BBI

BULLBEARINNOVATION

TrendFollowerSR+Analyzer

Thank you for choosing a product from Bull Bear Innovation!

This manual has been specially developed to guide you step by step through the functions and options of your new indicator and also to show you different approaches or trading strategies.

Please read this manual carefully and thoroughly before using the software in your live account. We recommend that you test the indicator on a demo account to familiarize yourself with the extensive functions.

For questions and further information we are of course at your disposal.

You can reach us at:

- support.mql@bullbearinnovation.com

Bull Bear Innovation's software is used by each user's own risk! During the use of the software, program malfunctions could arise which cause direct and/or indirect damages, losses. The creator of Bull Bear Innovation's programs assumes no responsibility to above mentioned damages! Before using the software on live account, we recommend that you familiarize yourself with the use of the software on demo account(s).

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INTRODUCTION

PURPOSE

The *TrendFollowerSR* User Guide describes how to install, set up and work with the indicator on the MetaTrader 4 platform. The manual contains all the information necessary to use the indicator efficiently and professionally.

It includes following:

- Providing knowledge of the characteristics, structure and functions of the indicator
- Information on potential risks and preventive measures
- Strategies and tips for successful trading

TARGET GROUP

The content of this user guide is intended for professional and new, inexperienced traders. These persons should have at least basic knowledge of the MetaTrader 4 platform.

FEEDBACK

Please send any comments, recommendations or suggestions regarding this user manual and the indicator to:

support@bullbearinnovation.com

or on

www.bullbearinnovation.com

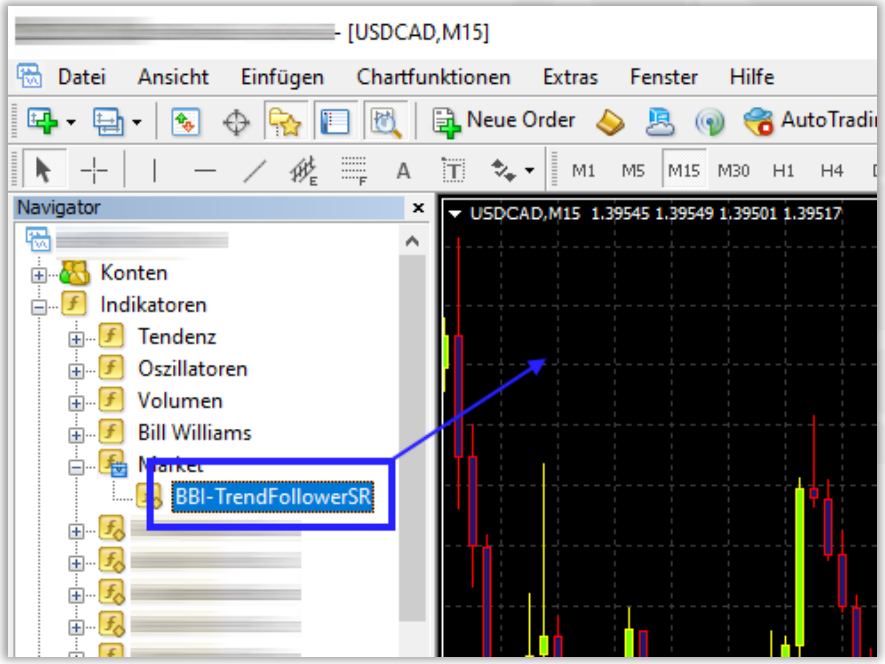
DOWNLOAD AND INSTALL

The indicator is automatically downloaded and installed on the MQL5 site after purchase. No extra work is required, just make sure that MetaTrader is installed in the latest version.

APPLY TO THE CHART

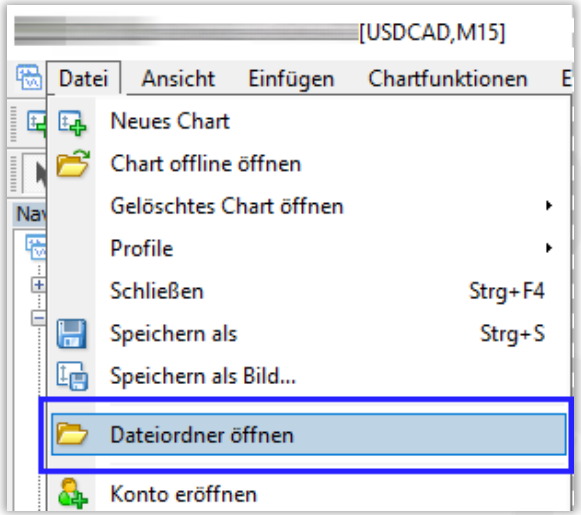
TRENDFOLLOWERSR

You will find the purchased software in the "***Market***" folder. To apply this, you must first open the navigator (press Ctrl + N), then double click on the "***Market***" folder and drag the *TrendFollowerSR* indicator onto the chart by drag and drop or simply double click on the indicator.



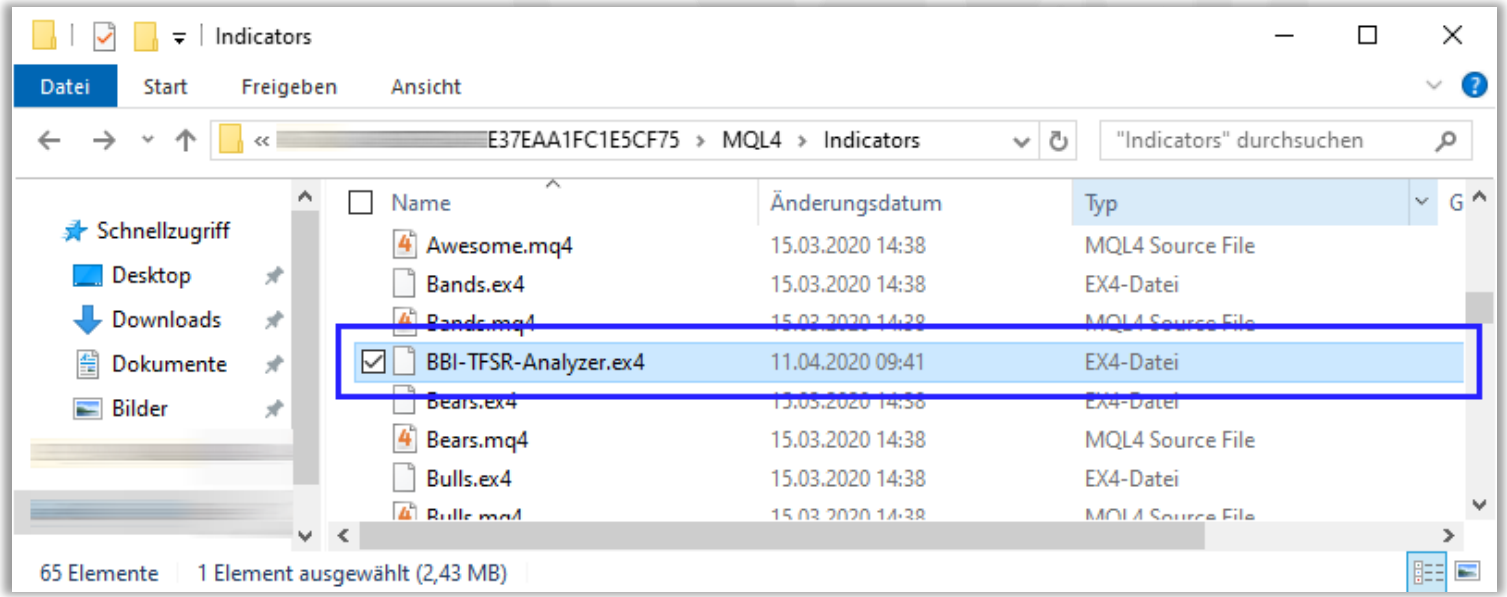
Now the settings of the indicator are opened, confirm them with "OK" for now. The indicator then appears on the chart.

