDC ±4 VDC, 1.2 k Ω ±20%, current consumption: < 3.2 mA) |
| P12 (+12 VDC ± 4 VDC, 680 Ω $\pm 20\%$, current consumption: < 3.2 mA |
| Dimensions without connector |
| (L x W x H) |
| Weight413 g |
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OPTIONAL ACCESSORIES

| BMC 05 FM | Standard microphone cable |
|-----------|------------------------------------|
| | XLR-XLR, 5 m long Order # 434.787 |
| BMC 10 FM | Standard microphone cable |
| | XLR-XLR, 10 m long Order # 434.795 |

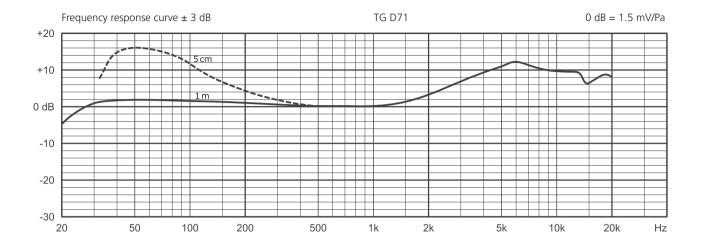
1 of 2

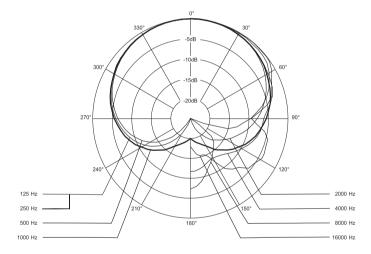


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FREQUENCY RESPONSE & POLAR PATTERN

This polar pattern and frequency response curve (measuring tolerance ± 3 dB) correspond to a typical production sample for this microphone.





For further distributors worldwide, please go to www.beyerdynamic.com

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2 of 2