



Rotax 125 Senior Max Evo 2014 go-kart

The Rotax 125 Senior Max Evo is a high-performance, single-cylinder two-stroke racing go-kart engine producing around 30 horsepower and revving up to nearly 14000 RPM. Recognized worldwide as a pinnacle standard in competitive karting, its acoustic signature is screaming, intense and aggressively raw, characterized by razor-sharp throttle snap, blistering intake induction whines, high-pitched two-stroke exhaust crackles and visceral mechanical vibrations from a direct-drive chassis. This dedicated sound library captures the thrilling race-day dynamics of competitive karting, making it an essential asset for motorsport post-production, high-speed racing scenes, game audio vehicle physics and futuristic sci-fi sound design.

Whether you need to build continuous high-RPM racing loops, simulate aggressive track maneuvers with sharp throttle fluctuations or isolate high-frequency two-stroke screams for vehicle layering, the Rotax 125 Senior Max Evo library offers a pristine, high-resolution toolkit.

Dual-Perspective Synchronized Tracking: Features phase-aligned multi-channel recordings capturing separate focal points from the engine perspective (sharp mechanical intake snap, carburetion hiss and high-revving engine block dynamics) and the exhaust perspective (blistering two-stroke tailpipe crackles, expansion chamber resonance and aggressive exhaust bursts).

Static RPM Holds & Specialized Track Maneuvers: Includes isolated steady-state RPM step recordings (4000, 6000 and 8000 RPM) across both perspectives for seamless game engine looping curves, paired with authentic racing dynamics, such as full-throttle straightaways, aggressive race circuit laps, rapid acceleration/deceleration sweeps, overtaking maneuvers, false starts and dramatic U-turns around the microphone array.

Pristine High-Resolution Capture: Recorded at 192 kHz / 32-bit float using the high-headroom Sound Devices MixPre-6 II recorder. Captured with a precision mic setup consisting of the RØDE NTG1 shotgun microphone and Line Audio Omni1 omnidirectional microphones to handle intense sound pressure levels without distortion.

Complete Race-Day Audio Matrix: Archives 52 total WAV files covering dynamic Trackside pass-bys at various speeds, sharp curve cornering, acceleration ramps, multi-velocity arrivals/departures and full start/idle/stop cycles.

Technical Specifications

Audio Quality: 32-bit / 192 kHz (Lossless, high-definition masters optimized for cinematic mixing and extreme sound manipulation)

Workflow: Fully UCS compliant (Universal Category System)

Microphones: RØDE NTG1, Line Audio Omni1

Recorders: Sound Devices MixPre-6 II

Content: 52 WAV files (Static RPM step loops, synchronized dual-perspective race track loops, dynamic curve/straightaway pass-bys, false starts, acceleration sweeps and start/idle/stop cycles).

Tracklist:

1. 4000 RPM engine perspective
2. 4000 RPM exhaust perspective
3. 6000 RPM engine perspective
4. 6000 RPM exhaust perspective
5. 8000 RPM engine perspective
6. 8000 RPM exhaust perspective
7. arriving fast
8. arriving medium
9. arriving slow
10. driving fast on race track engine perspective
11. driving fast on race track exhaust perspective
12. driving fast on straight track engine perspective
13. driving fast on straight track exhaust perspective
14. driving medium engine perspective
15. driving medium exhaust perspective
16. driving slow engine perspective
17. driving slow exhaust perspective

18. driving with fast speeding up and fast slowing down engine perspective
19. driving with fast speeding up and fast slowing down exhaust perspective
20. driving with overtaking engine perspective
21. driving with overtaking exhaust perspective
22. driving with slow speeding up and slow slowing down engine perspective
23. driving with slow speeding up and slow slowing down exhaust perspective
24. driving with speeding up, driving steady, slowing down engine perspective
25. driving with speeding up, driving steady, slowing down exhaust perspective
26. driving with U turn engine perspective
27. driving with U turn exhaust perspective
28. false start engine perspective 1
29. false start engine perspective 2
30. false start exhaust perspective 1
31. false start exhaust perspective 2
32. pass by fast
33. pass by medium curve
34. pass by medium
35. pass by slow curve
36. pass by slow
37. pass by with corner turn
38. pass by with slowing down and speeding up
39. pass by with U turn around the microphone
40. pulling away fast
41. pulling away medium
42. pulling away slow
43. ramps engine perspective
44. ramps exhaust perspective
45. revving long engine perspective

- 46. revving long exhaust perspective
- 47. revving several shorts engine perspective
- 48. revving several shorts exhaust perspective
- 49. revving short engine perspective
- 50. revving short exhaust perspective
- 51. turn on, idle, turn off engine perspective
- 52. turn on, idle, turn off exhaust perspective