

The 'Worth Valley' for Train Simulator

User Manual

STEAM AND DIESEL

Era: The year 2000 Onward

Introduction:

The Keighley and Worth Valley Railway is a 5-mile long heritage railway in the north-west of England and has been lovingly recreated for Train Simulator by the talented teams at Vulcan Productions and Skyhook Games Ltd, with additions by Blast Pipe Productions. Much work has also been carried out in-house by Steam Sounds Supreme. But before we move onto learning about the pack, let's give you a brief history of the real-world Keighley and Worth Valley Railway.

A History:

The Worth Valley branch was opened to passenger trains on 15th April 1867. The line was operated by the Midland Railway. In 1892, the original route between Oakworth and Haworth was abandoned, with a deviation through Mytholmes tunnel being built. The reason for this deviation was because some passengers felt the trestle viaduct on the original route was unsafe and would avoid using the train between Oakworth and Haworth. This coincided with the Midland buying out the Great Northern Railway and taking full ownership of the branch. In 1923 the Midland was absorbed into the LMS of the grouping era, and then into British Railways in 1948. Unfortunately, the writing was on the wall. And just 14 years later, the line was closed.

Preservation:

In 1962, the Keighley and Worth Valley Railway Preservation Society was formed. Rail enthusiasts and local people raised the money to buy the branch off British Railways. On June 29th, 1968, the branch reopened as a heritage railway. The KWVR is rare among heritage lines, as it operates a complete branch line in basically its original form. It is a major tourist attraction and carries over 100,000 passengers every year. The railway has been used in many films and television productions during the preservation era, most notably in the classic 1970 film 'The Railway Children'. Read on to find out how you can recreate scenes from this iconic movie yourself!

TS Route Features:

- The Complete Heritage Railway from Keighley to Oxenhope
- 6 Faithfully Recreated Stations
- Custom Assets Throughout - OVER 100 CUSTOM ASSETS IN TOTAL!
- BR Standard Class 4 75078 and Bulleid Light Pacific 34092 City of Wells(Complete Locos. No Dependencies Needed)
- BR Maroon Mk1 and Mk1 Suburban Carriages
- Recreation of Mk1 Jubilee Bar Car
- Loco and Rolling Stock Pack
- Scenarios, including a full steam gala
- Quick Drive Ready
- Authentic Sounds and Audio Experience
- AND SO MUCH MORE!



PLEASE NOTE: The signaling has been designed to give flexibility of use. To overcome the limitations of the Train Simulator dispatcher, some signals have been placed below ground. This maintains the correct look, while allowing two active trains in the same area of the route. Below ground signals are placed at Keighley, Haworth and Haworth Loop.

Locomotives and Rolling Stock

Where you see a * after the loco or stock name, that means that the loco or stock item is a repaint only. Additional DLC will be required. Links to DLC will be provided.

Steam Locomotives

BR Standard Class 4 4-6-0 75078



Description	Display Name
Standard 4 75078 Lined Loco	[KWVR] BR Standard Class 4 75078
Standard 4 75078 Lined Tender	[KWVR] BR Standard Class 4 75078 Unlined
Standard 4 75078 Unlined Loco	[KWVR] BR Standard BR1B Tender Black
Standard 4 75078 Unlined Tender	[KWVR] BR Standard BR1B Tender Black Unlined

Control Name	Key Commands	Additional Comment
Advanced Mode On/Off	Return	Advanced mode includes steam chest simulation & realistic brakes, requiring use of the ejector.
Random Short Whistles	B	A variety of whistle sounds ideal for station departures etc
Loco Brake	' [' and '] '	Loco brake for use when running light engine. Ejector not required once train brake is fully released.
Ejector	J and Shift+ J	Press and hold J to open the ejector. Used to eject air from the brake system. Shift+J to close. Ejector must be kept open slightly when in motion.
Window Left & Right	Mouse Only	Operate the cab windows using the mouse only
Lamps and Discs	Ctrl+1, 2, 3, 4, 5 & 6	Use these key commands to turn on/off each lamp/disc on each bracket. 1 is top bracket.
Lamp/Disc Toggle	Ctrl+D	Use this control to toggle between lamps and discs on the loco and tender.

