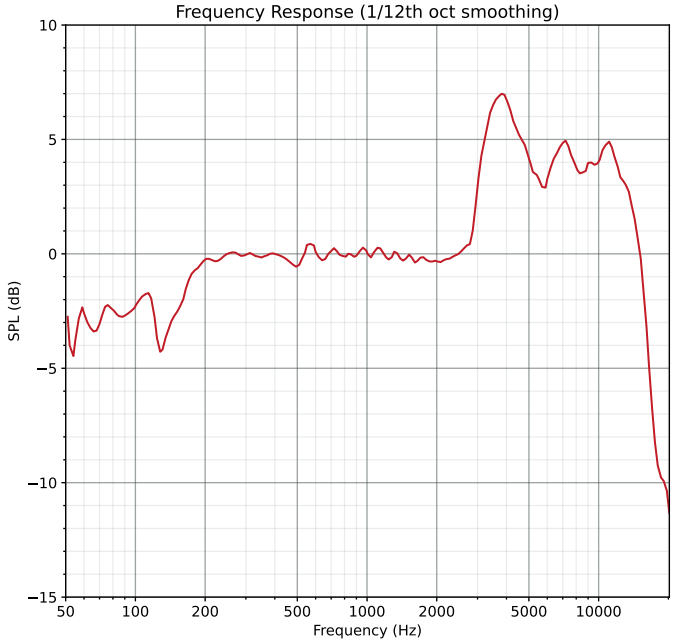
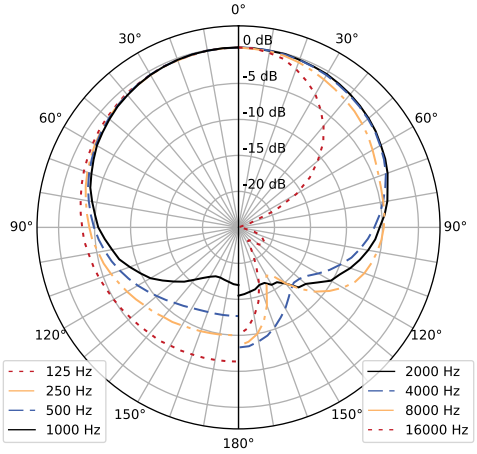
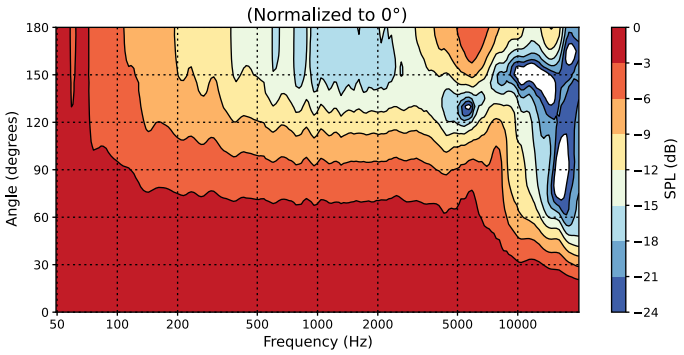
SCT 800



- Studio Tube Large Diaphragm Microphone
- Elegant blue and gold look
- 1" gold membrane
- Warm tube sound for digital recording
- 12AX7 tube
- External power supply for power supply
- Including shock mount, case, connecting cable and power supply







Technical specifications

Connection/supply	XLR, 7-pin/external power supply for 115/230 V ~ 50/60 Hz
Pre-amplifier connections	XLR, 7-pin (MIC IN), XLR, 3-pin (OUT)
Transducer principle	Condenser
Polar pattern	Cardioid
Sensitivity @1 kHz (mVrms/Pa)	29.3
Sensitivity @1 kHz (dBV/Pa)	−30.7
Equivalent input noise (dB SPL(A))	16.7
Signal-to-noise ratio @1 kHz, 94 dB SPL (dB(A))	77.3
Max. sound pressure level (dB SPL @ 1% THD, 1 kHz)	124
Impedance (ohm @1 kHz)	165
Frequency range (-10 dB)	20 - 15,000 Hz
Fuse	115 V: 5 mm × 20 mm, 1 A, 250 V, fast blow 230 V: 5 mm × 20 mm, 0.5 A, 250 V, fast blow
Dimensions (Ø × H)	50 mm × 228 mm
Weight	600 g (microphone), 442 g (shock mount), 574 g (cable), 1,326 g (external power supply)
Ambient conditions	Temperature range 0 °C...40 °C Relative humidity 20%...80% (non-condensing)

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General information
This document contains important information. Read and follow the instructions. Keep the document for future reference. If you pass the product on to others, please include this document.
Contents are subject to change. Please refer to the latest version of the documentation, which is available for download at www.thomann.de.

