

DOVETAIL GAMES  
**TS·2019**  
TRAIN SIMULATOR

**ADD-ON**

  
**AEROSOFT®**

# Freiburg- Basel



**Manual**

**PAD** Labs

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# Freiburg- Basel

## Manual

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Add-on for

**Train Simulator 2019**



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# Starting Off

## Minimum System Requirements

- Train Simulator 2018 with European Assets and Loco Pack
- Operating System: Microsoft Windows 7 / 8 / 10 (64bit)
- Processor: Dual Core CPU with 2.6 GHz
- Memory: 8 GB RAM
- Graphics card: 1 GB VRAM, DirectX 9.0c
- Free disk space: 5 GB

## Installation

You will be asked to insert your registration key. Please keep your registration key in a safe place, you will need it again if a new installation is necessary. To start the installation simply insert the DVD into your DVD drive or run the file downloaded from your shop account. After selecting your preferred installation language, the welcome screen will appear and you will be presented with some important information and the license agreement. Please read it carefully.

Now you will be asked to insert your registration key. Please insert it exactly the way it was written on the label or in the confirmation mail you received from your download shop.

The installation program will attempt to locate the correct path.

Before the installer starts to copy the files onto your hard disc, you will be shown all the installation details.

The installation program will now copy all of the "Freiburg - Basel" files onto your hard disk.

## Settings in Train Simulator

To ensure the highest possible performance we recommend to check the graphics settings in Train Simulator 2018.

Please open the menu „Settings“ – „Graphics“ – „Advanced“.

We recommend you set the sliders to values according to the performance of your PC system.

## Support

Support for this product is offered by Aerosoft. We prefer to have a support forum for the simple reason that it is fast and efficient because customers help customers when we are not in the office:

<http://forum.aerosoft.com/>

And we advise the Train Simulation subforum for any questions on this product. This should be your first stop for any support. If you prefer support by email please do accept that this could take a bit longer as it might be send from person to person if necessary, and that email support during the weekends is always slow:

<https://aerosoft.zendesk.com/hc/en-us/requests/new>

We feel strongly about support. Buying one of our products gives you the right to waste our time with questions you feel might be silly. They are not.



# About Freiburg-Base

## The Route

Our route starts at the main station in Freiburg im Breisgau and goes up to Basel Badischer Bahnhof. As part of the Rhine valley route this railway route is one of the most important North-South links in the European railway network. Today it's one of the most frequented railway routes in Germany.

This route is also very important for international train connections to Switzerland and France. It is the main gate to the newly opened Gotthard Base Tunnel in 2016.

Our route represents the state of the route of the year 2013/14. The newly constructed high speed route with the Katzenbergtunnel is included as well as the large container terminal in Weil am Rhein and the freight branch line in Freiburg. Overall you have more than 80 km of railway track with very interesting scenarios.

### Stations:

Freiburg main station  
 Freiburg freight station  
 Freiburg – St. Georgen  
 Ebringen  
 Schallstadt  
 Norsingen  
 Bad Krozingen  
 Heitersheim  
 Buggingen  
 Müllheim  
 Auggen  
 Schliengen

Bad Bellingen  
 Rheinweiler  
 Kleinkems  
 Istein  
 Efringen-Kirchen  
 Eimeldingen  
 Haltingen  
 Weil am Rhein  
 Basel Badischer Bahnhof

We use the HV signal system on this route.

## Rolling Stock

Our route includes some rolling stock that is typically used on this route.

### Class 189



This electric loco of the class 189 is used for heavy freight duty.



## Class 111



The locos of the class 111 are used for regional trains.

## ICE 1



The ICE 1 is the first generation of modern high speed trains for Deutsche Bahn.

## Double Decker Cars DBz/DABz + Control Car



Double decker cars are used for regional traffic.

There are also some freight wagons included.

## Scenarios

Our add-on includes ten exciting career mode scenarios.

### 1. ICE to Basel

You are going to drive an ICE going to Basel SBB on the part from Freiburg (Breisgau) to Basel Bad. It will be an easy journey.

Duration:	45 min
Difficulty:	1
Season:	Summer
Weather:	Clear



## 2. Fiery Christmas Journey

On this Christmas Eve you'll have to ride on an ICE1 for line #4 to Frankfurt. Your task is to drive it from Basel Bad to Freiburg. Your train will be redirected due to a fire in the tunnel on the planned route.

Duration: 60 Min  
 Difficulty: 1  
 Season: Winter  
 Weather: Snow

## 3. TEC 48973 to Freiburg

Today you're going to drive TEC 48973 to Freiburg freight station.

Duration: 50 Min  
 Difficulty: 1  
 Season: Summer  
 Weather: Clear

## 4. Regional Express to Basel

Today you'll drive a regional train to Basel Bad station.