This locomotive comes with a complete Steam Sounds Supreme sound set and advanced steam particle effects.

*Known Issue: Regulator sometimes stops working when using the HUD

Bulleid Light Pacific – 'Wells' & 'City of Wells'



Description	Display Name
Bulleid Pacific 34092 Wells Loco	[KWVR] Bulleid LP 34092 Wells Engine
Bulleid Pacific 34092 City of Wells Loco	[KWVR] Bulleid LP 34092 City of Wells Engine
Bulleid Pacific 34092 City of Wells + GA Loco	[KWVR] Bulleid LP GA 34092 City of Wells Engine
Bulleid High-Sided Tender	[KWVR] Bulleid LP 34092 City of Wells Tender

Control Name	Key Commands	Additional Comment
Advanced Mode On/Off	Return	Advanced mode includes steam chest simulation & realistic brakes, requiring use of the ejector.
Random Short Whistles	B	A variety of whistle sounds ideal for station departures etc
Window Left & Right	Mouse Only	Operate the cab windows using the mouse only
Headboards	Ctrl+8	Toggle through 8 headboards. ACE, Royal Wessex, Man of Kent, Kentish Belle, Pines Express, Cunarder, Bournemouth Belle & Devon Belle

This locomotive comes with a complete Steam Sounds Supreme sound set and advanced steam particle effects.

BR Standard Class 2MT 78022*

A repaint of Digital Traction's BR Standard Class 2MT available on Steam [HERE](#)



Description	Display Name
BR Standard 2MT 78022 BR Black Loco	[KWVR] BR Standard 2MT 78022
Early Crest Tender	[KWVR] BR Standard 2MT 78022 Tender Early
Late Crest Tender	[KWVR] BR Standard 2MT 78022 Tender Late

Control Name	Key Commands	Additional Comment
Advanced Mode On/Off	Return	Advanced mode includes steam chest simulation & realistic brakes, requiring use of the ejector.
Random Short Whistles	B	A variety of whistle sounds ideal for station departures etc
Loco Brake	' [' and '] '	Loco brake for use when running light engine. Ejector not required once train brake is fully released.
Ejector	J and Shift+ J	Press and hold J to open the ejector. Used to eject air from the brake system. Shift+J to close. Ejector must be kept open slightly when in motion.

This locomotive comes with a complete Steam Sounds Supreme sound set and advanced steam particle effects.

*Known Issue: Regulator sometimes stops working when using the HUD

Jubilee Class 45596 'Bahamas'*

A repaint using the old Jubilee DLC now only available on Amazon [HERE](#)



Description	Display Name
BR Green Jubilee Bahamas Loco	[KWVR] Jubilee Class 45596 Bahamas
BR Green Jubilee Tender	[KWVR] 45596 Bahamas Tender

Control Name	Key Commands	Additional Comment
Advanced Mode On/Off	Return	Advanced mode includes steam chest simulation & realistic brakes, requiring use of the ejector.
Random Short Whistles	B	A variety of whistle sounds ideal for station departures etc
Lamp Setup	Ctrl+1, 2, 3 & 5	1 – Bufferbeam Left; 2 – Bufferbeam Middle; 3 – Bufferbeam Right and 5 - Top
Headboards	Ctrl+8	Toggle through 4 headboards including a Bahamas Locomotive Society headboard
Ejector	J and Shift+ J	Press and hold J to open the ejector. Used to eject air from the brake system. Shift+J to close. Ejector must be kept open slightly when in motion.

This locomotive comes with a complete Steam Sounds Supreme sound set and advanced steam particle effects.

Fowler 4F 43924*

Repaint of the Academy 4F locomotive. All Train Simulator users post-TS2016 should have this installed.



