

| PRIMARY DRIVING CONTROLS (Acceler. & Braking) | | | |
|---|---|--|----------------|
| (Reverser) Forward | W | Automatic Brake Increase | Ä |
| (Reverser) Backward | S | Automatic Brake Decrease | Ö |
| Throttle Increase | D | Independent Brake Inc. | + ¹ |
| Throttle Decrease | A | Independent Brake Dec. | Ü |
| Combined Control Throttle Increase | D | Dynamic Brake Increase (Combined Control) | . ² |
| Combined Control Throttle Decrease | A | Dynamic Brake Decrease (Combined Control) | , ² |
| Gear Up | E | Gear Down | Shift E |

| OTHER DRIVING CONTROLS | | | |
|------------------------|----------------|---------------------|-----------|
| Cab Lights | L | Pantograph(2nd) | (Shift) P |
| Headlights Increase | H | Headlights Decrease | Shift H |
| Wiper | V | Cylinder Cocks | C |
| Bell | B | Horn | Space |
| Bail Off | - ³ | Reset Signal | Tab |
| Alerter Reset | Y | Sander | X |
| Diesel Player OnOff | Y | Diesel Helper OnOff | Shift Y |
| Door Left | Q | Door Right | Shift Q |

| CAMERA VIEWS | | | |
|--|---------|-------------------------------|---------------|
| Cab | 1 | Head Out Fwd. | Num7 |
| Transparent Cab | Shift 1 | Head Out Bwd. | Num1 |
| Outside first vehicle | 2 | Trackside | 4 |
| Outside last vehicle | 3 | Free | 8 |
| Passenger | 5 | Previous Free | Shift 8 |
| Brakeman | 6 | Mirror | Shift V |
| Jumping Trains (All Currently Active) | Alt 9 | Jump Back To Tplayer Train | 9 |
| Move To Next Locomotive | Ctrl E | Jump To See Switch | Ctrl Alt G |

| PANELS | |
|------------------------------------|-----|
| Help / Briefing / Controls... | F1 |
| Track Monitor | F4 |
| Head Up Display (HuD) | F5 |
| Station Indicators | F6 |
| Car Numbers & Siding Indicators | F7 |
| Switch Indicator Panel | F8 |
| Train Operations Panel | F9 |
| Next Station Panel | F10 |
| Compass | 0 |

| GAME CONTROL | |
|---------------------------------------|-----------|
| Full Screen | Alt Enter |
| Pause | Pause |
| Save Game | F2 |
| Exit to Menu | Esc |
| Take Screenshot | PrintSc |
| Set Switch Ahead | G |
| Set Switch Behind | Shift G |
| Set Switch With Mouse | Alt |
| Uncouple With Mouse | U |
| Request Autorization | Alt E |
| Request Authori- zation With Mouse | Ctrl G |
| Force Player Authorization | Ctrl Tab |
| Cab Sway / Vibration Levles | Ctrl V |

CAMERA CONTROLS

| | | | |
|-----------------------|-----------------------|-----------------------|--------------------------|
| Pan Left | Num4 ⁴ | Pan Right | Num6 ⁴ |
| Pan Up | Num8 ⁴ | Pan (Zoom) In | Num9 |
| Pan Down | Num2 ⁴ | Pan (Zoom) Out | Num3 |
| Rotate Left | Alt Num4 | Rotate Right | Alt Num6 |
| Rotate Up | Alt Num8 | Rotate Down | Alt Num2 |
| Slow Camera Movements | ... Ctrl ⁵ | Fast Camery Movements | ... + Shift ⁵ |

ADVANCED FIRING

| | | | |
|---------------------|---------|----------------------|---------|
| Control Firing | Ctrl F | Blower Increase | N |
| Firing Rate Inc. | R | Blower Decrease | Shift N |
| Firing Rate Dec. | Shift R | Damper Increase | M |
| Fire Shovel Full | Ctrl R | Damper Decrease | Shift M |
| Control Injector I | I | Control Injector II | O |
| Injector I Increase | K | Injector II Increase | L |
| Injector I Decrease | Shift K | Injector II Decrease | Shift L |

