

PML Tube DT 40 Variable Microphone
PML Tube CT 40 Cardioid Microphone

Pearl wishes to introduce its new Tube Microphones - the CT40 and the DT40. The CT40 model uses a fixed cardioid capsule while the DT40 model offers a choice of five different polar patterns making this microphone ideal for many recording applications.

These microphones use the classic Pearl dual rectangular capsule which allows it to achieve a very flat frequency response. The capsule is mounted in silicone, and then supported on a cone to prevent sound reflections. Further, the microphones are powered by a traditionally designed circuit utilizing a Nuvistor vacuum tube and high quality transformer made with an orphous core material.

This microphone has been carefully developed to produce the best results in many applications. It is manufactured from the very highest quality components to provide the very best sound experience.

To orient the microphone, the sound source must face the PML Logo.

The CT 40 and DT 40 are finished in black ED-lacquer. The C4020 Power Supply is connected to the microphone using an 8-core XLR cable, and the output from the power supply is a standard three pin XLR.

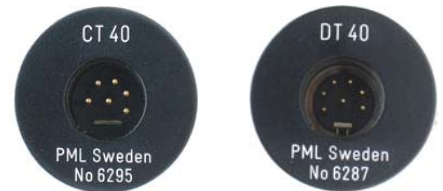
The D4020 for use with the DT40 incorporates a rotary switch to select the five different polar patterns.

Both Pearl models are supplied with a flight case, respective power supply, a 10-meter cable, and the 1942 shockmount.



Specifications:

Pattern CT 40:	Cardioid
Pattern DT 40:	Cardioid, omni, figure of eight, hypercardioid, wide-angle cardioid
Sensitivity CT 40:	32mV/Pa
Sensitivity DT 40:	20mV/Pa
Self Noise CT 40:	15 dBA
Self Noise DT 40:	16 dBA
Frequency response:	20 Hz - 25kHz
Impedance:	100 ohms
Rec. min.load imp.:	1K ohms
Connector CT 40:	6 -pin XLR
Connector DT 40:	7 -pin XLR
Connector 4020:	Audio output=3-pin XLR
Dimensions:	Ø 43x160mm
Weight, Microphone:	470 grams

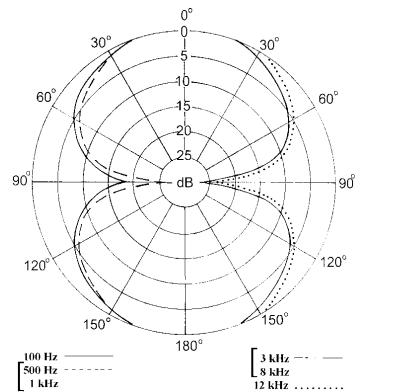
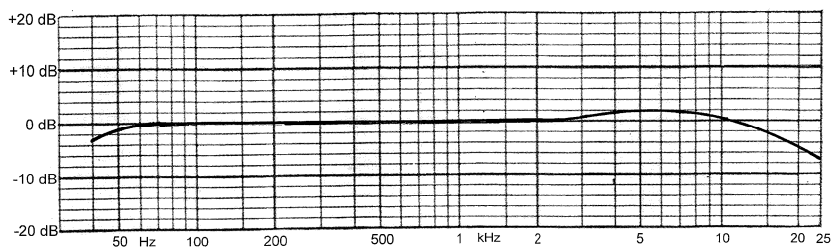
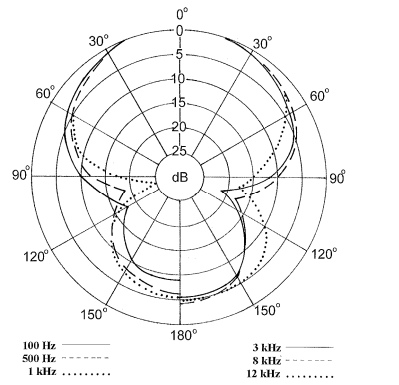
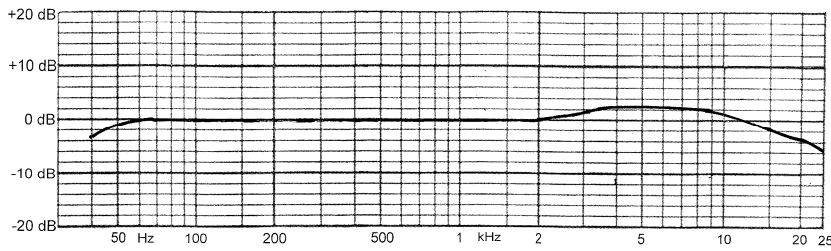
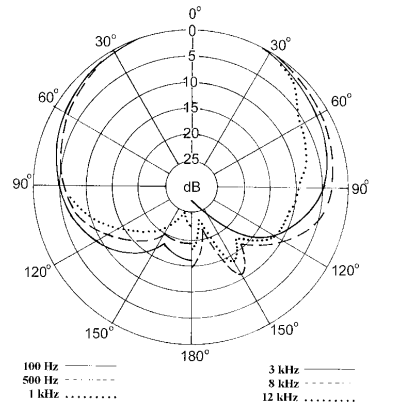
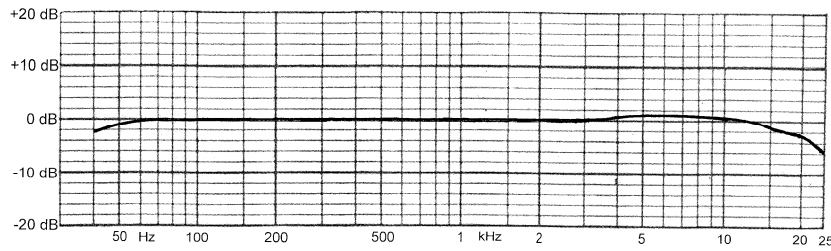
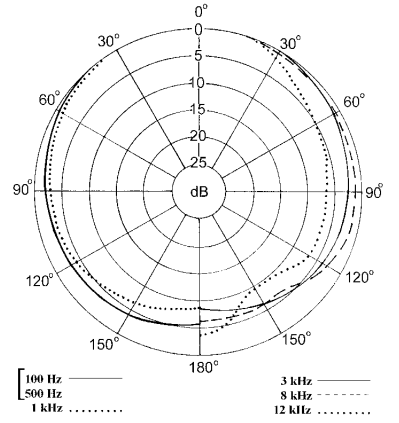
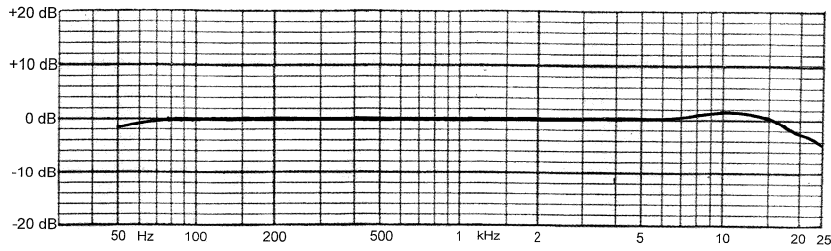
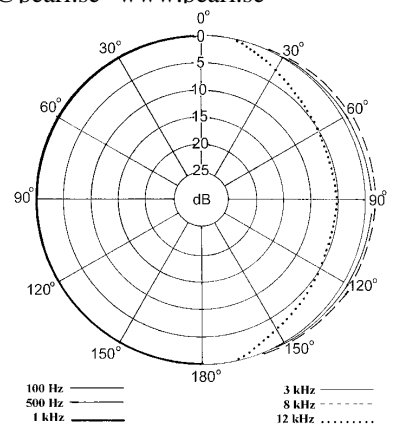
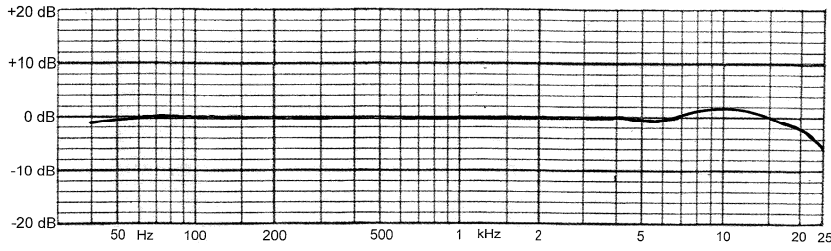


