

**Hauptwerk Sample Set  
Weng  
(Upper Austria)**

**Built in 1774 by Anton Bayr**



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## Preface

I proudly present my new Hauptwerk Sample Set, the Anton Bayr organ in Weng, Austria.

June 2022

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[www.forestpipes.de](http://www.forestpipes.de)

## History

According to previous literature, Anton Bayr was supposed to have been born in Heidingsfeld (today's district of Würzburg), but there is no record of this in the books. On 10 May 1745 he married in the Munich Liebfrauenkirche (today's cathedral), whereby his place of origin was given as "Weltingsfelden in Franckhen". Presumably, this means today's Weldingsfelden, a district of Ingelfingen in the Hohenlohekreis (Baden-Württemberg). In fact, Anton Bayr's baptism on 21 February 1715 was also recorded in the church records of Jagstberg, which belonged to Weldingsfelden.

Anton Bayr ran his organ building workshop in Munich and built numerous organs in Bavaria, including Weng until 1779. Here he built the organ with one manual, pedal and 10 stops in 1774. In 1828 a first repair was carried out by Anton Schwarzmayr, Wippenham/Innviertel. Franz Sales Ehrlich (Braunau am Inn) rebuilt the organ in 1870: New bellows and new console with view to the high altar. In 1911 the organ was repaired a second time, during which 5 new stops (Gamba 8', Principal 8', Philomele 8', Bordun 8', Octavbass 8') were also installed. The instrument was exempt from the duty to hand in the facade pipes during World War I, because these had previously been painted over and were thus considered inferior. In 1941 Matthäus Mauracher (Salzburg) repaired the organ again and installed an electric blower. A final repair was carried out in 1970 by Gottfried Seitz, St. Florian near Linz. He rebuilt the short octave to a chromatic tone sequence from E and replaced the 8' Philomele with a 4' Flute. Since then, the organ fell into disrepair and became increasingly unplayable. In 2008, an organ-builders' association was founded, which sought to reactivate the organ, although due to the pending church renovation, another 10 years passed before the organ issue was taken up again. In the course of

this, the historical value of the organ was recognised, as it was one of three instruments by Anton Bayr still preserved in Weng, whereby the one in Weng still had 60% of the historical pipe material. It quickly became clear that the aim should be to restore the organ to its original condition, and several organ-building firms from all over Europe were asked to submit a bid. The contract was finally awarded to the firm of Orgelbau Edskes from Switzerland. In the course of this, the historic case was also restored and the crowning clock was set in motion again. The restored instrument was inaugurated on 10 July 2021.

## Specification

Hauptwerk C, D, E, F, G, A – c <sup>3</sup>	Pedal C, D, E, F, G, A – a
Copel 8' Gamba 8' Principal 4' Flöte 4' Quint 3' Octav 2' Quintoctav 1 1/3' Mixtur 3fach 1'	Subbass 16' Octavbass 8'

I-P

## Technical Details and Requirements

All samples were recorded four-channel with 24 bit/48 kHz, each tone with long, medium and short attack. A special denoising algorithm was then used to preserve the harmonics of the samples. The samples contain up to 6 loops. The original short octave in manual and pedal was extended to full compass (C – c). The sampleset reflects the acoustics of the church. In order to play the sampleset, your computer needs the following minimum RAM requirements:

16 Bit Stereo compressed 1,5 GB

16 Bit Surround compressed 3 GB

24 Bit Stereo compressed 1,8 GB

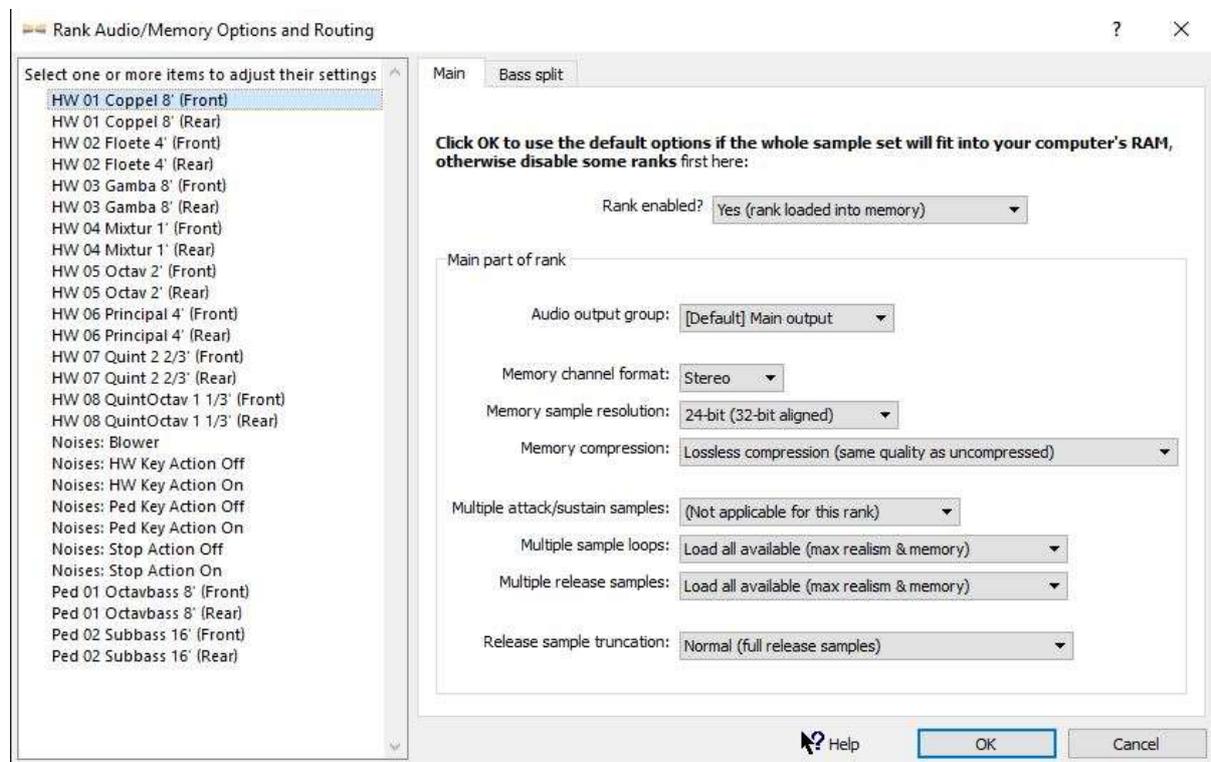
24 bit surround compressed 3,4 GB

The sample set is encrypted, but doesn't require a license. Please consider that the encryption is only working on Hauptwerk V+, an encrypted HW 4 version is available on request.

## Installation

Please install the organ via the *File – install organ, temperament or impulse response reverb* menu in Hauptwerk.

When you have done this, please wait a while until all files are installed. Then the following screen appears:

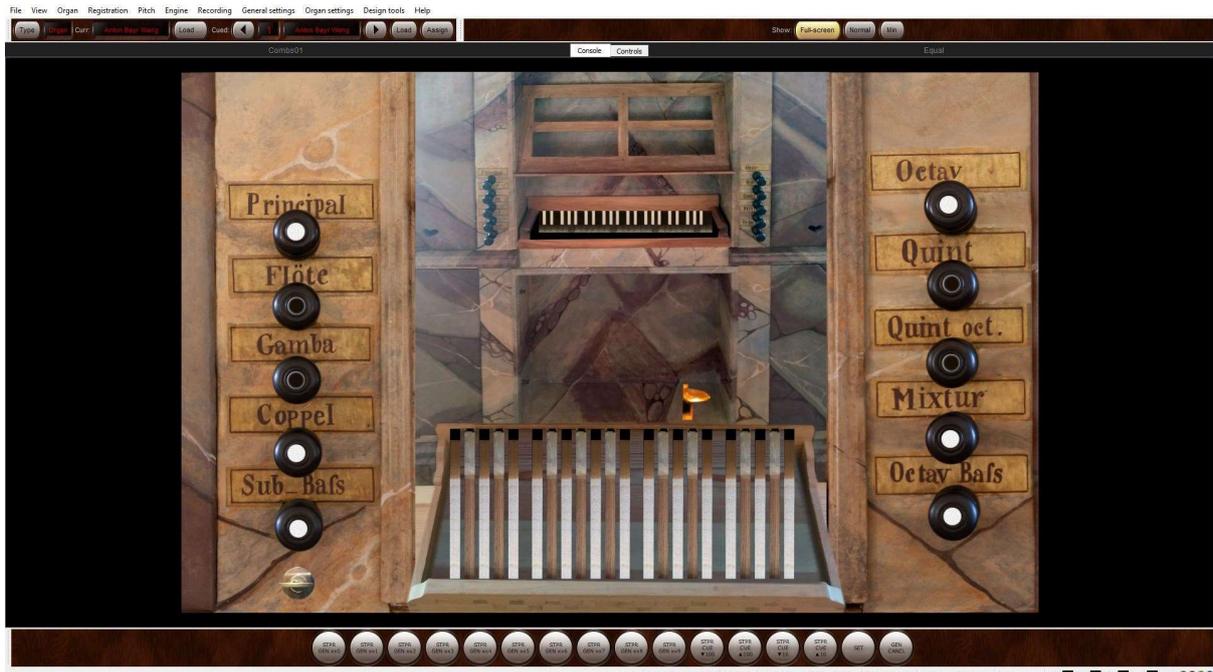


There you can select the stops and decide in which bit-quality you want to load them. After that the organ loads for the first time. This can take a short while, depending on your computer resources. Finally you can click on *Finish* and make modifications in the large floating control panels.

For using the Hauptwerk-Mixer, please read the Hauptwerk Installation and User Guide.

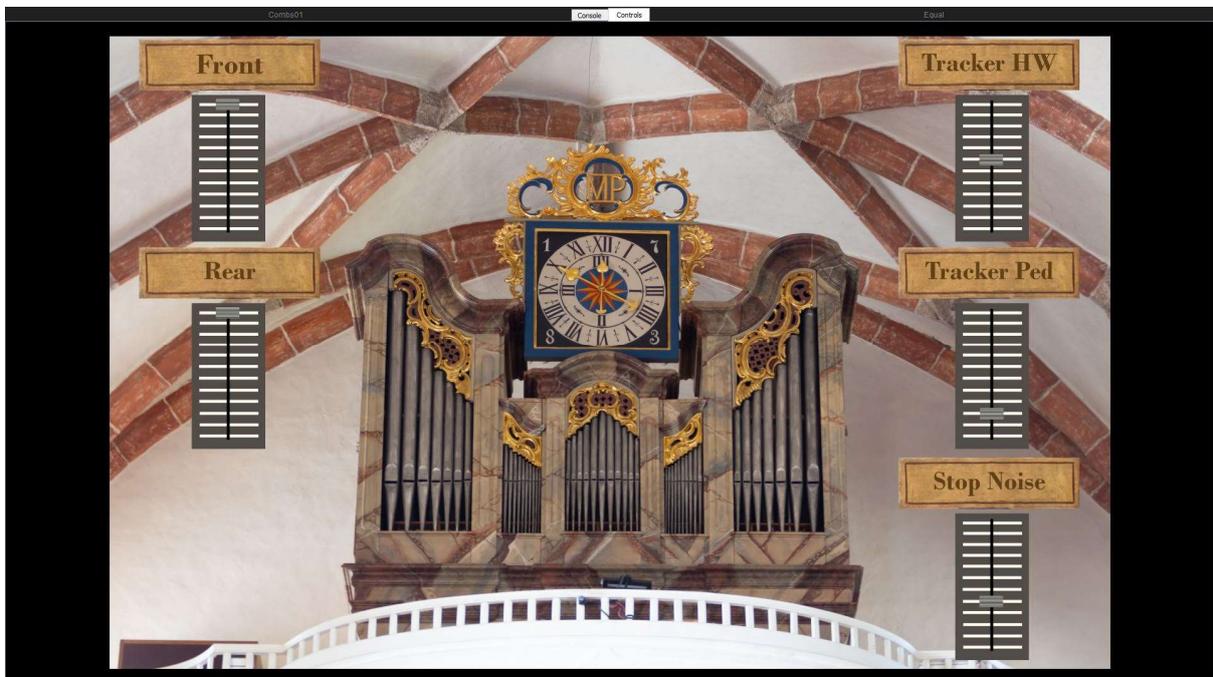
When the organ has loaded, it has two screens:

## Console



There you can MIDI-learn the keyboards, the stop knobs and the coupler.