After you have received the indicator from us, unpack the .zip file to your desktop. Then open MetaTrader 4 and navigate to the file folder: File → Open file folder

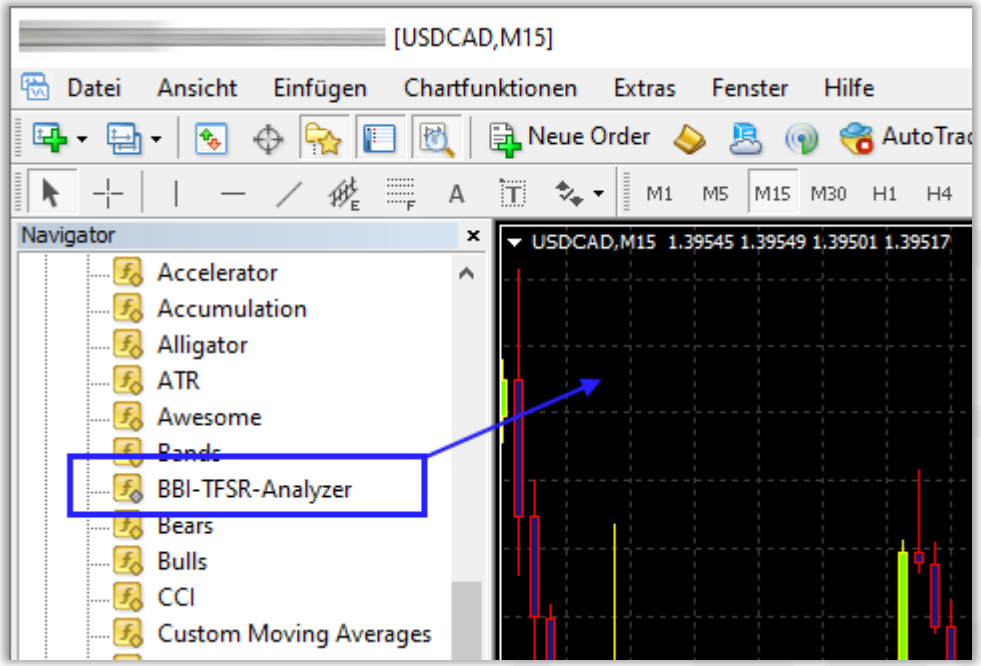


Now a new window opens, navigate to the MQL4 → Indicators folder and copy the extracted .ex4 file (BBI-TFSR-Analyzer.ex4) into this folder.

This is how the whole thing should look like:



Now return to MetaTrader 4 and add the indicator to the chart:



Important:

The TFSR-Analyzer indicator only works in combination with TrendFollowerSR!

GENERAL

Correct identification of the trends in stock investments are pivotal and *TrendFollowerSR* ensures this perspective while displaying the correct trend to help you go long way as much as possible.

The indicator's latest technology makes it possible to identify whether a particular trend has just begun, has been going on for a long time, or how long it will continue for approximately the same period. There is also a strength feature that indicates the possibility of continuity and the short or long life of a trend.

With the Intraday Volatility Meter you know exactly when there are major movements in the market.

Another effective function is the detection of the possible change in trend. It gives you the opportunity to either exit the market in time or take a small pull back with you.

With this wide range of functions, the TrendFollowerSR together with the TFSR-Analyzer is a power tool for the trade.

Due to its understandable and simple presentation on the chart, even beginners can easily learn how to use it.

TRENDFOLLOWERSR

The indicator has a smart and highly informative menu in which the most important information is clearly presented.

Each box stands for a time frame, which can be seen at the beginning of each box. For the respective time frames there are:

- **Trend direction** (up or down), this tells in which direction the trend runs on the time unit (from the box)
- **special events** (background color)
  - Buy and sell signal
  - Trend change to down and up
  - Curent time frame

Time frame

Trend direction

Special Events

Trend direction and **trend duration**, red means downward trend (short) and light blue means upward trend (long)
The larger the bar, the longer the trend has already existed.

Trend strength, the larger the bar, the greater the trend strength (color intensity is for visual purposes only)

Special events and their background color:

BUY signal

SELL Signal

Trend Change DOWN Trend

Trend Change UP Trend

Current/Highlighted time frame

Standard no extra function

UP Trend on time frame M1, the **blue** color indicates a **BUY signal**

DOWN trend on time frame M5, the **light blue** color indicates a possible **trend change** to the DOWN trend

DOWN trend on time frames M15 and H4, the **orange** color indicates a **SELL signal**

Currently selected time unit M30 with a DOWN trend

UP trend on time axis H1, the **red** color indicates a possible **trend change** to the UP trend

Intraday volatility meter for the current market

Current, last and total trend profit

Current Spread

Status for trend duration and trend direction

Status of the current trend strength

Button for live settings of the indicator

Live settings, by changing them the indicator settings are immediately applied and updated on the chart. This **saves time** and enables you to create the appropriate **setup immediately**.

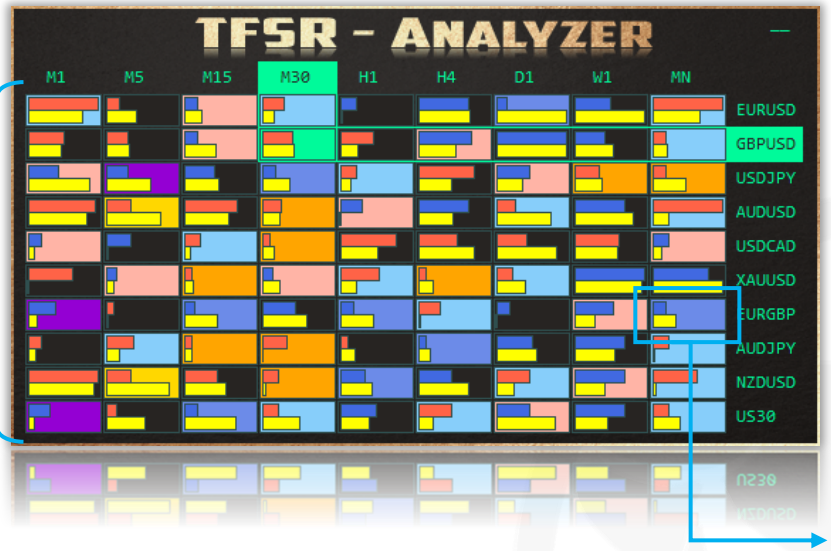
These settings can be found in the parameters of the indicator.

Type **Delay** **Sensivity** **MACD P1** **MACD P2** **MACD TF**

To change the time unit, simply click on one of the boxes. The front number indicates the time unit to be changed.

TFSR-ANALYZER

TFRS-Analyzer gives you an overview of up to **10 markets** and **all timeframes**. The indicator was made to keep everything in view and to recognize by only **short** actions whether you enter the market or not.



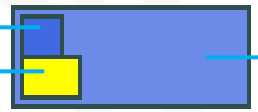
Each **box** stands for a **time frame + symbol** - only by **clicking** on a box you can **change** the **time unit** and **market**.

Each box consists of:

- **Trend direction** (up or down), this tells in which direction the trend runs on the time unit (from the box)
- **Trend duration**, how long the trend already exists
- **Trend strength**, how strong the trend is
- **Special events** (background color)

Trend direction and **trend duration**, red means downtrend (short) and blue means uptrend (long)
The larger the bar, the longer the trend has already existed.