Description	Display Name
Fowler 4F 43924 Loco	[KWVR] Midland 4F 43924
Fowler 4F Tender	[KWVR] Midland 4F 43924 Tender

Control Name	Key Commands	Additional Comment
Random Short Whistles	B	A variety of whistle sounds ideal for station departures etc
Ejector	J and Shift+ J	Press and hold J to open the ejector. Used to eject air from the brake system. Shift+J to close. Ejector must be kept open slightly when in motion.

This locomotive comes with a complete Steam Sounds Supreme sound set and advanced steam particle effects.

Fowler 3F Jinty 47279*

A repaint of the 3F Jinty locomotive available on Steam [HERE](#).



Description	Display Name
3F Loco 47279 <i>Advanced</i> Version	[KWVR] 3F 0-6-0 Jinty 47279[ADV]
3F Loco 47279 <i>Standard</i> Version	[KWVR] 3F 0-6-0 Jinty 47279[STD]

All controls, sounds and particles are as the default models produced by Mesh Tools.

GWR Pannier 5775 – BR Green and Railway Children Special*

A repaint of the Riviera in the Fifties Pannier locomotive. All users should have this as Riviera 50's is a critical route requirement. There is also a 'numberless' version of the Railway Children Pannier, which represents the Pannier as seen in the Railway Children film. This requires the [London Transport Heritage Collection](#).



Description	Display Name
BR Green Pannier 5775 Loco	[KWVR] 57XX BR Green
Railway Children GNSRLY 5775 Loco	[KWVR] Railway Children Pannier(5775)
Railway Children GNSRLY(numberless) Loco	[KWVR] Railway Children Pannier(Numberless)

All controls and particles are as the default model. Some sound modifications are included.

Diesels and Multiple Units

BR Class 08 Shunter 08266*

A repaint of the 08 loco in the Woodhead BR Blue route available [HERE](#).



Description	Display Name
Departmental Grey 08266	[KWVR] Class 08266 Departmental Grey
Departmental Grey 08266 with Headboard	[KWVR] Class 08266 Departmental Grey HB

All controls, sounds and particles are as the default model. We highly recommend you use the manual the 08 shunter in the Woodhead Electric route, as the brake controls are a bit different!

BR Class 20 20031*

Repaint of the BR Class 20 available on Steam [HERE](#).



Description	Display Name
Class 20 Diesel 20031	[KWVR] Class 20031 Grey
Class 20 Diesel 20031(No Driver in Cab)	[KWVR] Class 20031 Grey nd

All controls, sounds and particles are as the default model.

BR Class 25 25059*

Repaint of Class 25 loco from the Weardale route available on Steam [HERE](#).



Description	Display Name
Class 25 Diesel 25059	[KWVR] Class 25 25059
Class 25 Diesel 25059 (No Driver in Cab)	[KWVR] Class 25 25059 nd

All controls, sounds and particles are as the default model.

Class 101 DMU*

Repaint of the Regional Railways Class 101 DMU on Steam available [HERE](#).



Description	Display Name
Class 101 DMU Green DMBS	[KWVR] Class 101 DMBS Green
Class 101 DMU Green DMBS AP Sounds	[KWVR] Class 101 DMBS Green AP
Class 101 DMU Green DMBS(No Driver)	[KWVR] Class 101 DMBS Green nd
Class 101 DMU Green DMBS AP Sounds(No Driver)	[KWVR] Class 101 DMBS Green nd AP
Class 101 DMU Green DMCL	[KWVR] Class 101 DMCL Green
Class 101 DMU Green DMCL AP Sounds	[KWVR] Class 101 DMCL Green AP
Class 101 DMU Green DMCL(No Driver)	[KWVR] Class 101 DMCL Green nd
Class 101 DMU Green DMCL AP Sounds(No Driver)	[KWVR] Class 101 DMCL Green nd AP

All controls, sounds and particles are as the default model. However, the DMBS and DMCL have versions aliased to the [Armstrong Powerhouse 101 DMU Sound Pack](#). If you do not have the AP sound pack, use the DMU without AP on the end of the display name.

