



## SM100XLR / SM200XLR



**SM 100XLR**



**SM 200XLR**

### ***SAFETY INFORMATION***

- Protect the microphone from moisture, liquids, fire and sudden impacts. Exposing it to such elements could damage the microphone.
- Do not blow into the microphone to test/check the same. It is advisable to carry out a speech trial.
- When using wired microphones always ensure that the microphone cable is laid so that it does not present a hazard.

### ***MODELS AVAILABLE***

- SM 100XLR – Dynamic cardioid microphone, with On/Off switch, microphone clamp, flexible XLR- Jack cable (6.5m) and storage case.
- SM 200XLR – Dynamic cardioid microphone, with On/Off switch, microphone clamp, flexible XLR- Jack cable (6.5m) and storage case.

FEATURES

| SM 100 XLR   | SM 200 XLR  |
|--|---|
| The all-rounder!<br>Designed for Speech, Singing and<br>General purpose vocal pick-ups | The Vocal Specialist!<br>Designed for hi-fidelity Vocal<br>reproduction |

- Frequency response designed for vocals
- Dynamic cardioid pickup pattern minimizes off-axis pick-up, reduced feedback and higher system gain.
- Suspended cartridge shock-mount system, to minimize handling noise.
- Low-failure magnetic on-off switch.
- Rugged body and dent-proof steel grill ,that withstands , physical shocks.
- 6.5M flexible XLR-Jack cable.
- Supplied with a 180 degree swivel break-resistant clamp-type stand adapter.
- Supplied in a rugged plastic storage case.

CONNECTION

The SM100XLR & SM200XLR provide a 3-pin XLR Plug to connect to any microphone input (on a mixer, amplifier, processor etc).

MAINTENANCE

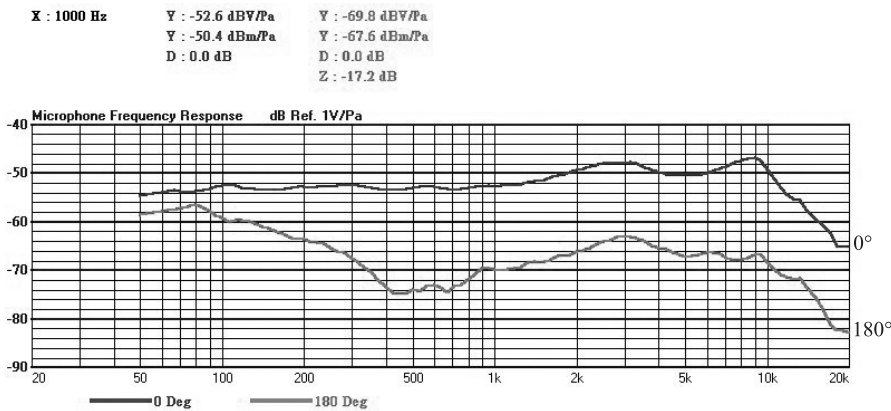
For cleaning the microphone body and basket use a soft, damp cloth. If necessary use a mild cleansing agent. No solvent agents should be used. Take care not to allow any water into the microphone.

SERVICE

In the unlikely event of equipment failure, kindly contact your Studiomaster dealer

SM 200XLR

MEASUREMENT 1 : FREQUENCY RESPONSE



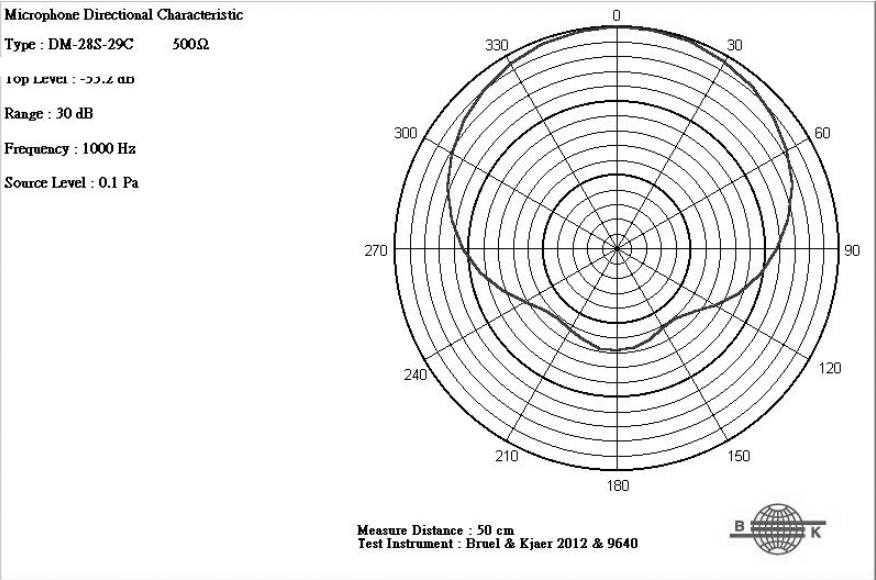
Model : SM 200XLR    500 Ω  
Source Level : 0.1 Pa

