

SCHOEPS ORTF SURROUND INDOOR SET



Plug-and-Play setup for Surround Ambience Recording



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Kategorie: [Audio](#), [Mikrofony](#)

GALLERY IMAGES



OPIS

- indoor plug and play solution for Surround Ambience
- optimal imaging characteristics like those of the “IRT Cross”:
good 360° imaging with a pleasant, natural-sounding spatial impression
- complete set including four SCHOEPS CCM 41 L supercardioids
- applications: sporting events, film sound, etc.
- optionally available with integrated heating

The “ORTF Surround” recording method is a new system for the pickup of surround

ambience. This microphone arrangement and its sonic characteristics are quite similar to those of the well-known “IRT Cross” designed by Günther Theile. Both the 360° imaging and the spatial impression are of optimal quality. This is achieved with a high degree of signal separation among channels, based both on arrival-time differences and level differences.

Application

The ORTF Surround arrangement has been designed to be mounted conveniently in a single elastic suspension and (as an option) to share a single windscreen (see WSR ORTF Surround). The windscreen is not comprised with the ORTF Surround Indoor Set.

It differs from the IRT Cross arrangement in being rectangular rather than square. Its pickup regions are correctly apportioned through careful choice of the angles and distances among the microphones.

The ORTF Surround Indoor Set comprises:

- four CCM 41 Lg compact microphones
- a four-way “ORTF Surround Bar” (ORTF Surround Bar LM) terminated with a Neutrik multi-pin connector
- an elastic suspension (Rycote Invision INV-7)
- a 5-meter, four-way Binder multi-core cable (K Surround 5 M)
- an adapter cable AK Surround M/4U (Multipin / 4 × XLR-3M)

When working indoors, the ORTF Surround Indoor Set is used without windscreen. If a moderate degree of wind protection should be required, a Schoeps B 5 D foam windscreen can be placed over each microphone separately.