

Pearl ELM-A, B & C

ELM-A (Dual output, variable pattern)

ELM-B (Bidirectional)

ELM-C (Cardioid)

The spectacular Pearl ELM series microphones come with a unique set of properties that allow for a whole new level of control over the recording environment.

The 7:1 length/width ratio of the capsule means that the polar pattern for each side of the capsule looks like a standard cardioid in the horizontal plane, while it vastly reduces high frequencies in the vertical plane, a property that can be extremely useful for minimising unwanted reflections from the floor and ceiling, providing the audio engineer with a valuable tool to handle poor room acoustics and challenging acoustical environments.

Just like the Pearl 2800 rectangular capsule, the longer ELM capsule combines the best characteristics from large and small diaphragms, i.e. low noise, detailed transient reproduction and an extremely smooth off-axis response.

In combination, the unique characteristics of the ELM series microphones make them outstanding choices for orchestral and choral recordings and, as a result, they can be found with symphonies and opera houses all over the world.

The ELM microphones are finished in a durable black powder coat paint.

Package includes:

- Wooden box
- Pearl 1930 shockmount
- Individual frequency graph

Other accessories:

Cable: 303/10 for ELM – B & C, 533/10 for ELM-A
Stereo bar: 1215

Specification:

Polar pattern:	ELM-A	Seamlessly variable
Polar pattern:	ELM-B	Bidirectional
Polar pattern:	ELM-C	Cardioid
Sensitivity:	ELM-A	22 mV/Pa
Sensitivity:	ELM-B	18 mV/Pa
Sensitivity:	ELM-C	22 mV/Pa
Frequency response:		20 Hz – 25 kHz
Impedance:		100 ohms
Operating voltage:		48 V
Rec. min. load imp. :		1 Kohms
Current consumption:	ELM-A	3,5 mA
Current consumption:	ELM-B	2,7 mA
Current consumption:	ELM-C	2,3 mA
Self Noise:	ELM-A	11 dBA
Self Noise:	ELM-B	12 dBA
Self Noise:	ELM-C	10 dBA
Max SPL:		126 dB
Connector:	ELM-A	5-pin XLR
Connector:	ELM-B & C	3-pin XLR
Dimensions:		Ø 32/28 x 192 mm
Weight:		305 grams



1930 shockmount

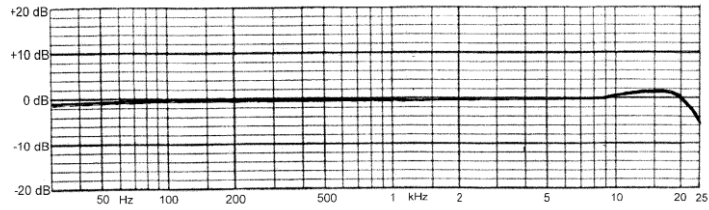


Stereo bar 1215

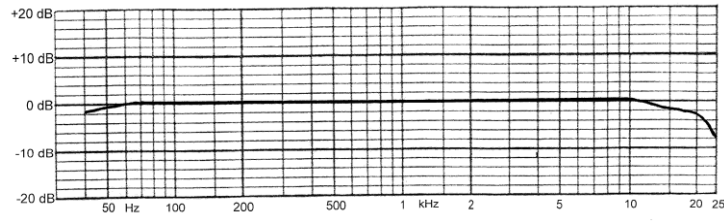


Wooden box

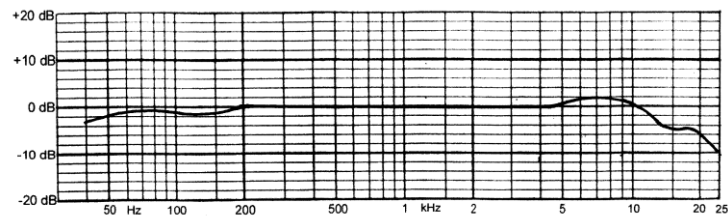
Omni frequency response



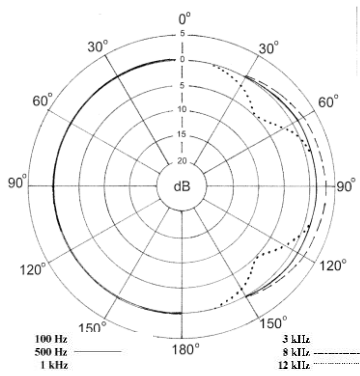
Cardioid frequency response



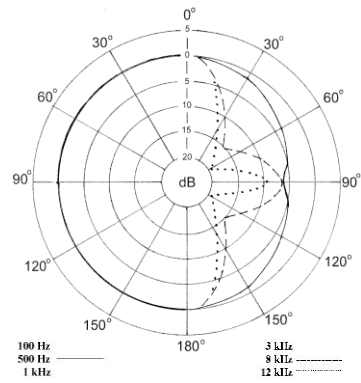
Bidirectional frequency response



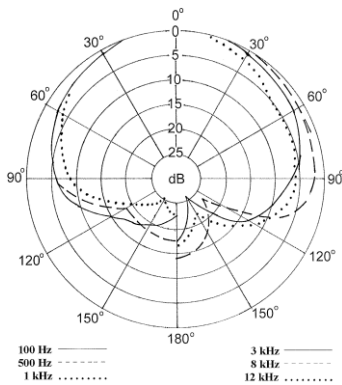
Horizontal



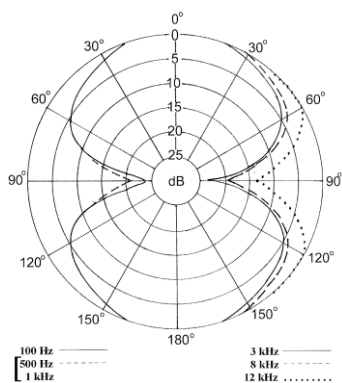
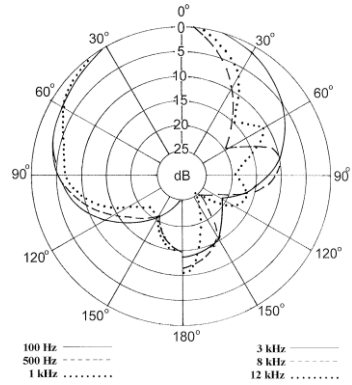
Omni



Vertical



Cardioid



Bidirectional

