



## C 1000 S



- Battery status LED for reliable monitoring of remaining battery life
- Can be powered by internal 9 V battery or by phantom power (9–52 V DC)
- PPC 1000 allows the microphone to be switched from cardioid to hypercardioid pickup pattern
- Presence Boost Adapter PB 1000 is included for high–end enhancement

The versatility of the C 1000 S makes this an extremely popular model, and one ideally suited for all kinds of recording and live sound applications.

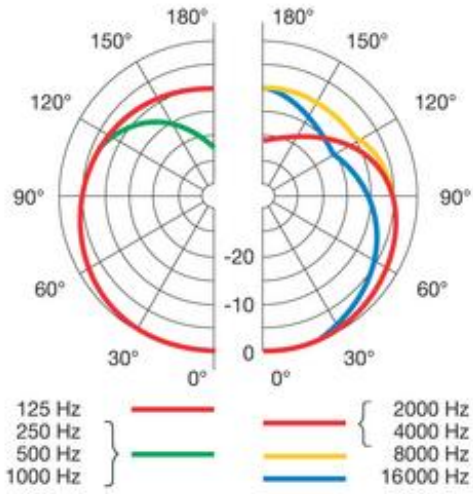
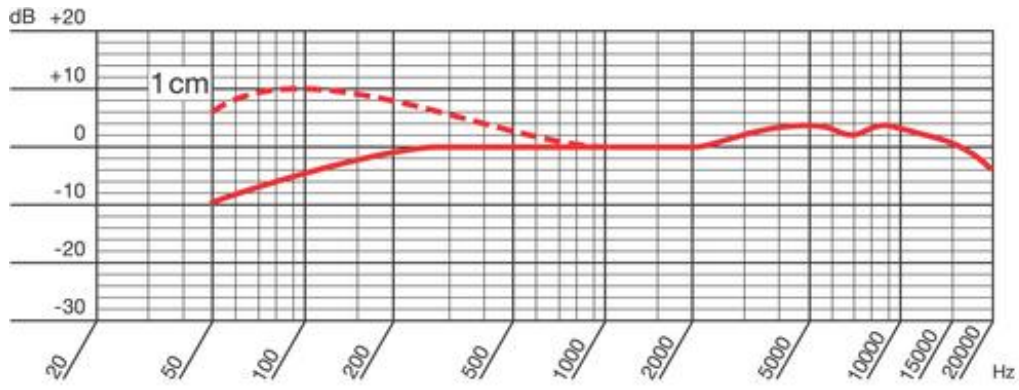
If no phantom power is available, the mic can be powered by a standard 9 V battery, making it perfect for mobile use. With its new battery monitoring electronics, the C 1000 S now features a reliable LED warning light. The red LED above the microphone switch lights up when the remaining battery life falls below 45 minutes. The polar pattern can quickly be switched from cardioid to hypercardioid simply by attaching the PPC 1000 Polar Pattern Converter provided to the microphone capsule. The PB 1000 Presence Boost Adapter also supplied with the C 1000 S adds 3 to 5 dB of high–end enhancement between 5 and 9 kHz, improving clarity of speech and adding definition to instrument sounds.