Rolling Stock

The Jubilee Bar Mk1 Carriage*

Repaint of a Riviera in the Fifties Mk1 carriage to represent the railway's Jubilee Bar dining carriage.



Description	Display Name
Jubilee Bar Mk1 Carriage with Steam Heat	[KWVR] Mk1 'Jubilee Bar' SH
Jubilee Bar Mk1 Carriage no Steam Heat	[KWVR] Mk1 'Jubilee Bar'

Sounds are as the Riviera 50's Mk1 carriages. Press 5 to enjoy a custom interior view.

BR Maroon Mk1 Carriage Set*

Repaints of the Riviera in the Fifties Mk1 carriages to represent the railway's Mk1 carriages.



Description	Display Name
Maroon Mk1 Brake First	(VP) Mk1 Brake First BR Maroon
Maroon Mk1 Full Brake	(VP) Mk1 BG Guard BR Maroon
Maroon Mk1 Brake Second Corridor	(VP) Mk1 BSK Brake Second BR Maroon
Maroon Mk1 Brake First Corridor	(VP) Mk1 BFK Ex-Brake Second BR Maroon
Maroon Mk1 First Corridor	(VP) Mk1 FK First BR Maroon
Maroon Mk1 Mini Buffet	(VP) Mk1 RMB Mini Buffet BR Maroon
Maroon Mk1 Second Corridor	(VP) Mk1 SK Second BR Maroon
Maroon Mk1 Tourist Second Open	(VP) Mk1 TSO Tourist BR Maroon

Custom sounds. TSO and SK have our 'enthusiasts view'(Press 5)

BR Mk1 Suburbans

Included complete with the route courtesy of Digital Traction.



Description	Display Name
BR Mk1 Suburban Brake Maroon	[KWVR] Mk1 Suburban Brake
BR Mk1 Suburban Second Maroon	[KWVR] Mk1 Suburban Second

Custom sounds. Both carriage types have our 'enthusiasts view'(Press 5)

Railway Children Carriages*

A set of 3 carriages to represent the train from the film The Railway Children. The following DLC is required for this set:

- [SECR Birdcage Carriage Set](#)
- [WSR Wagon Pack](#)
- [LNER Non-Corridor Carriage Set](#)



Description	Display Name
GNSRLY Bogie Coach	[KWVR]GNSRLY Bogie Coach
GNSRLY 6-wheel Coach	[KWVR] GNSRLy 6 Wheel Coach
GNSRLY Old Gentleman's Saloon	[KWVR]The Old Gentleman's Saloon

Each carriage is equipped with custom sounds

Grey Standard Van + Bauxite Brake Van*

A pair of wagons repainted from the Riviera in the Fifties grey van and the Woodhead WR Brake.



Description	Display Name
White Standard Van	[KWVR]Standard Van White
Bauxite Brake Van	[KWVR] Van WR Brake

Both wagons are aliased to their original sounds.

The Stations





Railway Structures





How to Use the Route in Train Simulator

Finding the Route in the Menu

Load the Quick Drive, Standard or Free Roam menus. Search for the route by typing in 'Keighley' into the search field.





A Free Roam scenario has been included named *Haworth MPD Free Roam*. This scenario doesn't require any additional locos or stock. If you only own the basic requirements of Riviera in the Fifties and Woodhead, you will be able to run this scenario. On shed at Haworth are steam locomotives 34092 City of Wells, BR Standard 4 75078, 4F 43924 and Pannier 5775. Up at Oxenhope are two rakes of carriages in the carriage shed and the Jubilee Bar.

A set of scenarios have been created for your immersion and enjoyment. Note that each scenario requires the locos and stock that are described further up in this manual. Some scenarios also have additional requirements, as listed in the table below:

Gala Timetable

Notes:

GDS = Fitted Mixed Goods Set

SUB = 2 Coach Suburban Shuttle Set. Limited Capacity.

