ORCHESTRA ®

INSTRUMENTS

OBOE

VOLUME 1 A . ORTF 3 m

FEATURES

- 8 multisamples per note

- The entire range of the instruments has been chromatically sampled

- 8 musical dynamic levels (ppp / pp / p / mp / mf / f / ff / fff)

- The samples were so edited until the sound character differences of neighboring dynamic levels e.g., mf and mp are hardly recognizable, wherein the sound character differences between the upper and lower dynamic levels, ie ppp and fff are maximum. This is a big advantage compared to libraries from other manufacturers, in which would be even if equipped with 16 dynamic levels have, you can always hear a sharp jump between adjacent dynamic range

- All sounds were for exactly 4 s (depending on the stereo technique between 500 ms to max. 3 s reverberation) recorded. It results an exact ending per preset

- All sounds were in highest quality with 24 bit and 96 kHz recorded (The download version down sampled to 16 bit / 44100 Hz)

- The samples were produced without the use of artificial loops

- This library will be ever further developed by various playing techniques based on the volume number) and supplemented by letter

- Recorded and edited with the best professional equipment

- Made with advanced manufacturing technologies in Germany

A FEW WORDS ABOUT THE RECORDING

ORTF technique:

- The ORTF stereophonic sound is a type of equivalence stereophony and is a stereo microphone method with level differences and time differences between left and right channels. This stereo technique was devised around 1960 by engineers of the Radio France

- Two single directional microphones were arranged with an axis angle between the two microphones of $\alpha = \pm 55° = 110°$, and a microphone base (distance between the microphone capsules) of a = 17.0 cm. The result is both level difference and time difference

- At the two used directional microphones were used as polar patterns cardioids

- There are little time differences between left and right channels in this recording technique, it is compatible with mono, and is therefore used in broadcasting

- The ORTF stereophonic sound is a recording method for recording of direct sound with localization focus and spatial sound with stereo depth

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ORTF-Stereophony