


```

13 sig_length = input(9, 'Signal Length')
14
15 //-----[Exponential Envelopes]-----//
16 //-----[Kazandıran Kripto Kasalar]-----//
17 //-----[Components]-----//
18 var alpha = 2/(length+1)
19 var up1 = 0.,var up2 = 0.
20 var dn1 = 0.,var dn2 = 0.
21
22 C = close
23 O = open
24
25 up1 := nz(max(C, 0, up1[1] - (up1[1] - C) * alpha), C)
26 up2 := nz(max(max(C * 0, 0 * O, up2[1]) - (up2[1] - C * C) * alpha), C * C)
27 dn1 := nz(min(C, 0, dn1[1] + (C - dn1[1]) * alpha), C)
28 dn2 := nz(min(max(C * 0, 0 * O, dn2[1]) + (C * C - dn2[1]) * alpha), C * C)
29
30 //Components
31 bull = math.sqrt(dn2 - dn1 * dn1)
32 bear = math.sqrt(up2 - up1 * up1)
33
34 signal = ta.ema(math.max(bull, bear), sig_length)
35
36 //-----[Plots]-----//
37 //-----[Bullish Component]-----//
38 plot(bull, 'Bullish Component', #089981)
39 plot(bear, 'Bearish Component', #F23645)
40 plot(signal, 'Signal', #FF9800)
41
42 //-----[End]-----//

```



10 Milyon TL Değerinde Ödüller Kripto Kasalarda!
ilk Bitcoin'ini Fexobit senin için Kazandıran Kripto Kasaları Şimdi Tam! Bitcoin, usdt, paxt, sol, ape ile dolu coin sepetini al! Fexobit Kasalarında Bos Yok!

[Şimdi kazan!](#)

AD

Comments



Leave a comment that is helpful or encouraging. Let's master the markets together

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PineCoders MOD · Jul 22 · [View Profile](#)

500 coins

[+4 ▲ Reply](#)

LucF PREMIUM · Jul 20 · [View Profile](#)

Great stuff dear Wizard, as usual.

350 coins

[+2 ▲ Reply](#)

Onofrelio · Jul 29 · [View Profile](#)

What time period do you recommend?
And in which markets are they quite useful? THANK YOU!

[+22 ▲ Reply](#)

FloridaOrtho PRO · Jul 21 · TradingView for Android · [View Profile](#)

After a short time testing this out I noticed three things.

1. If neither line is above the signal line then it could be a choppy market.
2. If one line is almost on top of the signal line or barely above it then it could also be chop and sometimes it lasts a little while. Waiting until it is clearly above the signal line might work better.
3. If a position is taken and the bull/bear line goes below the signal line then it could be used as an exit. However it could also mean the market is going to have a bit of chop or slight retracement before continuing if the opposite line doesn't cross above the signal line.

So far it looks phenomenal

[+14 ▲ Reply](#)

FloridaOrtho PRO · Jul 21 · TradingView for Android · [View Profile](#)

Oh I forgot to add, if in a position and the line stacks on top of the signal line then it can be an exit or everything else I listed in point 3 of my previous comment.

[+4 ▲ Reply](#)

givikolula1 PRO · Jul 24 · [View Profile](#)

AMAZING WORK. Can someone make Strategy out of this?

[+7 ▲ Reply](#)

PineCoders MOD · Jul 22 · [View Profile](#)

This publication is now featured in our Editors' Picks: [tradingview.com/scripts/editors-picks/](#).
In the name of all TradingViewers, thank you for your valuable contribution to the community, and congrats!

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Pratik_4Clover · Jul 15 · [View Profile](#)

Thanks!

[+2 ▲ Reply](#)

CaptainMarvel PRO · Aug 24 · [View Profile](#)

I'm using this in conjunction with the STC (from everget) and the T3 and it's working really well. STC gives the buy or sell signal with the AO in confluence and the T3 confirming. For example, the STC gives the Buy in confluence with AO direction (bull over bear) confirmed by the T3. The AO then shows a fade (bull crosses under the signal line) into the next STC Buy. And the cycle repeats. AO Fade into an STC Buy. It works to the downside as well with an STC Sell in confluence with the AO direction (bear over bull) confirmed by the T3. The AO then shows a fade (bear crosses under the signal line) into the next STC Sell.

Another good example is when the price gaps down and then reverses. STC gives the Sell. The T3 confirms but the AO bear is not in confluence. In fact the bear fades while the bull drops and then bounces (it's a sharp bounce) indicating the reversal and not a continuation to the downside.

When the bull and bear compress (the effect is similar to when the bell rings bands compress or think of the John Carter Squeeze) the market is in consolidation. If you look at META between the 12th to 16th August on the 15minute time frame you'll see what I mean. The AO shows the consolidation prior to the bear on the 17th. The AO confirms the bear cycle right through to the 24th.

As a thought, this might be sacrifice for a purist but to assist interpretation it would be advantageous to introduce a simple ribbon at the top.

AO_Bullish = bull > bear
AO_Bearish = bear > bull

and then do a plotshape circle with location at top. It's not complicated but avoids confusion while assisting interpretation.