Measure Distance : 50 cm  
Test Instruments : Bruel & Kjaer 2012 & 9640



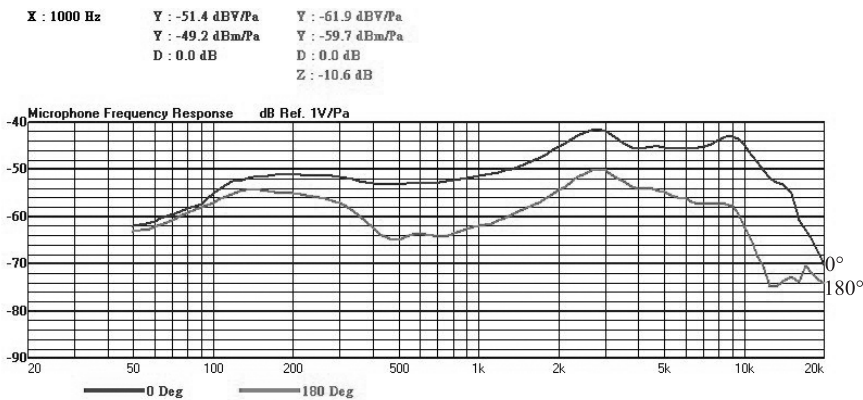
**SM 200XLR**

**MEASUREMENT 2 : POLAR PATTERN**



**SM 100 XLR**

**MEASUREMENT 1 : FREQUENCY RESPONSE**

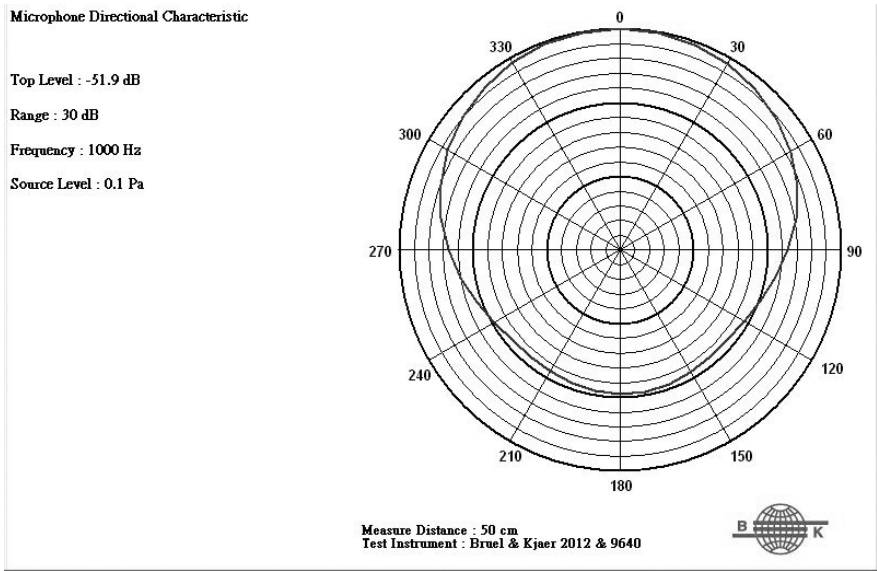


Model : SM 100XLR  
Source Level : 0.1 Pa

Measure Distance : 50 cm  
Test Instruments : Bruel & Kjaer 2012 & 9640



SM 100XLR
MEASUREMENT 2 : POLAR PATTERN



TECHNICAL SPECIFICATIONS:

| MODEL                     | SM 100XLR                     | SM 200XLR                     |
|---------------------------|-------------------------------|-------------------------------|
| Transducer type           | Dynamic                       | Dynamic                       |
| Frequency response        | 50Hz- 12 KHz                  | 50Hz- 15KHz                   |
| Polar pattern             | Cardiod                       | Cardiod                       |
| Rear attenuation at 1 kHz | -62+/-3db                     | -70+/-3db                     |
| Nominal impedance         | 600 OHM                       | 500 OHM                       |
| Connection                | 3-pin XLR male                | 3-pin XLR male                |
| Dimensions                |                               |                               |
| Length                    | 126.4mm                       | 125 mm                        |
| Shaft diameter            | 34.5mm                        | 37.3 mm                       |
| Head diameter             | 55.6mm                        | 57.2mm                        |
| Weight without cable      | 247.2gms                      | 297.4 gms                     |
| Accessories included      | mic clip, cable, plastic case | mic clip, cable, plastic case |

Design and specification are subject to change without notice

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