# Perfect Trading Signals (PTS) system

Thank you for your purchase of Perfect Trading Signals system. We are sure that you will be pleased to use this system on your favorite market instrument and be able to consistently take money out of market. The Perfect Trading signals indicator is based on advanced statistical algorithm and detects current trend with pinpoint accuracy and filters off most of choppiness in the market. It avoids overtrading and catches big swings in the market.

If you are looking for an automated system that provides reliable trading signals with a good risk:reward ratio while avoiding overtrading and based on a well tested algorithm, you have come to a right place.

We are offering a Perfect Trading Signals system on Ninjatrader platform which is one of the most popular trading platform among trading community that works well on futures and forex markets, in fact any market that trades for 24 hours. We have tested the system on historical and live data futures and forex data and it works consistently well on both markets. It has been designed by an a team of experienced traders and programmers who use these signals in their daily trading.

Features of a PTS system:

- Clear, visual buy and sell signals on the charts with no clutter of unnecessary lagging indicators that you get at every other system vendors and no ambiguous trading rules
- Definite order management system including no of lots to open, 3 profit targets and a breakeven/trailing stop.
- Toolbar buttons to pause/start the strategy manually without disengagement of a strategy, also buy and sell buttons on a toolbar to add discretionary element should it be necessary.
- Takes only 4-5 signals a day and avoids overtrading
- Profitable settings of a strategy for a variety of instruments

#### PTS trend indicator:

Our flagship trend indicator gives buy and sell signals throughout the trading day on 24 hours markets like forex and futures and show it on chart with an entry arrow and a background color change.

Is trading so easy as just buy and sell at change of colors? Certainly not so but the indicator is based on an advanced statistical algorithm that makes it so.

On the following page we have instructions to set up the indicator on your chart.

Once you import the zip file of the indicator we provide you, you can select the indicator from the panel and use the settings for various instruments as we recommend.

	Parameters	
	Factor1	10
	Factor2	0
🗆 Data		
	Calculate on bar close	True
	Input series	NQ 12-12 (RJay's RenkoHybrid
	Maximum bars look back	TwoHundredFiftySix
🗆 Visual		
	Auto scale	True
	Displacement	0
	Display in Data Box	True
	Label	PTStrend
	Panel	New panel
	Price marker(s)	True
	Scale justification	Right
Ξ	Visual	
	01. Color Bars?	True
	02. Up color	Navy
	03. Down color	Maroon
	04.Draw Arrow On Price Panel	
	04a.Ticks from arrow?	2
	05a.Color Background?	True
	05b.Color ALL Backgrounds?	True
	05c.Background Color Up	LightGreen
	05d.Background Color Dn	Orange
	06.Background Opacity	50
· • •	abel TS trend indicator.	

*Factor1:* The setting for this is minimum from 10 and max of 500, use larger setting to catch large intraday moves like 200-300. This is the main setting of an indicator.

For various instruments, we suggest following settings for factor1:

CL:55 to 300 for a 4 ticks range bars chart

NQ:55 to 250 for a 2 range bars chart

ES: 34 to 200 for a 2 range bars chart

YM: 55 to 200 for a 2 range bars chart

6E or spot forex: 34 to 200 for a 2 range bars chart

You may use higher period settings for a swing trade.

*Factor2:* Use 0 for most part but you may experiment with multiples of 50 here.

*Visual settings:* You may change background, bar colors and arrow settings as per your liking and visual test here.



#### Here are some pics with autotrader in action.



#### PTS autotrader1:

The PTS autotrader is based on PTS trend indicator. The settings panel is shown in the picture here.

Ξ	Parameters		
	1.1Factor1 setting	15	
	1.2Factor2 setting	0	
	2.1Session Start	1	
	2.2Session End	235900	
	3.1 Target1 in ticks	10	
	3.2 Target2 in ticks	25	
	3.3 Target3 in ticks	50	
	3.4 Stop in ticks	15	
	3.5 Breakeven order 2? False		
	3.5a Ticks to breakeven for orde	0	
	3.6 Breakeven order 3?	False	III III
	3.6a Ticks to breakeven for orde	0	
	3.7a Use order 1?	True	
	3.7b Lots1 quantity	2	
	3.7c Use order 2?	True	
	3.7d Lots2 quantity		
	3.7e Use order 3?	True	
	3.7f Lots3 quantity	1	
	3.8a Daily Profit Goal	2000	
	3.8b Daily maximum loss	1500	
	3.9 Type of order entry	Market	
	4A. Color Background?	True	
	4B.Color ALL Backgrounds?	False	
	4C. Background Color Up	LightGreen	
	4D. Background Color Dn	LightPink	
	5A. Paintbars?	True	
	5B. Bar Color Up	Navy	
	5C. Bar Color Dn	Maroon	
	5D. Candle Outline Color Up	Gray	
	5E. Candle Outline Color Dn	Gray	
	6.Background Opacity	90	
	7.Ignore historical data?	True	
Ξ	General		-

Factor1 and factor2: Refer to indicator settings here.

