



SOUNDFIELD SPS200

A-Format Microphone

NEW


The new SPS200 A-Format microphone brings the advantages of SoundField Technology to a wider audience and provides the perfect 'front end' to capture both stereo and 5.1 surround. It is ideally suited to those working in the field on laptop based recording systems or in the studio on fully fledged Digital Audio Workstations.

The SPS200 A-Format microphone uses the same established SoundField multi-capsule technology as the high-end models in the SoundField range. This relatively lightweight microphone (approximately 220grams) is powered by standard 48v phantom power and incorporates four low noise, studio grade condenser capsules. A short break-out cable outputs the SoundField A-Format at mic level on four balanced XLRs, ensuring compatibility with all equipment.

The SPS200 A-Format microphone is the first SoundField microphone that does not require an accompanying control unit. All the processing – such as the A to B-Format conversion, stereo and surround sound decoding/manipulation – takes place in software which comes packaged as standard with the SPS200 A-Format microphone. There are two plug-ins: "SoundField Conversion Zone" takes care of the A to B-Format conversion and the highly regarded "SoundField Surround Zone" looks after all the aspects associated with the stereo and surround sound decoding and manipulation.

The software is currently available for Pro-Tools® HD and all platforms supporting VST-Multichannel such as Nuendo, Cubase, Soundscape, etc. on both PC and MAC platforms.



'Conversion Zone' and 'Surround Zone' in Pro Tools®

SOFTWARE FEATURES

- A-Format to B-Format conversion
- **Rotate:** Allows for full 360° rotation
- **Tilt:** Provides $\pm 45^\circ$ tilt
- **Zoom:** Gives effect of zooming in or further away from sound source
- **End Fire:** Re-orientates mic for end fire use as opposed to standard 'side address'
- **Invert:** maintains correct three-dimensional perspective in both surround and stereo when microphone is suspended upside down above the sound source

SURROUND

- Option of six different surround modes, three 5.1 pre-sets, a 6.1, a 7.1 and an 8-channel pre-set
- Variable front and rear width
- Variable rear polar patterns

STEREO

- Variable polar patterns
- Variable stereo width
- Variable high pass filter
- Mid/Side encoder