Trend strength, the larger the bar, the greater the trend strength



Trendrichtung
Trenddauer

Besondere Ereignisse

Trendstärke

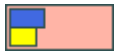
Special events and their background color:

BUY Signal

SELL Signal

SPECIAL
BUY Signal

SPECIAL
SELL Signal

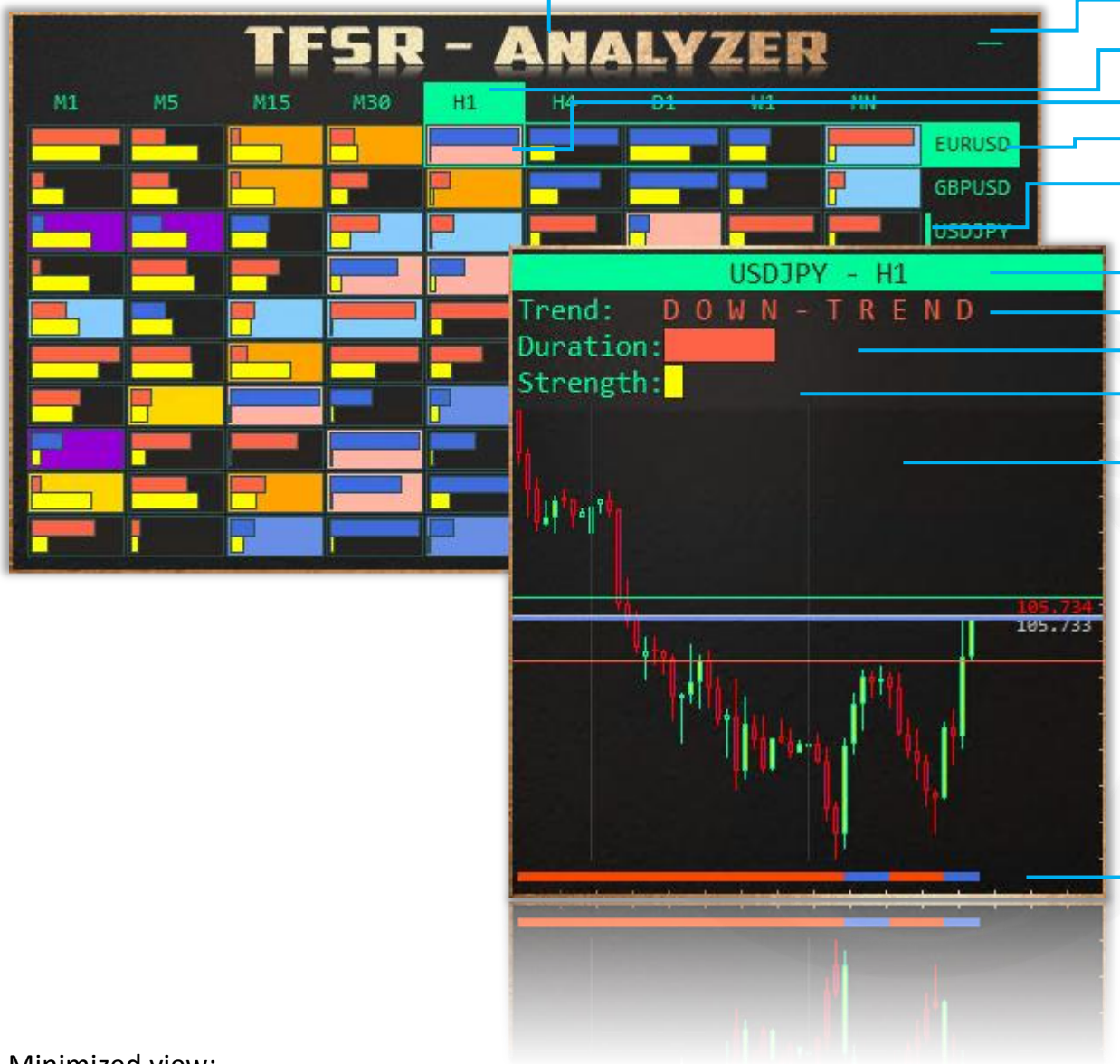


Trend Change
DOWN Trend

Trend Change
UP Trend

Current/Highlighted
time frame

Standard
no extra function



Double click to move the menu

Minimize

Current time axis on the chart

Current chart = EURUSD on H1

Current market

This market has open positions

Tooltip on Mouseover

Symbol and Timeframe

Trend direction

Trend duration

Trend strength

Candlestick Chart with:

- Ask Line
- Bid Line
- Open positions
- Take Profits
- Stop Loss
- Pending Orders