Intended use
This device is used to convert acoustic signals into electrical signals. Any other use or use under other operating conditions is considered to be improper and may result in personal injury or property damage. No liability will be assumed for damage resulting from improper use.
This device may be used only by persons with sufficient physical, sensory, and intellectual abilities and the necessary knowledge and experience. Other persons may use this device only if they are supervised or instructed by a person who is responsible for their safety.

Risk of injury and choking hazard for children!
Children can suffocate on packaging material and small parts. Children can injure themselves when handling the device. Never allow children to play with the packaging material and the device. Always store packaging material out of the reach of babies and small children. Always dispose of packaging material properly when it is not in use. Never allow children to use the device without supervision. Keep small parts away from children and make sure that the device does not shed any small parts (such as knobs) that children could play with.

Risk of death from electrical current!
The device contains parts where high voltage is present. Never remove any covers. There are no user-serviceable parts inside the device. Do not use the device if covers, safety equipment or optical components are missing or damaged.

Risk of death from electrical current!
A short circuit can cause fires and loss of life. Always use proper ready-made insulated mains cabling (power cord) with a safety plug. Do not modify the mains cable or the power plug. If the insulation is damaged, immediately switch off the power supply and have it repaired. If in doubt, contact a qualified electrician.

Property damage due to improper handling!
Improper handling may damage the microphone. Never remove the screen of the microphone! Do not drop the microphone. When transporting or storing the microphone, use the original packaging or your own packaging material suitable for transport or storage. Only clean the microphone with a slightly damp cloth.

Damage to the device due to high voltages!
The device can be damaged if it is operated with the incorrect voltage or if high voltage peaks occur. In the worst case, excess voltages can also cause a risk of injury and fires. Make sure that the voltage specification on the device matches the local power grid before plugging in the device. Only operate the device from professionally installed mains sockets that are protected by a residual current circuit breaker (FI). Ensure that the power cord plug is easily accessible at all times if it is the only way to safely disconnect the device from the mains supply. As a precaution, disconnect the device from the power grid when storms are approaching or if the device will not be used for a longer period.

Damage to the device if operated in unsuitable ambient conditions!
The device can be damaged if it is operated in unsuitable ambient conditions. Only operate the device indoors within the ambient conditions specified in the "Technical specifications" chapter of this user manual. Avoid operating it in environments subject to direct sunlight, heavy pollution and strong vibrations. Avoid operating it in environments with strong temperature fluctuations. If temperature fluctuations cannot be avoided (for example after transport in low outside temperatures), do not switch on the device immediately. Never subject the device to liquids or moisture. Never move the device to another location while it is in operation. In environments with increased dirt levels (for example due to dust, smoke, nicotine or mist): Have the device cleaned by qualified specialists at regular intervals to prevent damage due to overheating and other malfunctions.

Disposal of the packing material
Environmentally friendly materials have been chosen for the packaging. These materials can be sent for normal recycling. Ensure that plastic bags, packaging, etc. are disposed of in the proper manner. Do not dispose of these materials with your normal household waste, but make sure that they are collected for recycling. Please follow the instructions and markings on the packaging.

Disposal of your old device
This product is subject to the European Waste Electrical and Electronic Equipment Directive (WEEE) as amended.
Do not dispose of your old device with your normal household waste; instead, deliver it for controlled disposal by an approved waste disposal firm or through your local waste facility. If in doubt, consult your local waste management facility. You can also return the device to a retailer if they offer to take the device back for free or if they are legally obliged to do so. When disposing of the device, comply with the rules and regulations that apply in your country. You can also return your old device to Thomann GmbH at no charge. Check the current conditions at www.thomann.de.
Proper disposal protects the environment as well as the health of your fellow human beings. This is because the proper handling of old devices negates the potential negative effects of hazardous substances, and because it conserves resources by recycling them. Also note that waste avoidance is a valuable contribution to environmental protection. Repairing a device or passing it on to another user is an ecologically valuable alternative to disposal. For example, use the Thomann GmbH classified ads.
If your old device contains personal data, delete those data before disposing of it.

Observe the disposal note regarding documentation in France.