## Controls

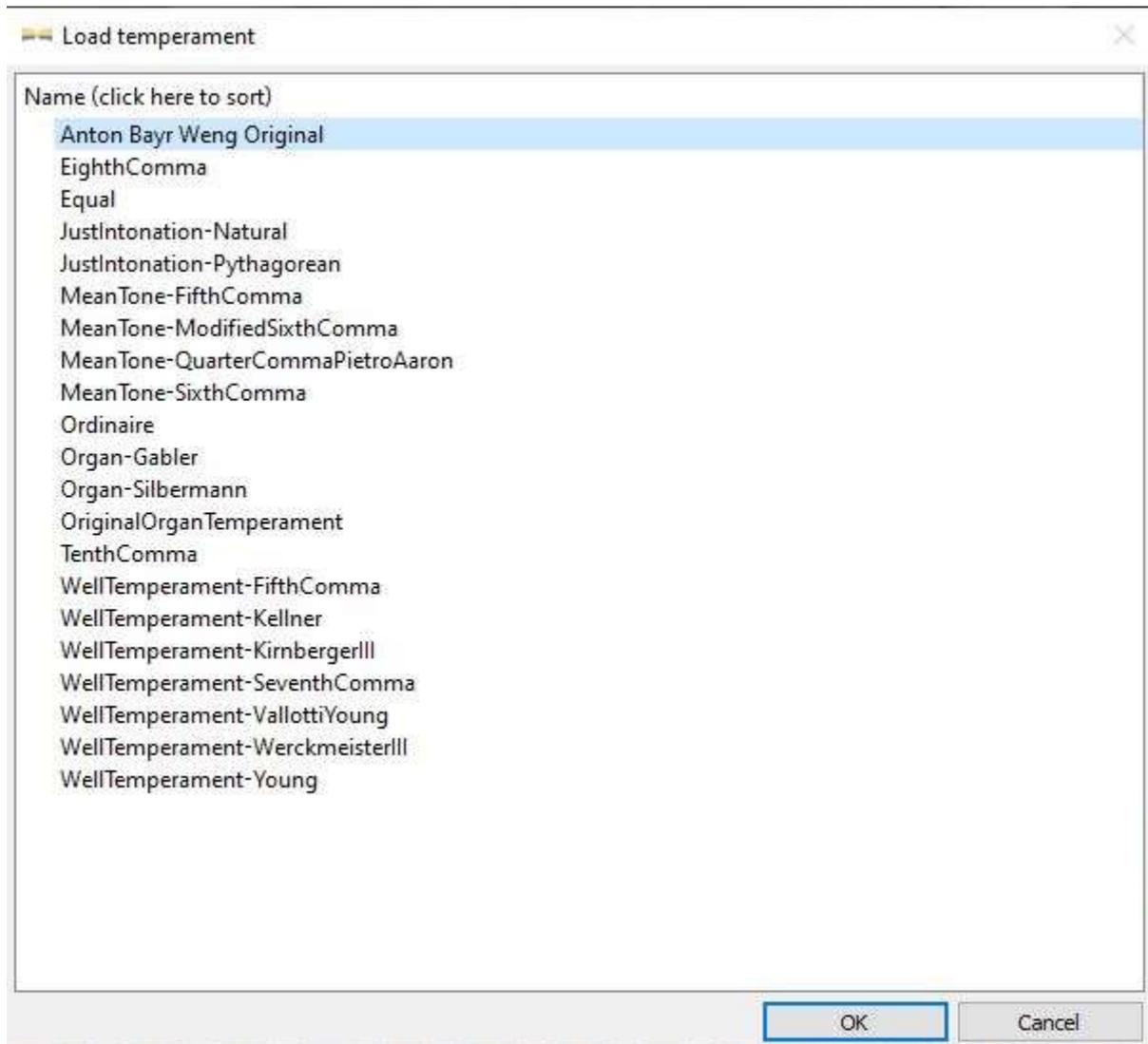


On this screen you can make several settings for the organ. On the left you can choose your listening position by turning the sliders for *Front*

and *Rear* up and down. On the right you can do this for the stop and tracker noises of each division.