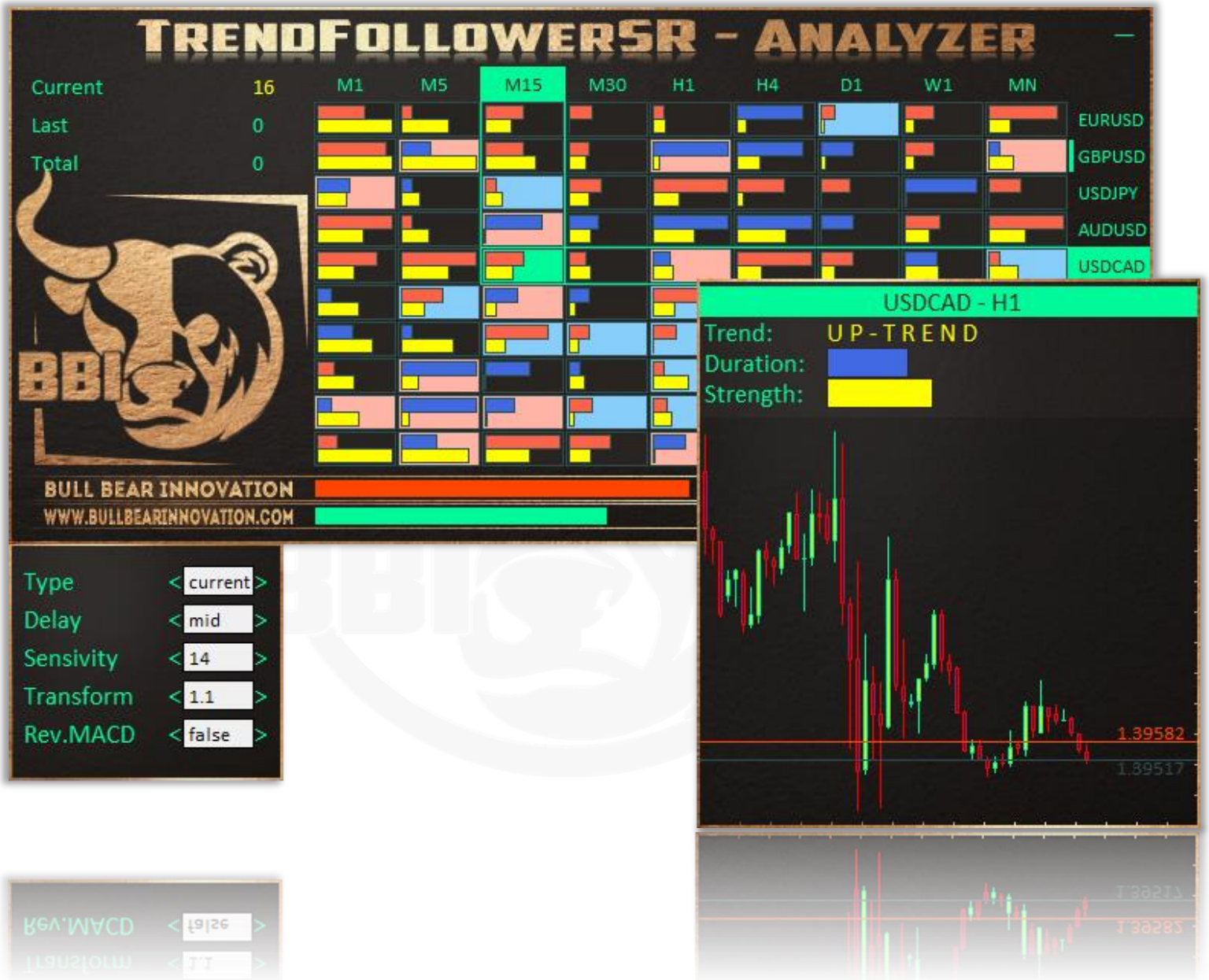
- Trend History

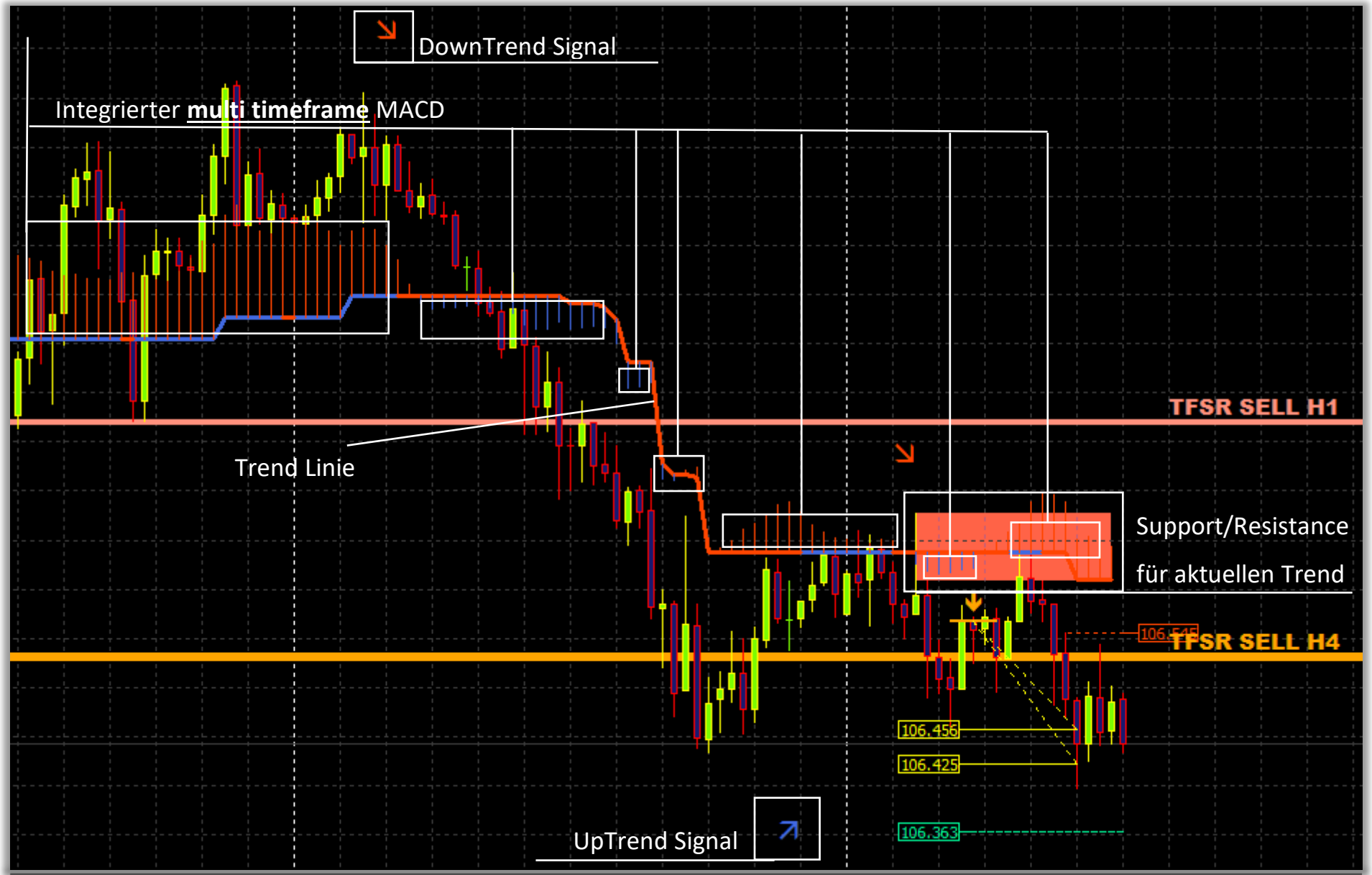
Minimized view:

TRENDFOLLOWERSR + ANALYZER COMBINED

You can combine the two indicators, this is done with the indicator setting "**Combine**" in *TFSR-Analyzer*.

All functions of the *TrendFollowerSR* and *TFSR-Analyzer* are available in combined mode and can now be accessed via a single interface.




DownTrend Signal
Integrierter multi timeframe MACD
TFSR SELL H1
Trend Linie
Support/Resistance
für aktuellen Trend
TFSR SELL H4
106.456
106.425
106.363
UpTrend Signal

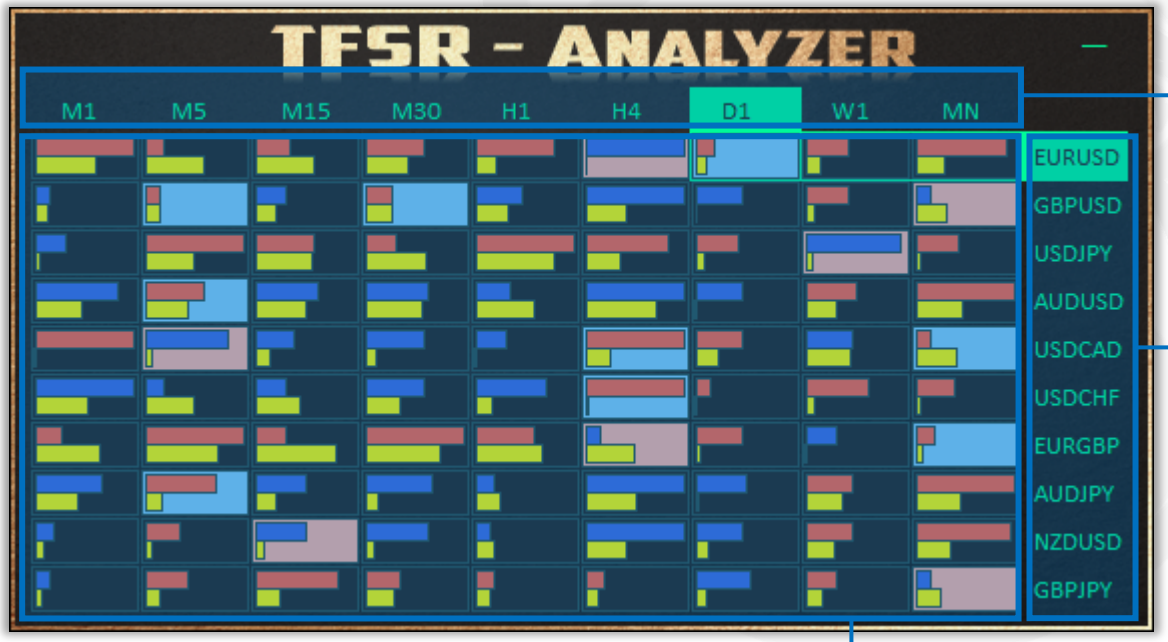
DownTrend Signal
Integrated MACD
Trend Line
Support for current Trend
UpTrend Signal

CHANGE PERIOD & SYMBOL

To change the current period either click on the status box with trend strength and trend duration or directly on one of the periods in the upper area.

To change the current symbol either click on the status box with trend strength and trend duration or directly on one of the symbols in the right area.

The current chart is highlighted in color.



