

Quality & Innovation

Schoeps is a name that brings visions of detail, technical superiority, pristine recordings, and a commitment to its customers that is second to none. What makes a company like Schoeps tick?

Schoeps has been innovating in the field of microphones for over sixty years. It started out in around 1948 by serving the recording and PA markets. As well as a prototype tube microphone, tape recorders were amongst the early products. By 1949 the first Schoeps condenser microphone came

into existence – the CMV 50/2, with bayonet coupled capsules. In 1951, possibly the most iconic Schoeps, the CM 51/3 was released, its smaller dimensions made possible by a new tube – the Telefunken EF 94. Schoeps tube mics continued to improve and get smaller,



CM 51/3

The CM 51/3 has become one of the most iconic images for Schoeps microphones, and still plucks at the heart strings of many veteran audio pros. The mic was introduced in 1951, after innovations in tube design allowed Schoeps to reduce the size of the body to an amazingly slim 35mm in diameter and 240mm in length.



The SuperCMIT is a big step forward for the digital microphone – two capsules combine with DSP to create a super-shotgun.

until the CMT 200 – the world's first phantom powered microphone. Fast forward to 1973, and the launch of the Colette range of microphones and pre-amps – a modular system that continues to be updated and augmented to this day. Schoeps microphones are some of the most respected devices available to

the professional audio engineer. Here are a few highlights...

SuperCMIT □ □ ■

The SuperCMIT redefined the directional microphone when it was launched in 2010, and is enjoying enormous success in all its applications. Unlike other digital microphones, the SuperCMIT actually uses two capsules and DSP inside the unit. This enables a higher order of directivity across a wider frequency range than conventional shotguns without a change in sound colour. The higher suppression of unwanted noise is highly desired in film and documentary, sports and theatre.

The SuperCMIT has been winning awards and accolades since its launch, including the 7th Annual Cinema Audio Society Technical Achievement Award for Production.

CMIT 5 U

The other shotgun in the Schoeps catalogue is the all-analogue CMIT 5. Otherwise known as 'The Blue', this mic has become well known for an incredibly smooth-sounding directionality

and a balanced sonic character. Because of this, as well as being ideal for all of the traditional shotgun applications, the CMIT 5 also finds itself relied upon for critical music recording applications.

Colette Series ◆

The Colette series has been the flagship modular microphone range for Schoeps for over 35 years, and the company continues to innovate and add to the range. For example the digital module, the CMD 2, has made a big impact in the digital microphone market. And there's also the MK 22 capsule with the new 'Open Cardioid' polar pattern. Now there are more than 20 capsule types and six amplifier types in the Colette range.



The Schoeps Colette MK 22.

CCM Series ◆



The CCM Series of microphones is just as capable as the Colette range, but in this case it's not a modular series. It appeals to customers who want exceptional quality in a small size, making it ideal for intricate positions, surround arrays, conference pick-up, and so on.

