DPA DPA4061BM



335,00 € tax included

Reference: DPDPA4061BM

DPA DPA4061BM

The DPA 4061-FM Miniature Microphone, Lo-Sens, Black. Highly regarded by engineers for speech and acoustic instrument use, very high SPL capability.

The DPA 4061-FM is the black version of the Miniature Microphone Type 4061. This type is a prepolarized omnidirectional Miniature Condenser Microphone with a 5.4mm vertical diaphragm specially designed for maximum performance under the often difficult conditions when mounted directly on the human body. Special attention has been taken in the design to deal with the humidity problems that often occur in theatrical applications. A double vent protection system together with water resistant materials inside the microphone make it more than difficult for moisture to cause the Miniature Microphone to fail. By changing the protection grids, the Miniature Microphones can furthermore be acoustically modified according to the placement of the microphone on the body. DPA 4061 is acoustically identical with the award winning DPA 4060, but the sensitivity is adjusted to 6 mV/Pa to match some of the more sensitive transmitters on the market. The noise floor of the DPA 4061 is 26 dB(A) re. 20 µPa and if powered correctly the microphone will be able to handle sound pressure levels up to 144 dB SPL before clipping occurs. A wide range of connection adapters makes it possible to use the 4061 with close to any professional wireless system available plus 48 V phantom.

The main features of the DPA 4061-FM include:

Very high SPL capabilities for a miniature microphone
Flexible microphone used for acoustic bass, Flute, Cello etc and of course for speech in Broadcast, Stage and Television
DUA6004 Miniature Grids, High Boost, Black, 5 pcs and DUA6003 Miniature Grids, Soft Boost, Black, 5 pcs included
Principle of operation: Pressure
Cartridge type: Pre-polarised condenser element with vertical diaphragm
Power supply: Min. 5 V - max 50 V through DPA adapter
Frequency range, ± 2 dB: Soft boost grid: 20 Hz - 20 kHz, 3 dB soft boost at 8 - 20 kHz, High boost grid: 20 Hz - 20 kHz ±2 dB, 10 dB boost at 12 kHz
Directional characteristics: Omnidirectional
Equivalent noise level A-weighted: Typ. 26 dB(A) re. 20 µPa (max. 28 dB(A))
Equiv. noise level ITU-R BS.468-4: Typ. 38 dB (max. 40 dB)
Total harmonic distortion (THD):