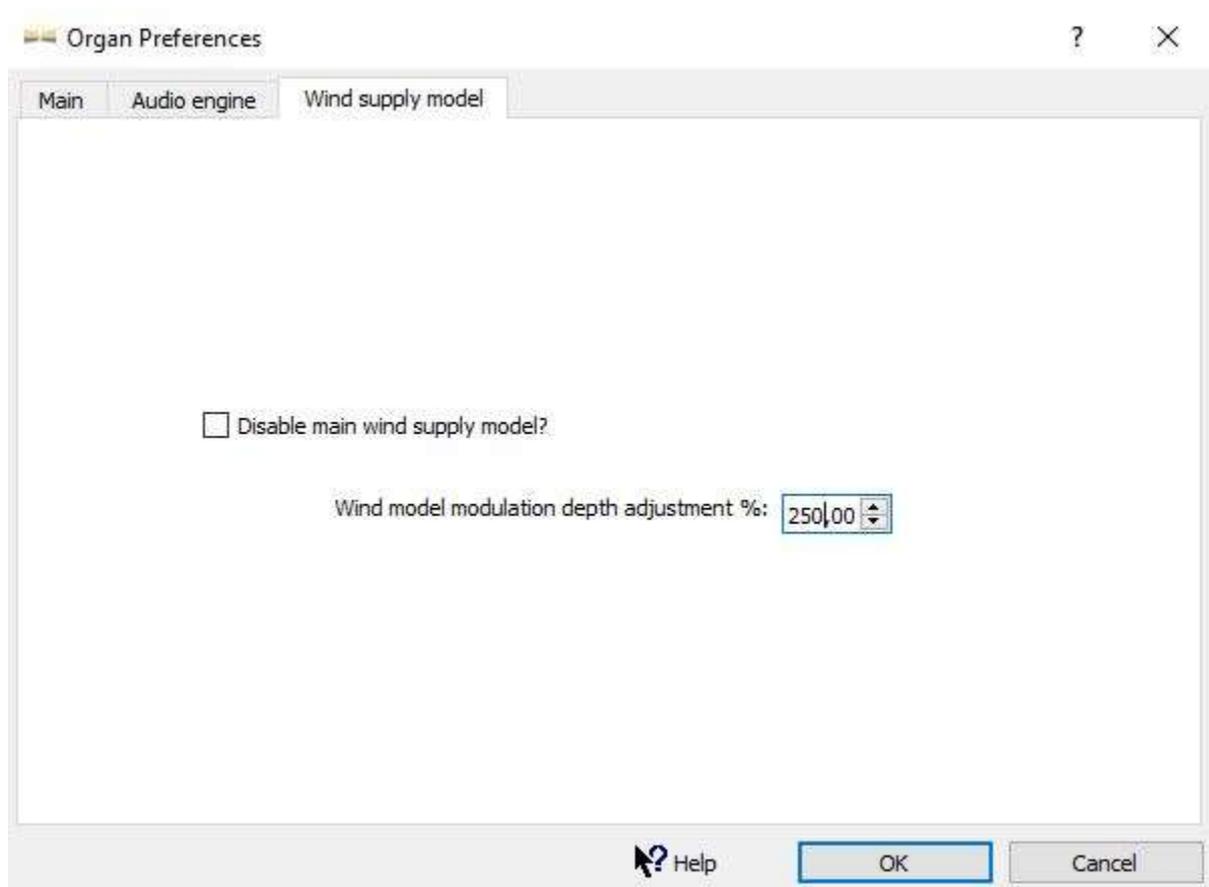
## Temperament

This organ has a modified *Schlick* temperament which is also installed with the sampleset. To load this temperament, please go to *Pitch/Load temperament* and choose the following:



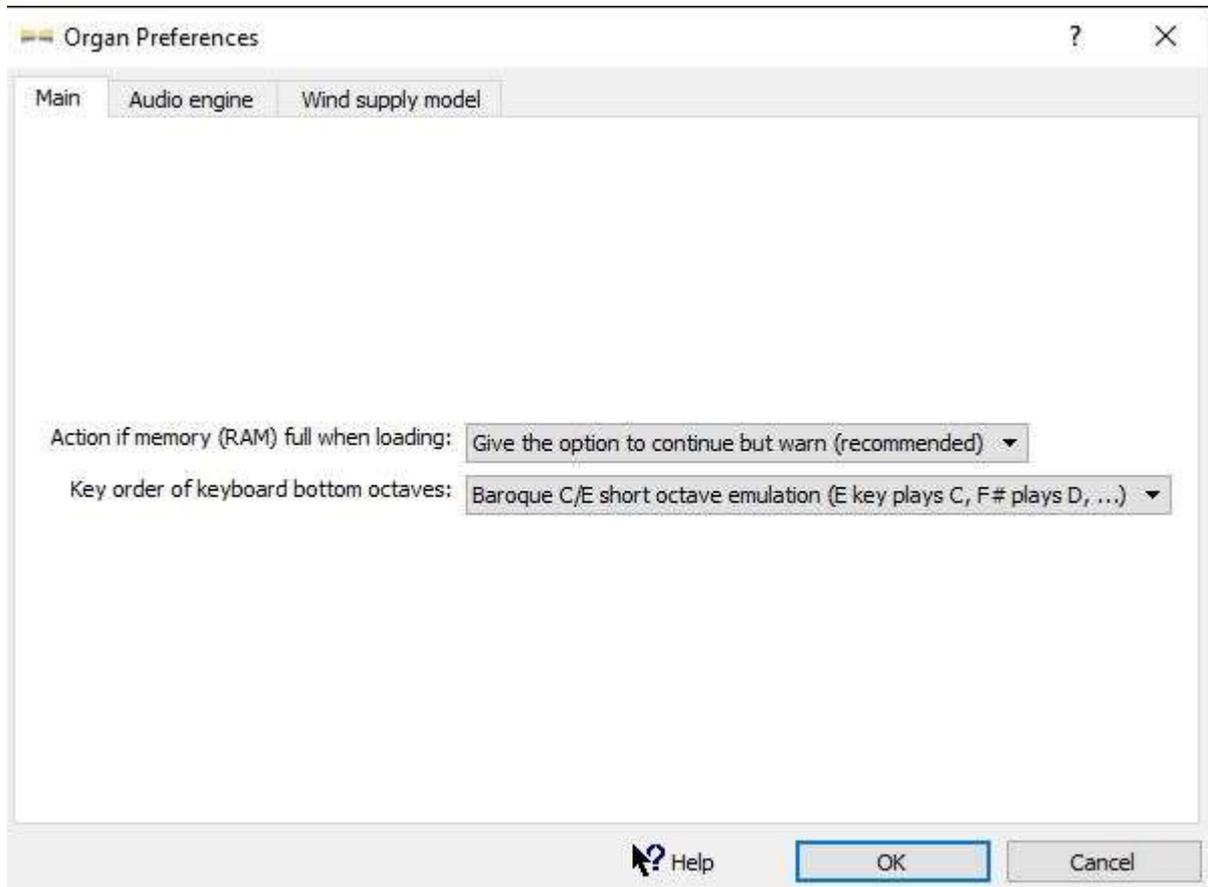
## Wind model

This organ has integrated Hauptwerk's wind model function. To obtain the most realistic function of the bellows, you have to go to *Organ settings/Organ preferences/Wind supply model* and increase the value to this size:



## Short octave

The original short octave of this organ was digitally extended to modern compass. To apply the original short octave, you have to go to *Organ settings/Organ preferences* and change the entry:



## Deinstallation

Please uninstall the organ via the *File – un-install organ, temperament or impulse response reverb* menu in Hauptwerk. You have to choose

*Data: 002167 Anton Bayr Weng*

and

*Organ: Anton Bayr Weng*

Then select *Un-install*

## Thanks to

Anette, Ulrich and David Wimmesberger  
Ansgar Schlei  
Christian Müller  
Gregor Dworzak  
Korbinian Maier  
Christian Brembeck

for their great support.

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