GAME DEBUG

| | |
|------------------|--------------|
| Signalling | Ctrl Alt F11 |
| Tracks | Ctrl Alt F6 |
| Weather Change | Alt P |
| Keyboard Layout | Alt F1 |
| Lock Shadows | Alt S |
| Logger | F12 |
| Log Render Frame | Alt F12 |

VEHICLES

| | |
|----------|-----------|
| First | Alt Num 7 |
| Last | Alt Num 1 |
| Next | Alt Num 9 |
| Previous | Alt Num 3 |

ADVANCED BRAKING

| | |
|----------------------------------|----------------------|
| Emergency Brake Application | Back-space |
| Initialize Brakes | Shift - ³ |
| Handbrake Full | Shift Ä |
| Handbrake Off | Shift Ö |
| Retainers On / Increase | Shift + ¹ |
| Retainers Off (No dec. possible) | Shift Ü |
| Brake Hose Connect | # |
| Brake Hose Disconnect | Shift # |

MULTIPLAYER

| | |
|-------------------|--------|
| Dispatcher Window | Ctrl 9 |
| Texting | T |

GAME SETTINGS

| | |
|-------------------|---------------------|
| Clock Forward | ´ ⁶ |
| Clock Backward | ß ⁶ |
| Overcast Increase | Ctrl ´ ⁶ |
| Overcast Decrease | Ctrl ß ⁶ |
| Speed Up | Ctrl Alt Num7 |
| Speed Down | Ctrl Alt Num3 |
| Speed Reset | Ctrl Alt Num9 |



German Keyboard Guide

End Notes

- 1 „+“ relates to the key near the ENTER key, NOT to the NumPad!
- 2 Relates to „Dot“ or „Comma“ key.
- 3 Relates to „Minus“ key.
- 4 Or use Arrow Keys („Left“, „Right“, „Up“, „Down“).
- 5 Combine Pan / Rotate Control with „Ctrl“ / „Shift“ key.
- 6 „`“ relates to the „Apostrophe“ key left of the „Backspace“ key, „ß“ to the key left of „““.

About this File:

This file is intended to be an equivalent to the already existing (and downloadable) Keyboard / Quickstart Guide for *OR* written for the US International keyboard layout. I used that guide as a guideline for creating this guide, and for doing this it was a great help.

When I first downloaded *OR* and also the keyboard guide, however, I was a bit confused, as quite a few controls didn't work, as they were intended to: Actually, this was not a great surprise, as the original guide by Henk van Willigenburg is written for the US International keyboard layout, and I am using a German layout.

As I probably am not the only one using *OR* on a computer with a German keyboard layout, I asked the *OR*-Team if a transcription for the German layout was welcome, and when I got the answer, I started creating what you now see flickering on you screen.

Legal Stuff:

Written by Markus Gelbmann using the original Keyboard Reference / Quickstart Guide by Henk van Willigenburg downloaded from the *OR* homepage.

Thanks a lot, as this very first documentation on OR's controls was a great help.

Note to anybody using a different keyboard layout than US International or German (or anybody else having troubles):

If none of the two keyboard guides mentioned herein (or any guide else) is fully „compatible“ to your keyboard system, you can run any activity in *OR* (just open it, so you could run a train) and then press [Alt] + [F1]. This will cause two lines of text to appear on the screen, one saying that the controls layout was saved as „keyboard.txt“, the other saying the same for „keyboard.png“. If you now quit *OR* and go to the folder you installed *OR* to, you can there find both files. The *.png files shows the real layout, and also, where on the keyboard the keys are located, the *.txt file just shows the definitions (which I myself think is more convenient).

A more convenient method to resolve this issue would be just customizing the input bindings: In the menu, chose „Option“ and then „Keyboard“.

NOTE: This document was done on a Laptop computer, so in spite of careful trial-and-error research having been performed, there is the slim possibility that some indications are incorrect. In such a case, do the abovementioned things AND tell me (ElvasTower, markus_GE or Trainsim-com, markus1996). Thanks in advance ☺!

Markus Gelbmann