

# CMIT\*5 U Shotgun Microphone



You want to record some dialogue outdoors, but the surroundings are too noisy. Your supercardioid is pressed to the limit. Which microphone should you use?

## The SCHOEPS shotgun CMIT 5 U

### Features:

- Unusually low coloration of off-axis sound since the pickup angles at low and high frequencies are kept reasonably similar to one another: At medium frequencies the directivity of the CMIT 5 U is higher than one would expect from a microphone of this length, while at high frequencies the pickup pattern is not as narrow as with long shotgun microphones. Thus in active scenes it is easier to cue the boom and keep actors "on mike."
- SCHOEPS sound quality makes the microphone suitable for music recording as well as dialogue.
- The directional pattern and sound quality are consistent in both the horizontal and vertical planes, unlike some other shotgun microphones.
- Even greater immunity to wind noise than a SCHOEPS supercardioid
- Very lightweight, robust all-metal housing

Three pushbutton-activated filters allow the microphone to adapt to all recording situations:

- **High-frequency emphasis** (+ 5 dB at 10 kHz) enhances speech intelligibility, and compensates for high-frequency loss caused by windscreens;
- A **steep low-cut filter** (18 dB/oct. below 80 Hz) suppresses wind and boom noise;
- A **gentle low-frequency rolloff** (6 dB/oct. below 300 Hz) compensates for proximity effect.

Pairs of LEDs next to each pushbutton indicate the status of the filters. Even in darkness the user can read the settings and see that the microphone is operational. The settings are retained when the microphone is switched off.

### Accessories:

Included: polished wood carrying case, SG 20 swivel joint, W 140 foam-type windscreens for moderate wind;  
Separately available: elastic suspension with pistol grip; "Softie" for somewhat stronger wind; basket-type windscreens with "Windjammer" (fur-like cover) for really strong wind

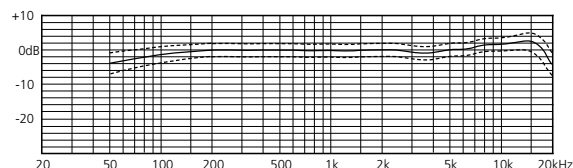
Illustrations: see back of cover

The capsule and amplifier of the CMIT 5 U are built as a single unit, unlike microphones of the SCHOEPS "Colette" series.

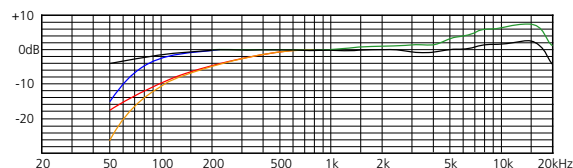
\*Condenser Microphone with Interference Tube

### Technical Specifications:

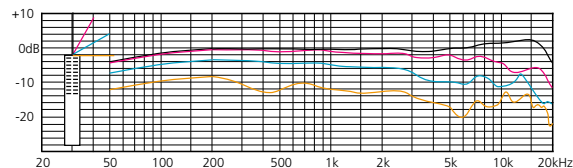
Directional pattern:	..... supercardioid/ lobe-shaped
Frequency range:	..... 40 Hz – 20 kHz
Switchable filters:	..... 80 Hz with 18 dB/oct, 300 Hz with 6 dB/oct, 5 dB lift at 10 kHz (shelving)
Sensitivity:	..... 17 mV/Pa
Equivalent noise level (filters off):	..... 14 dB-A*, 24 dB CCIR**
Maximum sound pressure level:	..... 132 dB SPL at 0.5% THD
Powering:	..... 48 V phantom
Current consumption:	..... 4.4 mA
Maximum output voltage:	..... 1.3 V (1 kHz, 1 kOhm)
Output impedance:	..... 50 Ohms
Recommended load impedance:	..... 600 Ohms or greater
Length:	..... 251 mm (9.88")
Diameter:	..... 21 mm (0.827")
Weight:	..... 89 grams (only 3-1/8 ounces!)



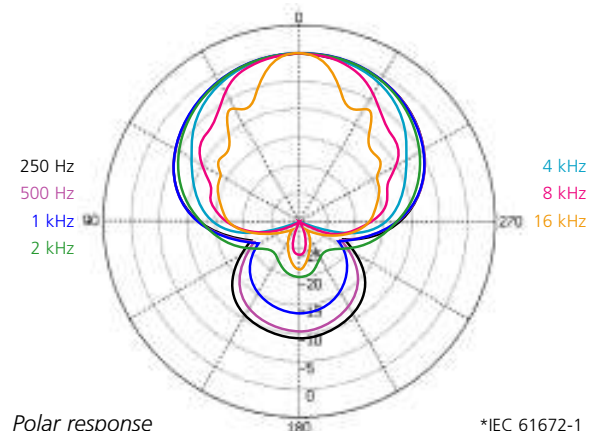
Frequency response curve with tolerance range



Frequency response: — without filter  
— 80 Hz, 18 dB/oct — 10 kHz: +5 dB  
— 300 Hz, 6 dB/oct — 80 Hz + 300 Hz



Frequency response without filter at 30°, 60°, 90° incidence



Polar response

\*IEC 61672-1  
\*\*IEC 60268-1



Holzetui (im Lieferumfang)  
Polished wood carrying case (included)



Detail: zuschaltbare Filter mit LED-Anzeige  
Detail: switchable filters with LED indicators



Windschutz W 140 und Stativklammer SG 20  
W 140 windscreen and SG 20 stand clamp  
(beide im Lieferumfang) (both included)

3) "medium modular suspension"  
Rycote Nr. 040103  
+ "Connbox CB 1"  
Rycote Nr. 016901



1) "Mount & Handle"  
Rycote Nr. 033702

4) 3+ "WS 295"  
Rycote Nr. 010606



1+2= Rycote Nr. 033332



2) 12cm "Softie"  
Rycote Nr. 033032

5) 3+4+ "WJ 295" ("Windjammer")  
Rycote Nr. 021510



3+4+5=  
"WS 295 Kit" Rycote Nr. 086009  
+ "Connbox CB 1", Rycote Nr. 016901