**Session settings:** Use session start and end settings to trade as per your session choice. For a server time of 9.30 am on your Ninjatrader, use 0933000 as session start time. For 4.30pm , use 163000 as session end time. For most instruments, start from Frankfurt open till US close session start and end times.

*Targets:* You may use 3 targets in the settings with ticks as a parameter.

Stop: Use number of ticks in stop to set a stoploss order

**Breakeven:** You may set this in ticks to move stoploss for 2<sup>nd</sup> and 3<sup>rd</sup> orders to move to breakeven after target 1 is achieved. Use breakeven ticks from -5 to 10 ticks above /below breakeven. So if you want to move stoploss to breakeven +1 tick, use 1 in settings of breakeven order2.

*Use orders:* You may choose to enter order 1,2 and 3 as you wish and select quantities for the respective orders. If you want to use only 1 order, set user order2 and 3 to false.

*Lots:* On entry signal, the autotrader opens 3 different orders with different profit targets and no of lots. Use no of lots to use in orders 1,2 and 3 you wish to use. If you wish to use only 2 lots, use 1,1,0.If you wish to enter 5 lots, use 2,2,1 or 3,1,1. For forex instruments, use 20000, 10000,10000 to open minilots.

**Daily profit goal:** Set your expected daily profit goal in dollar amount here. When it is achieved, the strategy stops itself and does not take any more trades.

**Daily Maximum loss:** Set the daily maximum stoploss here after which the strategy halts itself and does not take any more trades.

*Type of order entry*: You may choose your type of order entry as market /limit or stop order. By default its market order which we recommend.

*Visual:* Use visual settings in an autotrader to set bar color, background color and arrow signals here.

Ignore historical data: This if set to true does not process strategy on historical data.

**To Backtest the strategy:** Set Ignore historical data variable to false if you wish to test the strategy on strategy analyzer and set the daily profit goals and daily max loss to infinity like 9999999999.

#### PTSautotrader1V2a:

This is second version of our popular autotrader and it refers to a higher timeframe be it minutes, range, ticks or day timeframe and takes the trades only in accordance with it.

Here is the picture of its settings

Ξ	Parameters		1
	1.1Factor1 setting	100	
	1.2Factor2 setting	0	
	1.3 Use higher timeframe filter?	True	
	1.4Chart Type for higher timefrar	Range	
	1.5Chart period for higher timefra	15	
	1.6Factor1 setting in higher time	100	
	2.1Session Start	1	
	2.2Session End	235900	
	3.1 Target1 in ticks	5	
	3.2 Target2 in ticks	15	=
	3.3 Target3 in ticks	100	-
	3.4 Stop in ticks	25	
	3.5A Breakeven order 2?	False	
	3.5B Ticks to breakeven for orde	0	
	3.5C Breakeven order 3?	False	
	3.5D Ticks to breakeven for orde	0	
	3.6A Use order 1?	True	
	3.6B Lots1 quantity	2	
	3.6C Use order 2?	True	
	3.6D Lots2 quantity	1	
	3.6E Use order 3?	True	
	3.6FLots3 quantity	1	
	3.7A Daily Profit Goal	1000	
	3.7B Daily maximum loss	1000	
	3.7C Daily maximumNo of trades	15	
	3.8 Type of order entry	Market	

Factor1 and2 settings are for primary charts.

1.3 Set higher timeframe to true if you wish to refer to higher timeframe to filter off the trades

1.4 Select the higher timeframe chart type-Minute, Day, Ticks or Range

1.5 Select the chart period for higher timeframe eg. 15 minutes, 60 minutes, 233 ticks, 20 range etc

- 1.6 Select the Factor 1 of PTS trend1 indicator for higher timeframe
- 2. Select the session times you wish to trade

3. Select the 1-3 targets, its quantities and no of ticks to profit targets

3.7 Select the daily profit target and maximum daily loss you wish to set so that the strategy stops after that is achieved

#### **PTSautotraderATM**:

This is the version of our PTS autotrader with ATM strategy. The main strategy calls an ATM strategy from your saved ones and implements them with the PTS algorithm.

First you need to create an ATM strategy in Ninjatrader dynamic DOM ladder like in the picture shown below.

		8				
		2				
🔍 Manage T	emplat	es				2
Name:	PT	SATM				-
Save		Re	emove	1	Clo	se
	_			,		
< R	EV	F	LAT	CL	OSE	С
Instrument:	CL 11	-12 🔻	. 0	Inder ab	, 5	-
	CL 11 Benla			rder qty ı⊨	_	×
Instrument: Account: ATM Stratemy:	Repla	ay101 v		rder qty IF:	y: 5 Day	•
	Repla PTSA	ay101 v ATM	] т		_	•
Account: ATM Strategy:	Repla PTSA parame	ay101 v ATM	] т	IF:	Day	€ ▼ Target
Account: ATM Strategy:	Repla PTSA parame	ay101 👻 ATM eters (tic	] T ks)	IF:	Day	•
Account: ATM Strategy: ATM Strategy	Repla PTSA parame	ay101 ▼ ATM eters (tic arget	] т ks) 2т	IF: arget	Day () 31	• • Farget
Account: ATM Strategy: ATM Strategy Qty:	PTSA PTSA parama 0 1 T 3	ay101 V ATM eters (tic arget	) T ks) 0 2 T 1	IF: arget	Day (a) 31 1	▼ ▼ Target

You may set maximum 3 targets with flexible stoploss, targets and trailing stops, autochase etc.

