

SC4098

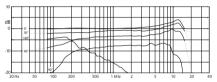
d:screet[™] Supercardioid Microphone, XLR, Podium, Hanging or Floor Stand

Clean, intelligible sound is key when an orator is addressing a crowd. d:screet™ Podium Microphones deliver high intelligibility and controlled directionality as well as efficient rejection of background noise and radio frequéncy interference.

Performance

The factory-mounted foam windscreen on the mic head should always be kept on to prevent pop noise.

Frequency Response



Typical on- and off-axis frequency responses of d:screet™ SC4098 Supercardioid Microphone at 20 cm (7.9 in)

Avaliable spare parts

DUA0580B Foam Windscreen for SC4098, Black, 5 pcs. Foam Windscreen for SC4098, White, 5 pcs. DUA0580W UA0639 Microphone Clip

www.dpamicrophones.com/SC4098

Service & repair

Warranty The discreet[™] SC4098 is covered by a two-year limited warranty.

CE marking

Specifications

Directional characteristics Supercardioid Principle of operation Pressure gradient Cartridge type Pre-polarized condenser Frequency range 20 Hz - 20 kHz Frequency range, ±2 dB, 20 cm (7.9 in) distance 100 Hz - 15 kHz with 3 dB soft boost at 8-15 kHz. Permanent 2nd order low-cut filter (-3 dB at 80 Hz) Sensitivity, nominal, ±3 dB at | kHz 16 mV/Pa: -36 dB re. 1 V/Pa Equivalent noise level, A-weighted Typ, 23 dB(A) re, 20 uPa (max, 26 dB(A)) Equivalent noise level, ITU-R BS.468-4 Tvp. 35 dB (max. 38 dB) S/N ratio (A-weighted), re. | kHz at | Pa (94 dB SPL) 71 dB(A) Total Harmonic Distortion (THD) <1% up to 125 dB SPL peak <1% up to 122 dB SPL RMS sine Dynamic range Typ. 102 dB Max. SPL, peak before clipping 136 dB Output impedance 100.0 Minimum load impedance 2 kO Cable drive capability Up to 300 m (984 ft) **Output balance principle** Impedance balancing with Active Drive Common Mode Rejection Ratio (CMRR) $> 50 \, dB$ Power supply (for full performance) 48 V phantom power ±4 V **Current consumption** 3.5 mA Connector XI R-M Color Black Polarity +V at pin 2 for positive sound pressure **Temperature range** -40 to 45°C (-40 to 113°F) Relative Humidity (RH) Up to 90%