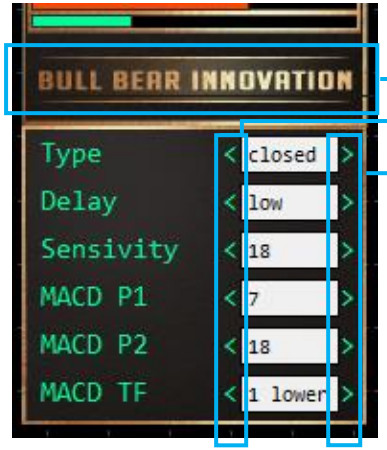
Hier klicken, um die Periode zu wechseln

Hier klicken, um den Markt zu wechseln

Hier klicken, um die Periode **und** den Markt zu wechseln

CHANGE LIVE-SETTINGS

To change the settings during "operation" without opening the indicator settings, click on the font "BULL BEAR INNOVATION". Now a new window opens, by decreasing the settings by clicking "<" or increasing them by clicking ">".



Click here to open the live settings

Click here to change the respective setting

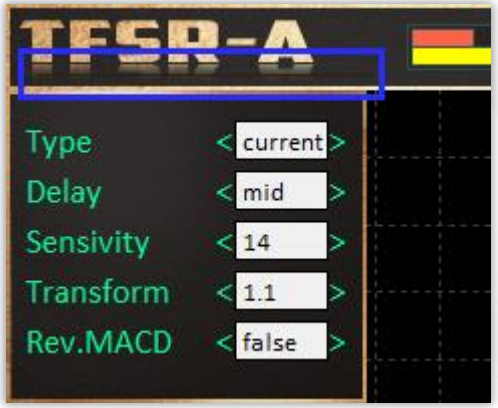
CHART DISPLAY

To display the current chart of a symbol and a period, simply move the mouse over one of the status boxes and a tooltip with the trend direction, trend strength, trend duration and the current chart will be displayed.

MINIMIZE INDICATOR

To minimize, click on the "_" symbol in the upper right corner. This gives you the status of the current market.

In minimized mode, the live settings can be accessed by clicking below the indicator name.



MOVE INDICATOR

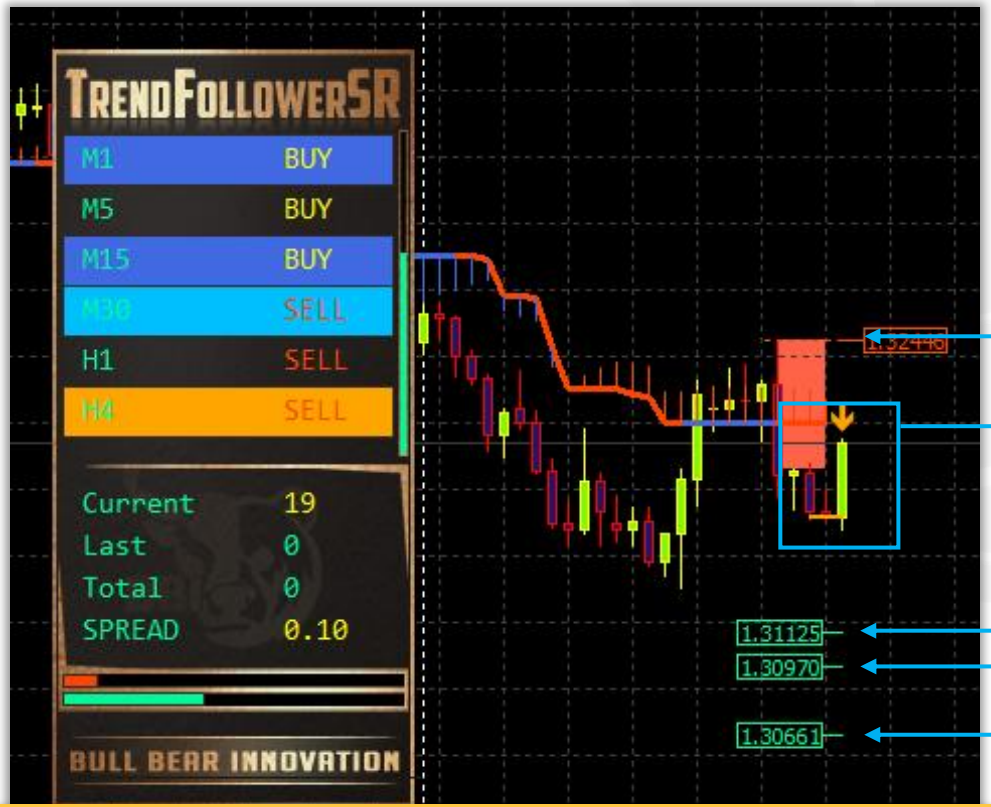
To do this, double-click the indicator name and drag the menu to the desired position. As soon as you release, all data will be loaded and displayed correctly again.

The same also applies in minimized mode.

ENTRY

You can follow the *TrendFollowerSR* as soon as a **new signal** comes in, but if you want to get more out of it, pay attention to what signals the **TFSR-Analyzer** gives.
Simply following every signal makes little sense, because false signals often cause losses (especially with smaller time units).
We therefore recommend that you **use our strategies** to quickly **filter** the individual **signals** and thus **minimize your losses**.

This example shows you how to enter the market and follow a signal that you have confirmed as **correct**:



1. As soon as a signal comes, you enter the market
Here is then your **entry** into the market (e.g. SELL)

2. Then place your **Stop Loss** on this line

3. Then place your **take profit** on one of these lines

As soon as the **right signal** comes, you have everything you need for your entry - **take profits** and **stop loss**!

FALSE SIGNALS

Because *TrendFollowerSR* filters so fine, there are sometimes false signals. And to eliminate this "problem" we have created the **TFSR-Analyzer**!

With the TFSR-Analyzer we have an overview of **all timeframes** and can therefore tell exactly whether the signal is a false signal or not.

This example shows how to detect a false signal, these "false signals" are also called **pull back**. Thus **this strategy** can be used to profit from the pull backs too, just like here: **Profit from the Pull Back**.

The same principle is also valid for **all other time units** where this "false signal" occurs.

Example **EURUSD M1**:

Here comes a **BUY** signal on **M1**

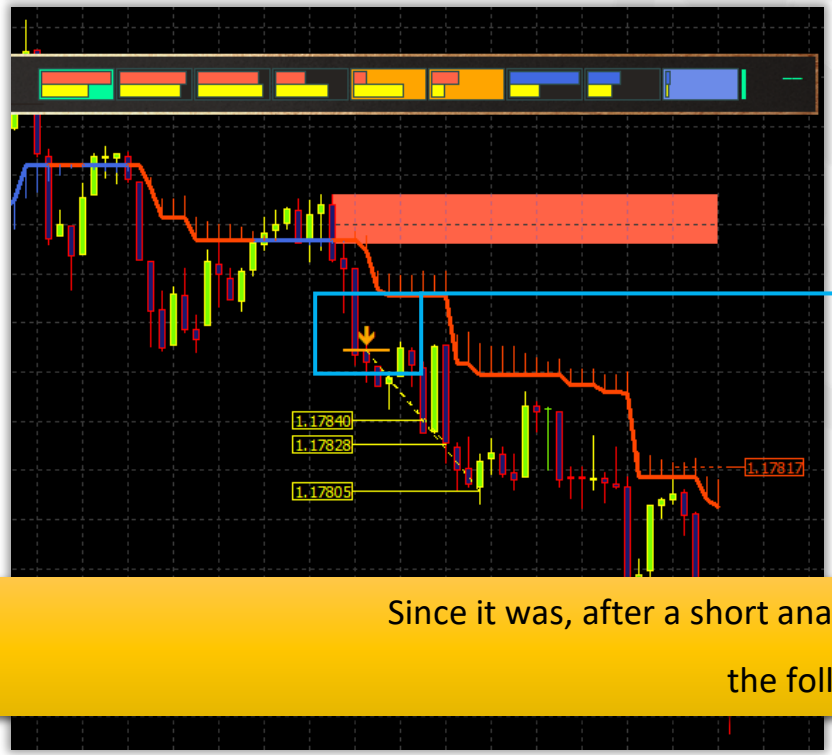
Now we look at larger time units,

because it can be a pullback.