JUB = 6 Coach Set. With Jubilee Bar, Buffet Car and Suburban Brake

RMB = 6 Coach Full MK1 Set With On Board Buffet Car

LE = Light Engine(s)

Locos in Italics are on trailing end of train (top and tailing)

Locos in Brackets are attached or removed

R denotes a loco turned on the turntable to face Kly instead of Ox

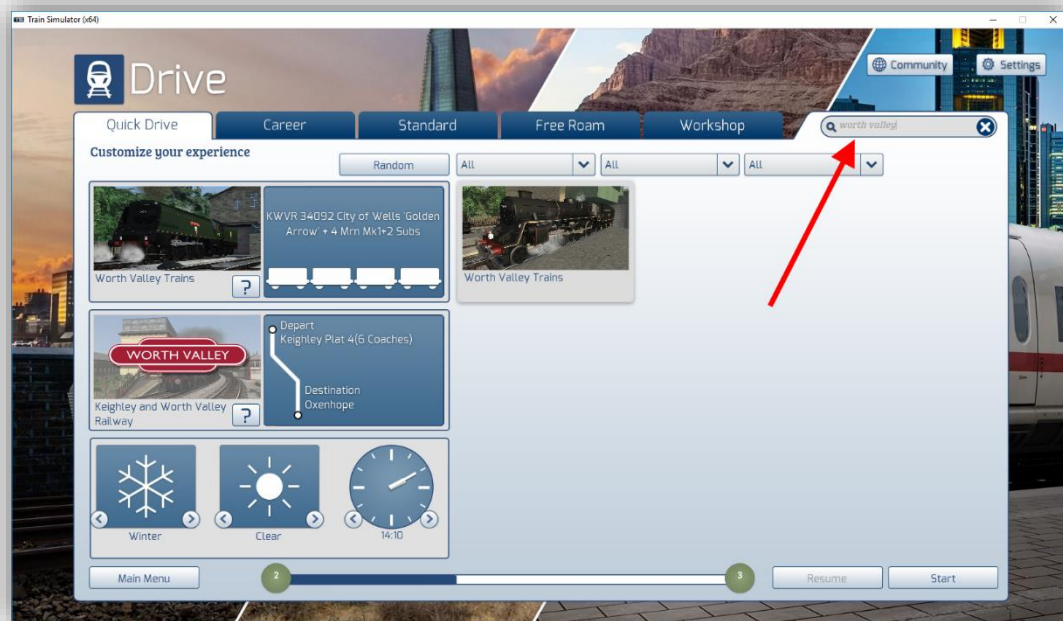
Locos at the top of the column are lead locos. IE, first train of the day is 47279 piloting 43924

5775's I E move at the end of the day is to provide shunt release and put coaching stock away, since locos won't be able to run round a 12 coach train

Scenario Name	Starting Point	KWVR Locos & Stock Used	Additional Requirements	Brief Description
BLUE: 80002 Afternoon turn	Haworth Station	101 DMU, 5775 BR Green, 34092, 75078, Mk1's, Jub Bar, Subs & Vintage Stock	BR Standard 4 2-6-4T Expansion	You start on Haworth platform. 80002 can be heard approaching. You take over when the 4MT arrives.
BLUE:47279 Keighley-Oxenhope	Keighley	101 DMU, Brake Van, 47279, 34092, 75078, Mk1's, Jub Bar & Subs	<i>No Additional Requirements</i>	3F Jinty 47279 is today's loco for a run from Keighley to Oxenhope.
Brute Force - 2014 Winter Gala	Keighley	43924, 08266, 101 DMU, 34092, 75078, Mk1's, Jub Bar, Subs & Old Gentleman's Saloon	USATC S160 ; LNER K4 ; Doncaster Works ; MT Bulleid Coaches Set 1 ; BR Standard 4 2-6-4T Expansion	Our S160 is today's loco. A full round trip starting at Oxenhope.
PINK: 75078 15/10/2015	Haworth MPD	78022, 75078, 101 DMU, 5775 BR Green, Mk1's, Jub Bar & Subs	<i>No Additional Requirements</i>	75078 is on shed. It is currently in unlined black. You head up to Oxenhope to collect your stock before completing a full round trip on the low season timetable.
PINK:78022,27/12/1993	Haworth MPD	75078, 43924, 34092, 08266, 101 DMU, Mk1's, Jub Bar & Subs	<i>No Additional Requirements</i>	Same as above but driving BR Standard 2 78022