[+1 ▲ Reply](#)

CaptainMarvel PRO · Aug 25 · [View Profile](#)

@CaptainMarvel, I have to correct a previous statement; bullish is not bull > bear or bear > bull. And signal crosses do not indicate buy or sell signals. And I leave it at that.

[▲ Reply](#)

CaptainMarvel PRO · Aug 24 · TradingView for iOS · [View Profile](#)

This works very well with the STC by everget. Two example charts to look at would be PDD and SPY on 22 and 23 August.

With PDD both signals (STC and the Andean) provide a lot of clarity for entry, direction and strength on both days. Look on the 5minutetimeframe and you'll see exactly what I mean. The Andean confirms the signals from the STC.

With SPY again, the Andean confirms the Sell signals from the STC at the start of trading on the 22nd and the fade into end of day. On the 23rd the Andean doesn't provide any confirmation.

Another good example is XLE on 23 August. You can use the T3 (for example) as a filter for false STC signals.

This is a really super indicator. I work through the EP's when I have the time and this is a gem.

[+1 ▲ Reply](#)

Snufkin420TC PRO · Aug 17 · [View Profile](#)

Great indicator, I've been using it as a filter to keep me out of choppy market conditions.

+1 ▲ Reply

F FloridaOrtho PRO · Jul 27 · TradingView for Android code more
So after a bit more testing I noticed something quite nice. When the bull/bear cross each other look at the angle. If the crossing line is horizontal, most likely false. If the crossing line has a bit of a slope more likely true but could struggle a bit going that direction. If a high slope, strong signal. Might be better to wait for 1 more candle after the initial cross to confirm the slope. Honestly this indicator is the best chop filter oscillator I have ever seen. Phenomenal work as usual Alex.

+1 ▲ Reply

P puzzledBook87666 Jul 27 code more
@Olcier, what are settings of Length and Signal Length . Please can u guide me .

▲ Reply

F FloridaOrtho PRO · Jul 28 · TradingView for Android code more
@puzzledBook87666, Default settings, I tried shorter lengths but it gives too many false signals. I shared everything I noticed about this indicator in all my comments on here so there isn't much more I could say. Hope it helps

+1 ▲ Reply

P puzzledBook87666 Jul 28 code more
@Olcier, Thank you and I will back test with default settings.

+1 ▲ Reply

S zhafrihandsome PRO · Jul 26 code more
Great !

+1 ▲ Reply

K kly0814 PRO+ · Jul 24 code more
Editor's pick... really?

+1 ▲ Reply

A alexgrov WIZARD · Jul 24 code more
@kly0814, cry

+8 ▲ Reply

T TheAnsible Jul 26 code more
@kly0814, yes it may look simple, but it works wonderfully! sometimes simple is best. i give this indicator an A+.

+3 ▲ Reply

B Bongkeng · Jul 23 code more

try length 25-50

the following trading rules:

Long : bullish component cross over bearish component
Short : bearish component cross over bullish component
Exit Long : bullish component cross under signal line
Exit Short : bearish component cross under signal line

Exits rules are optional.

A filter for false signals can be introduced by using the following long/short conditions instead:

Long : bullish component cross over signal line once per detected trend
Short : bearish component cross over signal line once per detected trend

+1 ▲ Reply

Y yunnything · Jul 27 code more
@Bongkeng, Try 25 - 18

+3 ▲ Reply

S secretcode · Jul 22 code more
Nice, Thank you

+1 ▲ Reply

O OutsourceE · Jul 20 code more
Could you add a hook for bull/bear signals plz?

+1 ▲ Reply

D dpanday · Jul 15 code more
Nice you are still here :)

+1 ▲ Reply

D DannyBaker PRO · Jul 15 code more
Thanks, trying it out now

+1 ▲ Reply

J Jaivanth · Oct 1 · TradingView for Android code more
Outstanding performance by the rising orange line with length 12 & singal length 3... Thanks a lot...

▲ Reply

T tanachaiK · Sep 17 code more
Can I set a Timeframe?

▲ Reply

J Jomy PRO+ · Sep 11 code more
sweet. This looks like the ADX +DI and -DI, but less laggy.

▲ Reply

K koefuture2510 · Sep 3 · TradingView for Android code more
Great

▲ Reply

C CaptainMarvel PRO · Sep 1 code more
If you add a signal line to both this becomes a monster. They operate in harmony switching between ascendancy and thereby direction with varying intensity. Bull crosses its signal line and price rises until the bear crosses its signal line and price decreases. The cycle resets when either drop back to zero in the space of 1 bar.

▲ Reply

R runstock · Aug 16 code more
@alexgrov Hi! Thank you for your great work! Is it possible to modify this indicator in order to move between 0 and 100 like an rsi?

▲ Reply

D DocRR Premium · Aug 6 code more
After the 2h testing with various settings all I can say gives lots of fake signal, even in change the settings.

▲ Reply

A alexgrov WIZARD · Aug 6 code more
@DocRR, you might wanna try different more elaborate signal conditions.

▲ Reply

D DocRR Premium · Aug 6 code more
@alexgrov, Thank you alex, ill try more with diff settings.

▲ Reply