## Specifications

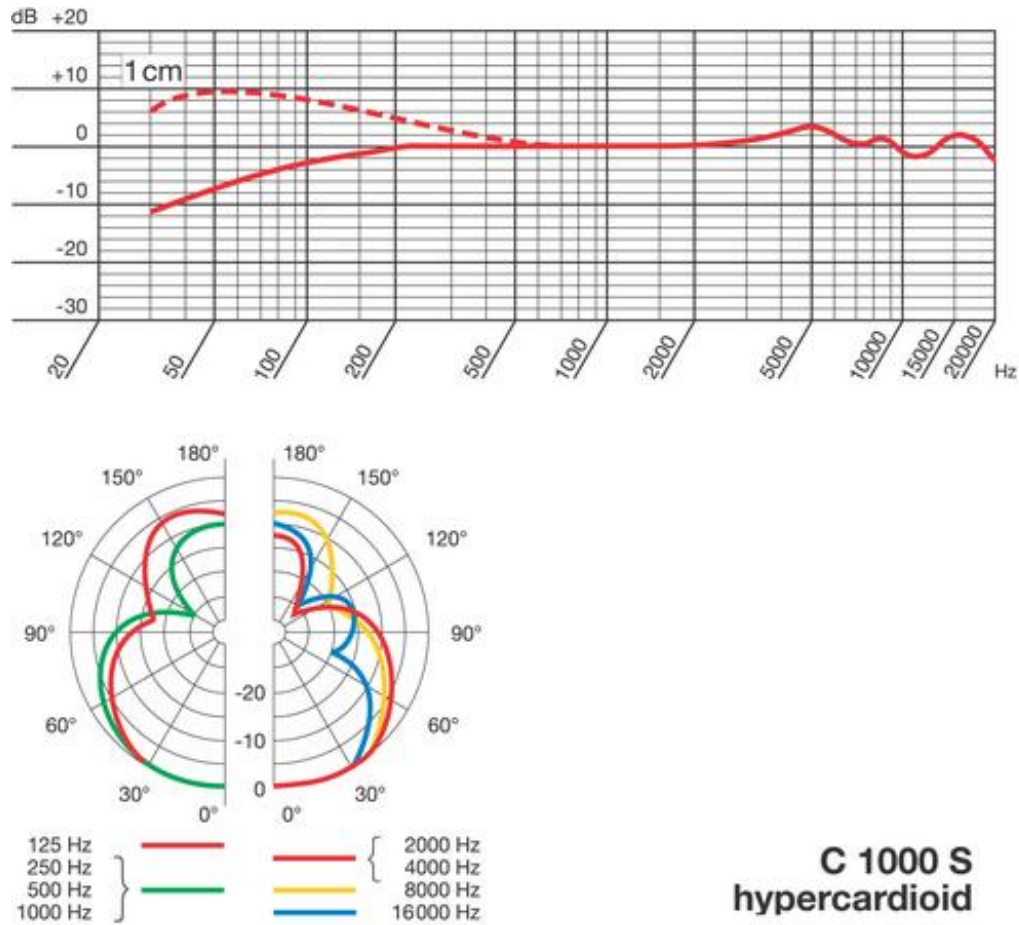
<b>Polar pattern</b>	cardioid, or hypercardioid (with PPC 1000 attached)
<b>Frequency range</b>	50 to 20,000 Hz
<b>Sensitivity</b>	6 mV/Pa (–44 dBV)
<b>Max. SPL</b>	137 dB (k=1%)
<b>Equivalent noise level (CCIR 468–3)</b>	32 dB
<b>Equivalent noise level</b>	21 dB–A

<b>Signal/noise ratio (A-weighted)</b>	73 dB
<b>Impedance</b>	200 ohms
<b>Recommended load impedance</b>	$\geq 2.000$ ohms
<b>Supply voltage</b>	9 to 52 V phantom power to DIN 45596 or internal 9 V battery (6F 22)
<b>Current consumption</b>	approx. 2 mA
<b>Connector</b>	3-pin XLR
<b>Finish</b>	matte silver enamel
<b>Dimensions</b>	34 dia. x 220 mm / 1.4 dia. x 8.7 in.
<b>Net weight</b>	320 g / 11.3 oz.
<b>Shipping weight</b>	650 g / 1.4 lbs.
<b>Patent(s)</b>	Electrode for condenser transducers (Patent no. AT 385.386, US 4.790.021) Electrode support for condenser transducer (Patent no. AT 392.182, DE 4.021.661)

### Graphical data



**C 1000 S**  
**cardioid**



## Engineer's specifications

The microphone shall be a condenser pressure gradient microphone with a cardioid polar pattern. An acoustic attachment for converting the polar pattern to hypercardioid and another attachment boosting the frequencies between 5 kHz and 9 kHz shall be included as standard accessories. The maximum diameter of the microphone shall be 33.5 mm (1.4 in.), and the body shall be finished in matte silver enamel. The microphone shall provide a battery status LED. The on-axis frequency response measured at 1 m (3 ft. 4 in.) may not deviate from flat by more than +4 dB between 200 Hz and 20 kHz and shall roll off below 200 Hz at a rate of 6 dB/octave. The microphone's sensitivity at 1 kHz shall be 6 mV/Pa or higher, its A-weighted equivalent noise level no higher than 20 dB, and its THD may not exceed 1.0 % at a sound pressure level of 137 dB SPL. The microphone shall offer 9-V battery and 9 to 52 V phantom powering options. The microphones electrical impedance shall be 200 ohms, its net/shipping weight 320 grams/650 grams (11.3 oz./1.4 lbs.).