MICROPHONES 2012

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Berlin Philharmonic

SCHOEPS is first choice for the Berlin Philharmonics

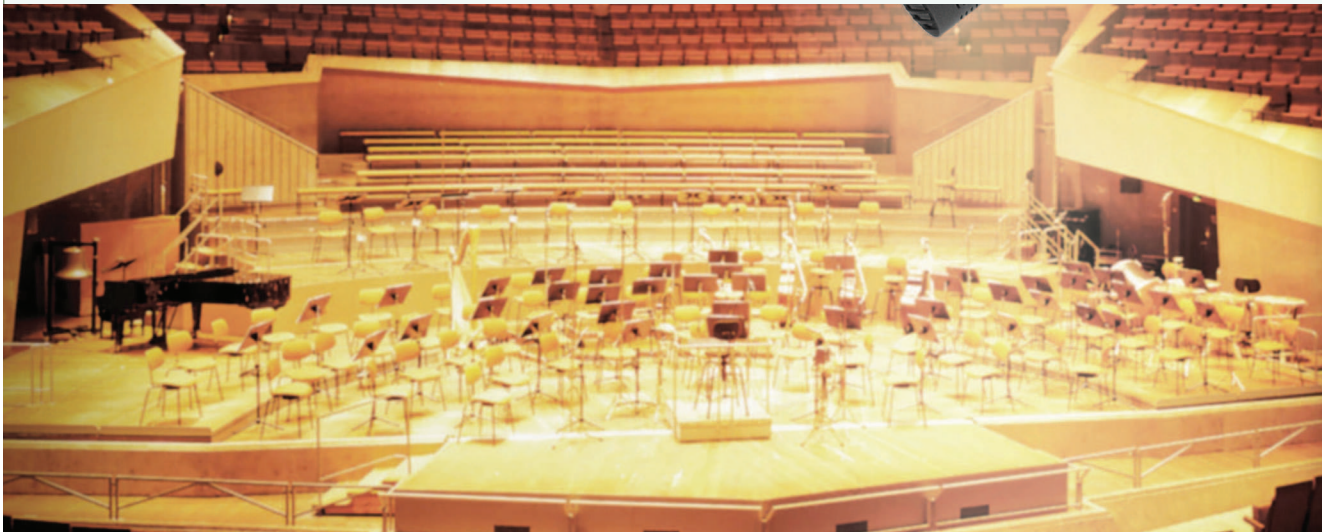
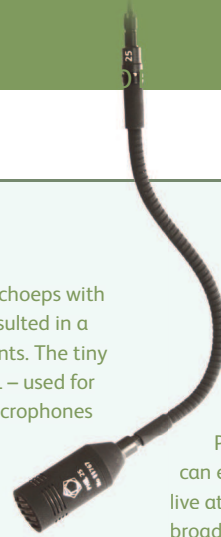
Recently, Schoeps has delivered more than 35 microphones to the Philharmonie in Berlin, home of the famed Berlin Philharmonic. These microphones completely replace the ones previously used in the main auditorium. Both the Great Hall and the Chamber Music Hall are now fully equipped with hanging microphones from Schoeps. The microphones chosen are CCM 2S omnis (to be used as main microphones in A/B pairs), plus CCM 4 cardioids, CCM 41 supercardioids, and CCM 21 wide cardioids. Furthermore, Schoeps RC tubes will be used for mobile spot microphones on stands.



The close collaboration of Schoeps with the Berlin Philharmonic has resulted in a number of new developments. The tiny gooseneck element S 170 L – used for orientating the hanging microphones – is now a standard part of the Schoeps catalogue. Special cable clamps were also developed for orientating the microphones by means of nylon strings. Klaus-Peter Gross, Chief Sound Engineer of the Berlin Philharmonic, points out: “The Schoeps mics offer us more possibilities; they sound good and they

look very good.”

With this investment the Berlin Philharmonic is equipping its unique Digital Concert Hall, the virtual concert venue of the Berlin Philharmonic on the Internet. Here you can experience the orchestra performing live at the Philharmonie in more than 30 broadcasts every year. A few days after each broadcast, a recording of the concert is made available for viewing in the archive. Six remote-controlled HD cameras have been installed in the Philharmonie which, along with excellent audio technology, ensure that the experience is as authentic as it is thrilling.



Stereo Recording

Schoeps has a large selection of microphones and accessories for M/S, X/Y, Blumlein, ORTF, and A/B stereo recording, which allows the user to find the right setup for any stereo recording situation. Its M/S solutions are particularly respected, as are its stereo microphones such as the MSTC 64 U for ORTF recording or the CMXY 4V for X/Y. The recently introduced stereo sets are particularly successful. Schoeps stereo setups are a standard in music, film, and sports recording.



Schoeps is committed to a comprehensive range of multi-channel arrays for every eventuality.



Multi-Channel Arrays

Schoeps offers a wide selection of practical multi-channel arrays and arrangements for the professional recordist including the Double M/S, ORTF Surround, IRT Cross, and OCT Surround systems. Due to this large variety, any application can be optimally targeted. The Schoeps engineers share their experience and competence for any music, film, documentary, sports, ambience, or live application and help to find the proper setup.

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