Larger time units show a DOWN trend

Shortly **move** the **mouse** over **M5 box** and we see immediately in tooltip that it is only a **pullback** and it will most likely go down again since **no new high** has formed!

And it is still a **downdrend** on M5!



The trend was continued with a **SELL** signal.

Since it was, after a short analysis, a **pullback**, the **BUY signal** on M1 is **wrong**, but the following **SALES signal** is **correct**!

SPECIAL SIGNALS

We have specially implemented the so-called **special signals** in the *TFSR-Analyzer*, which are triggered when several time units have the same trend direction.

These can be adjusted as required in the indicator settings:

	---------- :: Notification :: ----------
Alert Timeframes	M1,M5,M15,M30
MT4 Alert	false
Mobile Alert	false
EMail Alert	false
Standard Alert	true
Standard Alert Message	::TFSR-A:: - "{TREND}" on {SYMBOL} {T...
Special Alert 1	true
Special Alert Timeframes	M30,H4,D1
Special Alert Message	::TFSR-A:: - "SPECIAL {TREND}" on {SY...
Special Alert 2	true
Special Alert 2 Timeframes	M1,M5,M15,M30,H1,H4
Special Alert 2 Strength	20,20,20,20,20,20
Special Alert Message	::TFSR-A:: - "SPECIAL2 {TREND}" on {S...

Here time units are stored, which are responsible for the "**first**" **special signal**.

That means with this setting, as soon as a signal comes

on the <u>time units to be notified</u> and

<u>stored time units</u> show the **same trend direction** for the <u>first special signal</u>,

this signal is considered to be "special" and is also highlighted.

The same applies to the "second" special signal.

However, the **strength** of the trend on the stored time unit is still stored here.

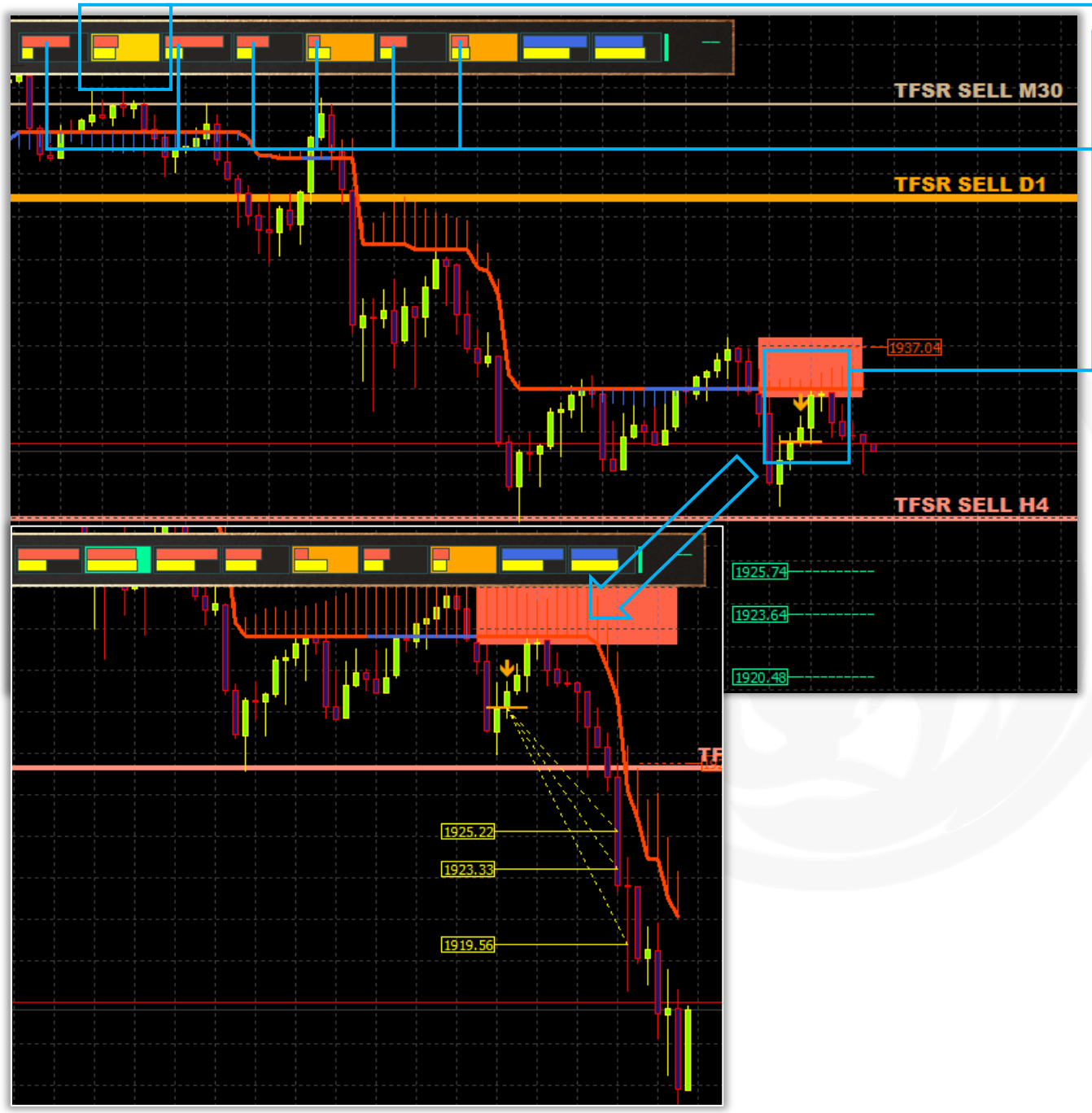
The **special signals** are displayed in color in the *TFSR-Analyzer*:

<u>SPECIAL BUY</u> Signal

<u>SPECIAL SELL</u> Signal

The **notification text** of these signals can also be customized.

Example on **XAUUSD M5**:



Special signal 2 on M5

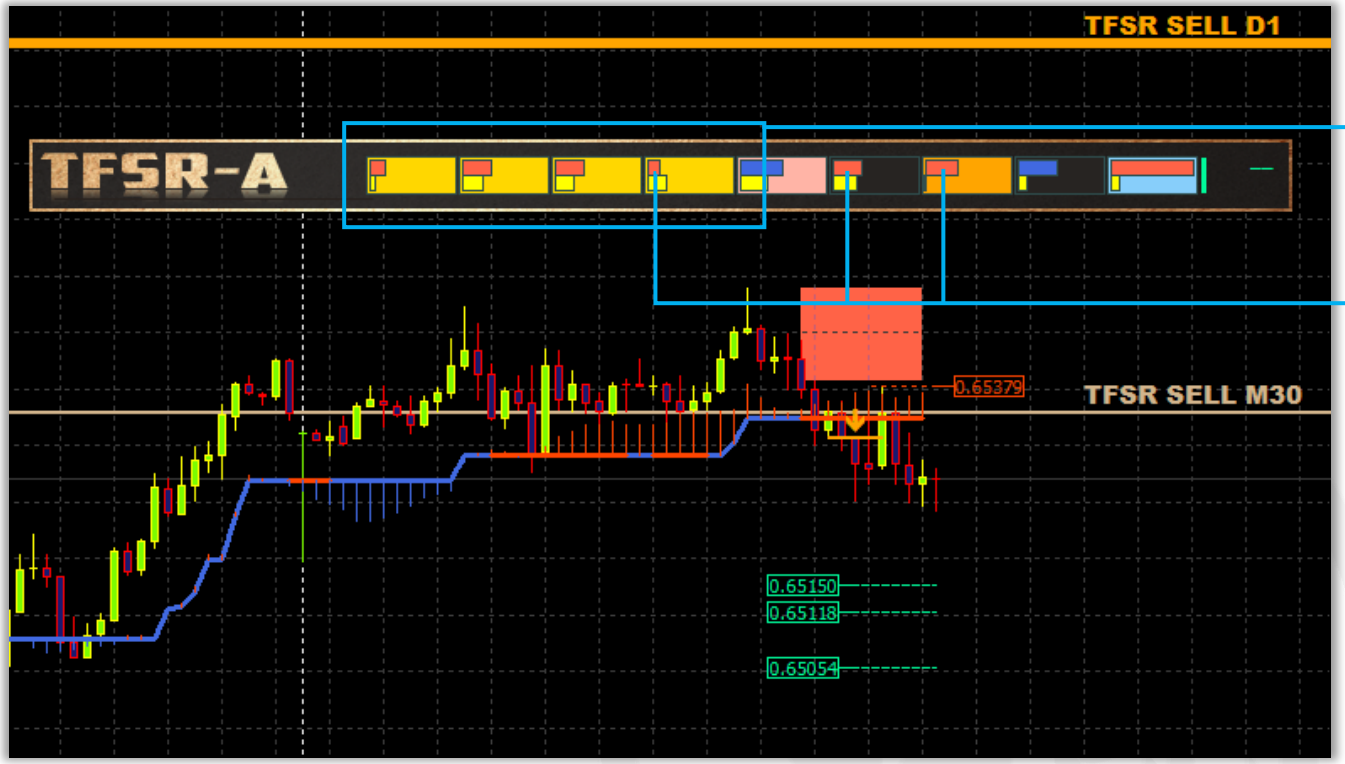
Because

the stored time units

have the **same** trend direction and

the trend strength is **greater** than stored

Example on **NZDUSD M5**:



Special Signal 1 on M1, M5, M15 and M30

Because

the stored time frames

have the **same** trend direction

As for the **Special SELL** signal, the **same** applies to the **Special BUY** signal, only in reverse.

Special signals are displayed **automatically**, you only need to define this in the settings.

This saves time to filter the individual signals and you can **directly enter the market**!

TRENDCHANGE

The indicator gives signals for an up and down trend. It does this with an adjustable delay so that you can immediately notice a trend change and enter the market. The trend change is highlighted in colour and you can immediately see in which direction the trend is turning.

Example:

Higher periods have a **down trend**

Smaller and higher periods already change to the **down trend**

Our period M30 still has the up-trend

But since the next **smaller period changes** to the **downtrend** and the **larger** ones are **already** in a **downtrend**, we can most likely make a **prediction** that the trend in our period will soon also **change** to the **downtrend**:

The signal for Up-Trend would also be a **good entry** into the market with SELL!

TREND-STRENGTH AND DURATION

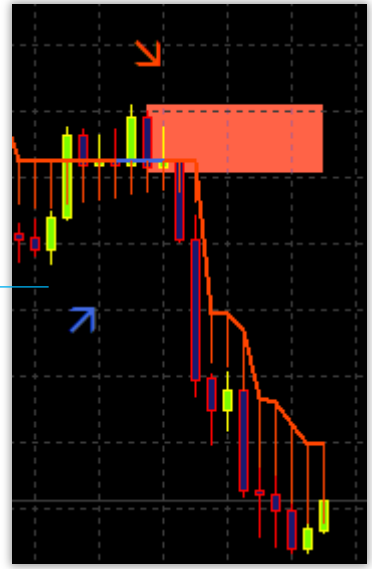
Trend duration and trend strength together play a very important role in trading. Because this is a rough prediction of whether the trend change is really coming or whether it is only a small pull back.

Example GBPUSD M15:

Down trend with a constantly growing trend strength.

The **trend duration** of **H4** tells us that the trend has been going on for a **very long** time and the **trend strength** tells us that this trend is **not changing** that quickly.

Our time period has an **up-trend** with an **ever decreasing trend strength** and a **small trend duration**.

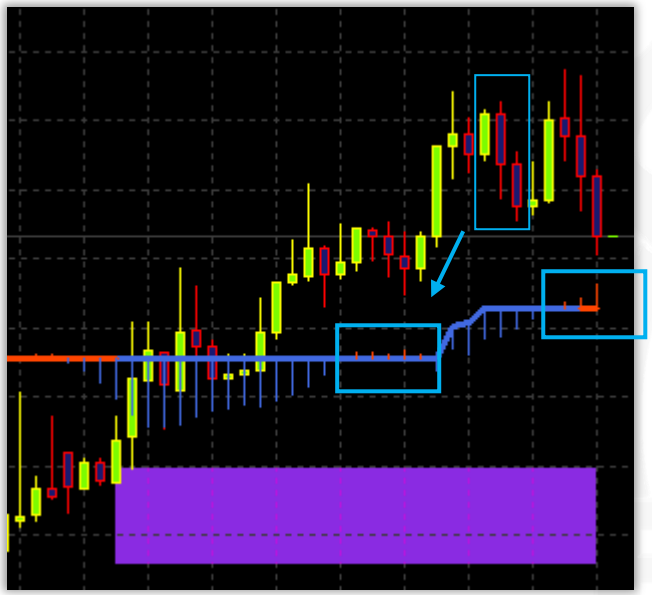


The signal for Up-Trend would also be a **good entry** into the market with SELL!

INTEGRATED MACD

The integrated MACD is set in the standard setting one time unit smaller than the current chart, so it turns **red** as soon as there is a **downward movement** on this smaller time unit.

Example:
Current chart is **GBPUSD M15**, so the MACD is on the trend line with time unit **M5**.



The MACD was already minimally red colored as there was a small **bearish** movement

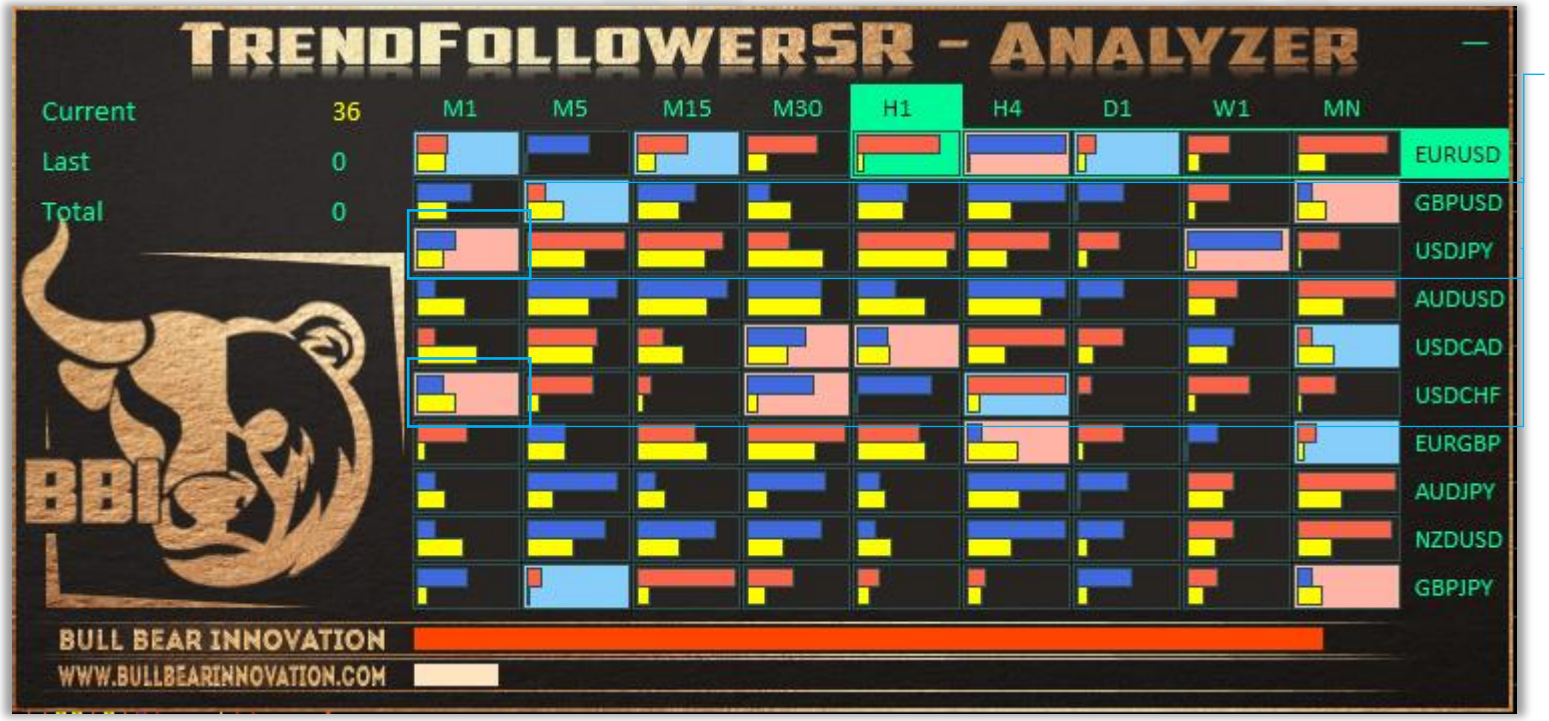
The MACD can also be set **two time units smaller** in order to detect the **trend change** or a **pullback** possibly even **earlier**.

