

# SPL Series

## DCM-6 Specification sheet



**DATEQ**  
*audio technologies*

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**Notes**

## Safety instructions

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- 1 All safety instructions, warnings and operating instructions must be read first.
- 2 All warnings on the equipment must be heeded.
- 3 The operating instructions must be followed.
- 4 Keep the operating instructions for future reference.
- 5 The equipment may never be used in the immediate vicinity of water; make sure that water and damp cannot get into the equipment.
- 6 The equipment may only be installed or fitted in accordance with the manufacturers recommendations.
- 7 The equipment must be installed or fitted such that good ventilation is not obstructed in any way.
- 8 The equipment may never be installed in the immediate vicinity of sources of heat, such as parts of heating units, boilers, and other equipment which generates heat (including amplifiers).
- 9 Connect the equipment to a power supply of the correct voltage, using only the cables recommended by the manufacturer, as specified in the operating instructions and/or shown on the connection side of the equipment.
- 10 The equipment may only be connected to a legally approved earthened mains power supply.
- 11 The power cable or power cord must be positioned such that it cannot be walked on in normal use, and objects which might damage the cable or cord cannot be placed on it or against it. Special attention must be paid to the point at which the cable is attached to the equipment and where the cable is connected to the power supply.
- 12 Ensure that foreign objects and liquids cannot get into the equipment.
- 13 The equipment must be cleaned using the method recommended by the manufacturer.
- 14 If the equipment is not being used for a prolonged period, the power cable or power cord should be disconnected from the power supply.
- 15 In all cases where there is a risk, following an incident, that the equipment could be unsafe, such as:
  - \* if the power cable or power cord has been damaged
  - \* if foreign objects or liquids (including water) have entered the equipment
  - \* if the equipment has suffered a fall or the casing has been damaged
  - \* if a change in the performance of the equipment is noticedit must be checked by appropriately qualified technical staff.
- 16 The user may not carry out any work on the equipment other than that specified in the operating instructions.



## Technical Specifications

# Specifications

Type: Measurement Microphone

Diameter: 1/2 inch

Capacitance: 23 pF

Frequency Response Characteristic: Free-field

Open Circuit Frequency Response (+/-1.2 dB): 20 Hz ~ 16000

Hz Open Circuit Sensitivity (dB re 1V/Pa): 31.6 mV/Pa (-30 dB)

Cartridge Thermal Noise: <20 dBA

Open Circuit Distortion Limit (THD<3%, @100 Hz): >146 dB SPL

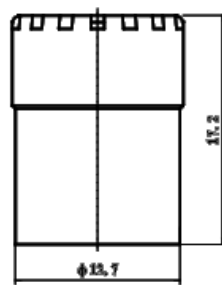
Polarization Voltage: 0 V (Pre Polarized')

Temperature Coefficient: <0.03 dB/K

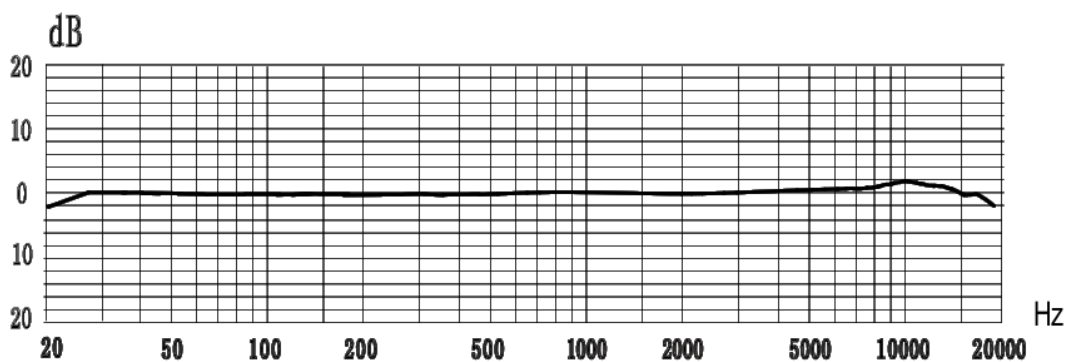
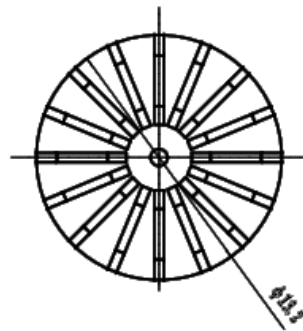
Relative Humidity Coefficient: <0.5 dB/100% RH

Static Pressure Coefficient: <0.5 dB/kPa

Dimension: See Pic (mm)



Screw (60UNS):11.7mm



## Product support

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