Power Supply	C4020 for CT 40
Power Supply	D4020 for DT 40
Weight:	1,3 kg
Dimensions:	160x100x175mm
Inlet socket:	IEC
Switch able:	115 or 230 Volts



RoHS Compliant
 Directive 2002/95/EC

PML CT 40 / DT 40



Mono-Stereo Condenser Microphone TL 4 / TL 44 STUDIO MICROPHONE WITH UNIQUE QUALITIES

This microphone models are equal in a mode of application but they are different in the technical specification.

These microphones are the classic Pearl capsule with rectangular dual membranes mounted back-to-back in its compact body. A variety of polar patterns may be obtained by bringing the output of each membrane into separate mixer channels. In effect they provides two discrete cardioid outputs which may be used simultaneously or independently one of the other to obtain cardioid, omni, figure of eight, 180 degrees coincident stereo and virtually any pattern in between by use of the mixing console.

The beauty is the versatility, which allows it to handle a variety of the tasks at hand. Versatility would mean nothing if they did not capture the nuances and life of the performance. By using the rectangular capsule, they achieves a very flat and resonance free frequency response which extends far into the lower frequencies. This makes it an accurate yet flattering microphone for vocals and acoustic instruments, not to mention the challenges of symphonic organ recordings. The sound is further enhanced by use of a transformerless preamplifier circuit which is extremely quiet. The circuit requires 48V phantom power which, when supplied, illuminates an LED.

The microphones are very reasonably priced which makes is perhaps the best value of any microphones, today. The model TL 4 is, compared to the TL 44, a so called "High-Level-Microphone" and provides an approximately 20 dB higher output level than conventional condenser microphones. It also means that this microphone request an input impedance of at least 6K ohm.

Finished in black ED-lacquer.

The TL 4 and TL 44 come in a wooden etui AC01



Accessories:

Shockmount:	1928
Shockmount:	1930
Rycote:	Suspension, Windshield and Windjammer
Rycote Softie:	Foam + fur
Windscreen:	1730
Cable:	505/10
Cable:	533/10



1928

Specification:

	TL 44	TL 4
Sensitivity:	16 mV/Pa	120 mV/Pa
Frequency response:	20 Hz-20kHz	20 Hz-20kHz
Impedance:	100 ohms	500 ohms
Operating voltage	48V	48V
Rec. min.load imp:	1K ohms	6K ohms
Current consumption:	3,5 mA	1,6 mA
Self noise IEC-179:	14 dBA	18 dBA
Max SPL:	126dB	126dB
Connector:	5-pin XLR	5 pin XLR
Dimensions:	145x31 mm	145x31 mm
Weight:	260 grams	260 grams



1930



Wooden etui AC01



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TL 4 - TL 44