Quick Drive(QD)

An extensive range of Quick Drive(QD) options are available. You can start at any station on the line heading up or down the valley. AI train feature in almost all QD options. To load the pre-made QD consists, load the QD menu and type 'Worth Valley' into the search field as shown below:



PLEASE NOTE: To use the QD scenario sessions, you do not need to have all the locomotives and stock in the pack. Additional consists and AI simply won't be loaded into the route when a session begins. But you will require all the stock featured in the consist you choose to load.

Make Your Own Scenario

If you would like to make your own scenario, launch the Train Simulator game. From the main in-game menu select **Build, Scenario**. Scroll down to find the route, then click on **New Scenario**. Enter the name of your new scenario. Select from the left-hand list the scenario type you wish to make, then from the right-hand list choose the **starting point** you want. Click on **Create** to load the scenario editor. Here is the Provider/Product list for the complete loco and rolling stock pack:

Loco/Stock Item(s)	Provider/Product
75078; 34092	SteamSoundsSupreme\KWVR
BR Green & RC 5775 Pannier; Mk1 Carriages; Jubilee Bar; Standard Van	DTG\ExeterKingswear
4F 43924	DTG\Academy
Jinty 47279	MichaelWhiteley\LMS3F
RC pannier(Numberless)	DTG\Phorum
08 Shunter 08266	DTG\WoodheadBR
Class 20 20031	RSC\Class20Pack01
Class 101 DMU	RSC\Class101RegionalRailways
Jubilee 'Bahamas'	RSC\JubileePack01
Class 25 25059	RSderek\WearValleyRailway
2MT 78022	DT\DT_2MT_Tender_loco
Mk1 Suburban Coaches	DT\DT_4MT_loco
RC Train(6-wheel carriage)	eyore\WSR
Old Gentleman's Saloon	MatrixTrains\MT-NER-GNR-NonCorr-LNER
RC Train(bogie coach)	MatrixTrains\SECR-60FT Birdcage-SECR
Brake Van	RSC\Woodhead

Usage and Distribution

- This pack is for download exclusively from **www.steamsoundssupreme.com**. It must not be uploaded to any other site or re-distributed in any form.
- The pack is for your PERSONAL use ONLY
- The assets have been created exclusively for Steam Sounds Supreme, and for inclusion in this route package. They MUST NOT be uploaded to any file sharing site.
- The route assets may be *referenced* in any freeware route the user creates. But they MUST NOT be included in any freeware route upload package.



- The BR Standard Class 4 and Bulleid Light Pacific models and all associated files are the property of Steam Sounds Supreme. They MUST NOT be distributed in part or in full to any other person. They MUST NOT be uploaded to any file sharing site.
- All audio files are the property of Steam Sounds Supreme. Editing, or reverse engineering of them is strictly prohibited.
- Any modifications you make to the included files must be for YOUR PERSONAL USE ONLY
- Using the included assets in a payware route is STRICTLY PROHIBITED. Written permission from Steam Sounds Supreme, Vulcan Productions and Skyhook Games Ltd will have to be obtained before an exception to this is allowable.
- All locomotive and rolling stock repaints are not to be shared in any way on any other website. But they may be referenced in any scenario freeware or payware.
- The included scenarios are not to be re-distributed in any way. They may not be cloned and edited, except for your own PERSONAL USE.
- The Vulcan Productions grass pack is included as part of this route. It is not to be shared with any other person.

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