The **integrated MACD** also helps you to recognize the **trend change in time**!

BENEFIT FROM THE PULL BACK

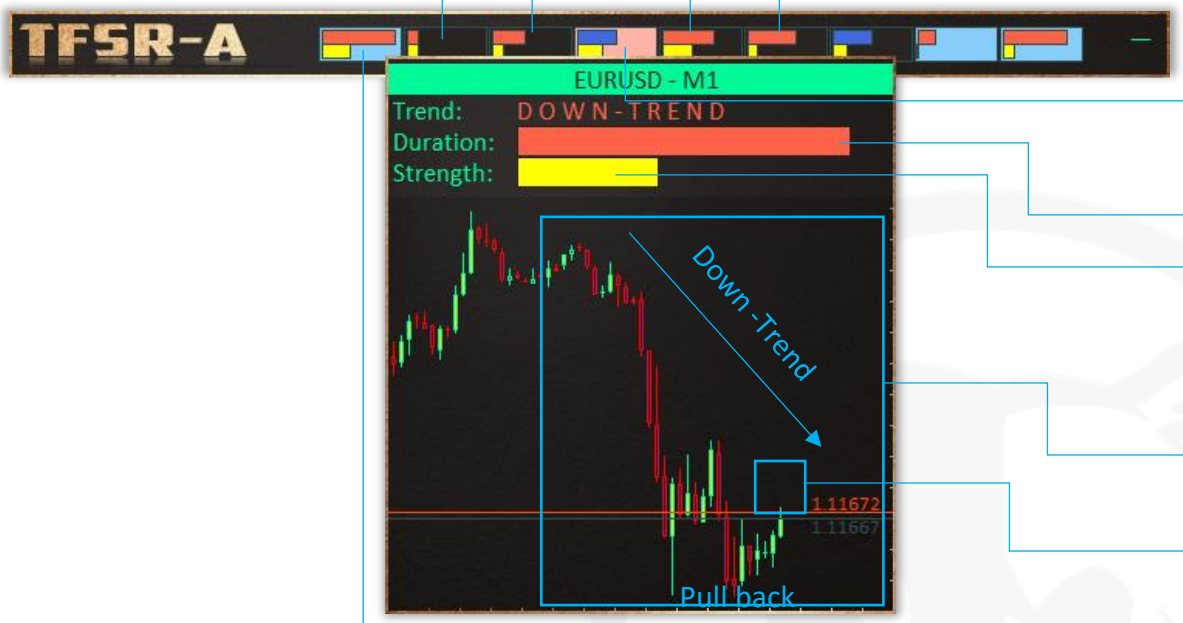
Some traders (including us) like to invest a lot of volume in the pull backs, as long as you know that they will pass 100%.
You can make a lot of profit quickly, but it is **not advisable for beginners**! This can also cause **big losses**!
As with any trade, Stop Loss is a **MUST**!
We always trade pull backs on period M1 and M5. In the example we show you **our** procedure, because we have the experience and are very familiar with our instruments. If it is too risky for you, ignore this "strategy".

Example EURUSD M1:
Normally we have our **TFSR analyzer open** and wait until a trend change on period M1 becomes visible:



In this example we have **three** trend changes to **M1**

Quickly move the mouse over the status box to get a quick view of the chart:



Higher periods show **down trend!**

Trend change to M30 for the **Down-Trend**!

The down trend has been going on for **some time**

Trend strength is sufficient

We see a **down trend** with a **pull back**

Our entry **SELL** is therefore in **this area**

The trend change, in **reality** shows a **pull back**

We apply this strategy to periods M1 and M5.
But you can apply this to **any period**.

With the combination **TrendFollowerSR + TFSR-Analyzer** you have a **powerful** tool for trading!
As time goes by, you will see more and more possibilities that this tool offers and how easy it is to trade with.

If you want to read out the signals of the indicator *TrendFollowerSR*, we have provided some buffers for this purpose.

Using the function iCustom() you can read these individual buffers and evaluate them in your Expert Advisor.

Function	*Buffer*	*Value*	*Beispiel*
Trendlinie	Buffer0	Current price of the trend line	
Trendpfeile	Buffer1		
TrendMACD	Buffer3	Current price of MACD	
Signals	Buffer7 SHIFT 0	1 = BUY 2 = SELL	
Take Profit 1	Buffer8 SHIFT 0	Price of Take Profits 1	
Take Profit 2	Buffer8 SHIFT 1	Price of Take Profits 2	
Take Profit 3	Buffer8 SHIFT 2	Price of Take Profits 3	
Take Profit 4	Buffer8 SHIFT 3	Price of Take Profits 4	
Take Profit 5	Buffer8 SHIFT 4	Price of Take Profits 5	
Stop Loss	Buffer9 SHIFT 0	Price of Stop Loss	
Trend strength	Buffer10 SHIFT 0	Current trend strength in %	
Volatility	Buffer11 SHIFT 0	Current market volatility in %	
Trendperiod 1	Buffer11 SHIFT 0	Current trend of Trendperiode 1 1 = Upward trend 2 = Downward trend	
Trendperiod 2	Buffer11 SHIFT 1	Current trend of Trendperiode 2 1 = Upward trend 2 = Downward trend	
Trendperiod 3	Buffer11 SHIFT 2	Current trend of Trendperiode 3 1 = Upward trend 2 = Downward trend	
Trendperiod 4	Buffer11 SHIFT 3	Current trend of Trendperiode 4 1 = Upward trend 2 = Downward trend	
Trendperiod 5	Buffer11 SHIFT 4	Current trend of Trendperiode 5 1 = Upward trend 2 = Downward trend	
Trendperiod 6	Buffer11 SHIFT 5	Current trend of Trendperiode 6 1 = Upward trend 2 = Downward trend	

IMPORTANT NOTES

As mentioned at the beginning of the user manual, we recommend testing the indicator on a demo account first to get familiar with it. As soon as you have mastered the strategies listed here, so that the profit always grows, the *TrendFollowerSR* will be your reliable companion in the daily trading business.

TRADING

Do not risk too much, risk management is a very important factor. Make sure that you always set a **stop loss** with a low risk.

FAULT SIGNALS

In case of false signals:

- Go through the "false signals" strategy again
- With the help of the Strategy Tester, which is provided free of charge by the MetaTrader 4 platform, check and test the settings again

If none of the points help, please contact us:

support.mql@bullbearinnovation.com

or on

www.bullbearinnovation.com

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