

Steam Trains Specifications Sheet // 1

9972xx - Santa Fe



About the 9972xx

This collection gathers the heavy, powerful sounds of a 9972xx, and the clatter, rattle, and grinding of wagons.

Highlights are the fast and heavy pass-bys, recorded at several isolated places in the Harz mountain range of Germany, resulting in very clean recordings with impressive long tails of steam engine sound. Takes also include idling, approaching, departing, and arriving trains.

The riding recordings were made in different locations of the train such as the engine, between the wagons and in the compartment.

Statistics

- Type: 9972xx
- Name: Santa Fe
- Manufacturer: LKM Babelsberg
- Build date: 1954-1956
- Whyte notation wheel arrangement: 2-10-2
- UIC Class: 1'E1' h2t
- Gauge: Narrow gauge 1000 mm (3 ft 3³/₈ in)
- Driving Speed: 40 km/h

Recording Equipment

Shoeps MK4/MK8 MS

Sound Devices 702

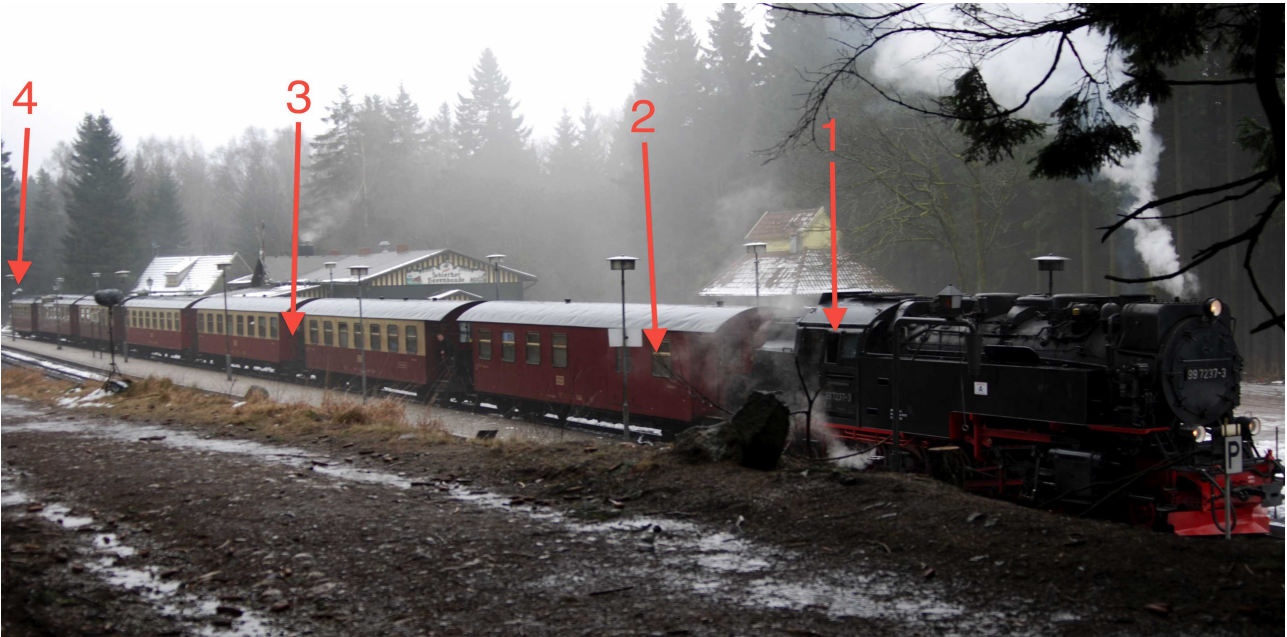
Sony PCM-D 100 for alternative angles (where noted)

Photos and Microphone Position

Idle



Riding



4. Steam train Riding EXT Wagon, End of the train
 3. Steam train Riding EXT Wagon, Between Wagons

2. Steam Train Riding INT Wagon, Large Compartment
 1. Steam Train Riding INT Engine



4. Steam train Riding EXT Wagon, End of the train



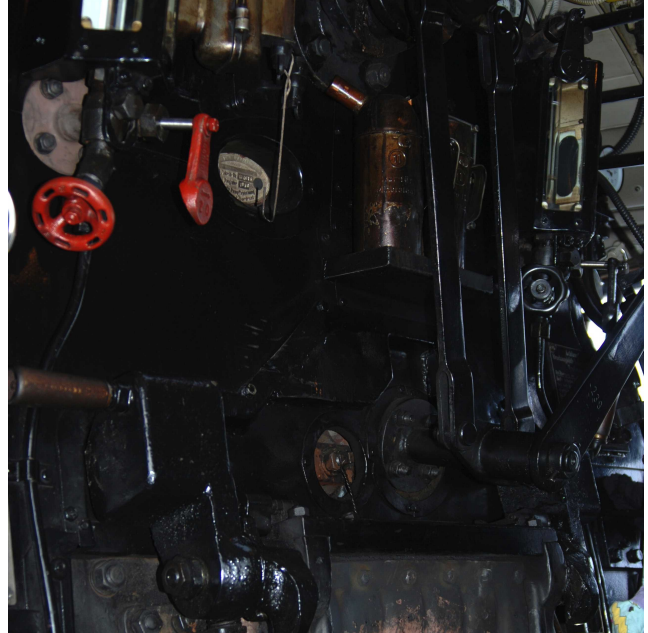
3. Steam train Riding EXT Wagon, Between Wagons



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2. Steam Train Riding INT Wagon, Large Compartment



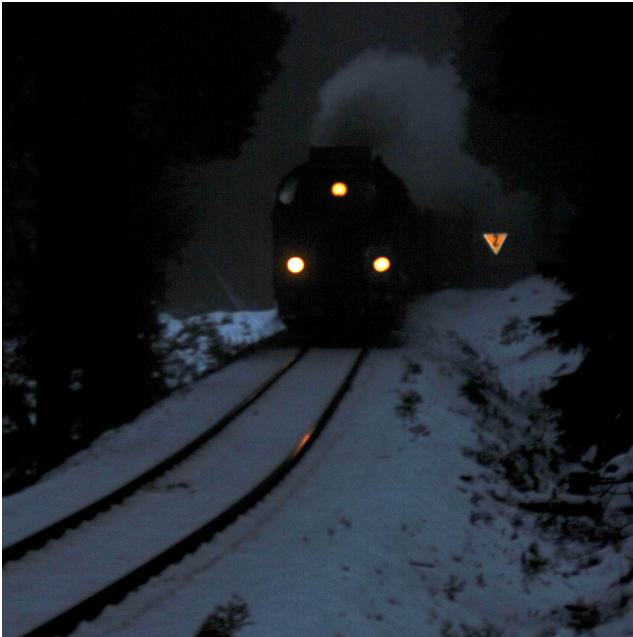
1. Steam Train Riding INT Engine

Shunting





Pass bys



Arriving and Departing





Read More:

About the locomotive: https://en.m.wikipedia.org/wiki/DR_Class_99.23-24

About the broken railway: https://en.m.wikipedia.org/wiki/Brocken_Railway

Notes:

About the rain takes:

One day, we had bad luck with the weather, and the rain became steady. Even so, we made some takes, and liked the sound of the pass-bys on wet tracks. So we decided to include these recordings as bonus tracks. Maybe they can be useful sometime.

About the alternative Takes:

The majority of tracks were captured with a Shoeps MK4/MK8 MS, paired with a Sound Devices 702 recorder. Some takes provide an alternative mix with recordings from an additional Sony PCM-D 100 recorder.