Duration: 35 Min  
 Difficulty: 1  
 Season: Autumn  
 Weather: Rain

## 5. Regional Express 17024

Due to construction works at Basel Bad station today your ride will start in Weil am Rhein.

Duration: 60 Min  
 Difficulty: 2  
 Jahreszeit: Summer  
 Weather: Clear

## 6. Shunt with Electrical Locomotive

The shunting loco is broken. You have to shunt on your own.

Duration: 40 Min  
 Difficulty: 4  
 Season: Winter  
 Weather: Snow

## 7. Tunnel Operation

A train stranded on its route due to a technical defect. It is your task to get the route operational again for the train traffic that has already accumulated.

Duration: ca. 40 Min  
 Difficulty: 3  
 Season: Winter  
 Weather: Clear

## 8. Tank Wagons to Basel

Take a train with tank wagons to Basel.

Duration: 60 Min  
 Difficulty: 2  
 Season: Summer  
 Weather: Rain



## 9. Storm Damages

There was a heavy storm last night that caused the train traffic to shut down. You have to help getting everything running again. This scenario is meant for advanced Train Simulator users!

Duration: 60 Min  
 Difficulty: 4  
 Season: Summer  
 Weather: Stormy

## 10. RE5345 to Basel

Today you drive the regional express RE 5345 from Freiburg to Basel Bad.

Duration: 60 Min  
 Difficulty: 1  
 Season: Spring  
 Weather: Clear

# Key Assignment

## BR 189

A/D	Throttle
W/S	Reverser
'/;	Train Brake
[/]	Engine Brake
./,	Dynamic Brake
Backspace	Emergency Brake
/	Handbrake
H/Shift + H	Headlights
V	Wipers
X	Sander
Space	Horn
B	Horn 2
Q	AWS Reset
Z	Engine Start/Stop
P	Pantograph
L	Cabligh



## BR 111 and DBz/DABz

A/D	Throttle
W/S	Reverser
'/;	Train Brake
[/]	Engine Brake
Backspace	Emergency Brake
/	Handbrake
PageDown	PZB Caution
End	PZB Release
Delete	PZB Command
H/Shift + H	Headlights
V	Wipers
X	Sander
Space	Horn
B	Horn 2
Shift + 7	Sifa on/off
Q	Sifa Reset
NumPad Enter	Warning System Reset
Z	Engine Start/Stop
P	Pantograph
O/Shift + 0	ZZA
F/CTRL + F	FML Switch
L	Cabligh
NumPad +/NumPad -	Train Brake
NumPad Enter	PZB Caution
Shift + 9	ZWS
Shift + 8	PZB on/off
CTRL + 8	PZB Type of Train
./,	Dynamic Brake

## ICE 1

A/D	Throttle
W/S	Reverser
'/;	Train Brake
[/]	Engine Brake
Backspace	Emergency Brake
/	Handbrake
Y/C	Target Speed
Shift + A	AFB on/off
Delete	PZB Command
H/Shift + H	Headlights
V	Wipers
X	Sander
Space	Horn
B	Panel Lights
Q	AWS Reset
NumPad Enter	Warning System Reset
Z	Engine Start/Stop
P	Pantograph
./,	Dynamic Brake

# Appendix

## Known Issues

### Performance

Some of our 3D models have complex textures and need appropriate memory. Please pay attention to the notes in the chapter 'Settings in Train Simulator' in this manual.

If a crash happens during your ride please reduce the setting of the slider for scenery quality. This will reduce the necessary memory with only a slight decrease of the texture quality.

### Signals/PZB

We did our very best to make the signalling system as close to the real world as possible. However it may happen that a signal or a PZB magnet doesn't work as you expect in a certain situation and it's caused by the technical limitations of the Train Simulator.



# Credits

To create such a route is always a very complex project. This add-on would probably not exist without the support of all the people who helped us build this impressive route.

Many thanks to Niklas for providing us with a lot of photos of Basel.

Special thanks to Mathias Gundlach and his signalling team for their constant willingness to modify, add and improve things and to provide a functional signalling system.

It would have taken much longer to finish this route without the permission from Siegfried Derks to use his objects. Thank you Siegfried.

Also thank you to Jan Bleiß from virtualTracks and the team of RLB for allowing us to use some of their 3D models.

Manfred allowed us to use his destination boards, thank you for this.

Also thank you to Dirk for supporting us with his lime works model.

The rolling stock and the PZB system comes from virtualRailroads. Thank you for supporting us.

Many thanks to Maik Goltz for his outstanding work in laying the track and setting up the signals and the overhead wire system.

Many thanks also to Bernd, Ulrich and Thomas. They supported us in build up the route.

Florian created some models of modern houses, many thanks for that.

Not to forget the JTG team for creating the scenarios.

We partly used textures from [www.textures.com](http://www.textures.com) for modelling this route.

And last but not least special thanks to all the beta testers.



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