

STEREO

S502

ORTF Stereo, 1/2" True Condenser

The S502 combined a pair of matched cardioid capsules in the ORTF arrangement - the most popular stereo recording microphone technique for loudspeakers as well as headphones reproductions.

Based on the successful S241 and S125 true condenser technology, Superlux exercise the same precision 1/2" gold coated diaphragm for the most precision sound pick-up. Simple and straightforward design provides experienced engineers the most convenient solution for stereo recording.

For the field professional, S502 combined with FMX42D provides easiest field stereo recording with palm size flash recorder, or HDV camcorders. S502 works with any professional audio recorder or professional camera with 48V phantom power supply.



P48

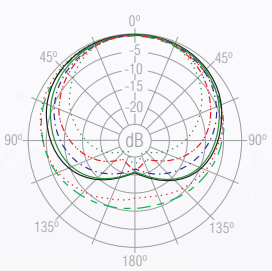
S502	
Sensitivity (ref. 1Pa or 94dB SPL)	-36dBV
Max SPL (THD≤0.5%)	135dB
Equivalent Noise Level (A weighted)	18dB
Dynamic Range	117dB
Output Impedance	200Ω
Load Impedance	1KΩ
Power Spec.	P48, 4.5mA

ORTF technique balanced excellent stereo positioning, and spacious sound that please most of the audience than AB or XY/MS stereo technique. ORTF is a technique that can be easily handled by beginners or video production crews with a fix ORTF stereo microphone such as S502. Experienced engineer can also takes this advantage with S502, or use a pair of S241 with stereo bracket for ORTF recording.

What is "ORTF"?

ORTF is brief from "Office de Radiodiffusion Télévision Française". This standard was established for stereo broadcasting that brings optimal stereo performance to most audio systems. 2 cardioid capsules arranged with 110° open angle and 17 cm space away.

The benefits of ORTF brings more spacious sound than coincident XY technique, yet avoid "hole in the center" problem of spaced AB technique which exhibits very good spacious sound.



- 250 ---
- 500 - - -
- 1K ———
- 2K - · - ·
- 4K ———
- 8K - · - ·