Let's call this ATM strategy PTSATM.

Now open the chart of your selected instrument and load the PTSautotraderATM strategy.

The settings are like the picture shown in next page.

Parameters			
1.1Factor1 setting	15	1	
1.2Factor2 setting	0		
1.3Chart Type for higher timeframe	Minute		
1.4Chart period for higher timeframe	60		
1.5Factor1 setting in higher timeframe	15		
2.1Session Start 1			
2.2Session End	235900		
3.1 ATM stratgey name	PTSATM		
3.2 Type of order entry	Limit		
3.3 Limit order Offset	1		
3.4 Stop order Offset	1	-	
3.5 Bars after entry for cancel	6		
3.6A Daily Profit Goal	1000		
3.6B Daily maximum loss	1000		
4A. Color Background?	True		
4B.Color ALL Backgrounds?	False		
4C. Background Color Up	LightGreen		
4D. Background Color Dn	Orange		
5A. Paintbars?	True		
5B. Bar Color Up	Navy		
5C. Bar Color Dn	Maroon		
5D. Candle Outline Color Up	Gray		
5E. Candle Outline Color Dn	Gray		
6.Background Opacity	50		

As with multi-timeframe strategy, you can select the chart type, its period and Factor1 period for the strategy.

3.1 You need to manually enter ATM strategy name exactly as you have saved in DOM in our example PTSATM so that the main strategy PTSautotraderATM calls the PTSATM as order management.

3.2 You need to select the type of order entry like market, limit, stop etc.

3.3 and 3.4 Select the offset of limit or stop order from entry point in ticks

3.5 If the limit order does not get filled, it will be cancelled after x no of bars after an entry bar, I have set it as 6 bars in default setting.

Next you can set daily profit goals and maximum daily loss.

#### **PTSautotrader2**:

Our second autotrader is based on the popular supertrend indicator. We have added a channel as a filter to supertrend indicator which filters off most of non-profitable trades taken by supertrend. Also you may refer to higher timeframe supertrend as a filter.

When you load the strategy on the chart, the settings panel shows 2 sections as in pictures below.

Ξ	1.Indicator Parameters			
	1.1A Factor1 Period	10		
	1.1B Factor2 setting	2		
	1.1C Factor3 period	3		
	1.1D Filter period	50		
	1.2A Color Background?	False		
	1.2BColor ALL Backgrounds?	False		
	1.2C Background Color Up	LightCyan		
	1.2D Background Color Dn	Light Salmon		
	1.3A Paintbars?	False		
	1.3B Bar Color Up	Navy		
	1.3C Bar Color Dn	Maroon		
	1.3D Candle Outline Color Up	Gray		
	1.3E Candle Outline Color Dn	Gray		
	1.4 Background Opacity	80		
	1.5A Use supertrend in higher tim	False		
	1.5B Chart Type for higher timefra	Minute		
	1.5C Chart period for higher timef	15		
	1.5D Factor1 setting in higher time	10		
	1.5E Factor2 setting in higher time	2		
	1.5F Factor3 setting in higher time	3		
	1.6 Use supertrend with a filter?	False		
Ξ	2. Session Parameters			
	2.1Session Start	1		
	2.2Session End	235900		

1.1A Factor1 period is the ATR period which you may set from 10 to 21

1.1B Factor 2 setting is the ATR multiplier which you may set as per your needs from 1.4 to 3

1.1C Factor 3 is the average period of price from which ATR is calculated which is 3 by default

1.1D Filter period is the PTS channel filter period which is set to 100 bars, but you may choose 20, 50, 200 etc. to experiment which is most profitable

1.2, 1.3 and 1.4 deal with chart color settings which are self-explainable

- 1.5A If you want to use supertrend in higher timeframe then set this to true
- 1.5B Select the chart type for higher timeframe like minute, ticks, range, day.
- 1.5C Select the period of higher timeframe chart
- 1.5D-F select the supertrend settings in higher timeframe chart

1.6 Use supertrend with a filter set to true if you want to use a PTS channel as a filter.

**Note:** you may choose either 1.5A or 1.6 as true but not both to be true, as you can use only higher timeframe supertrend or a channel as a filter, one at a time. If you set both to false, the strategy will take all supertrend signals.

Now the section3 of settings panel deals with orders and looks like this.

	3. Order Parameters	
	3.1 Target 1 in ticks	5
	3.2 Target 2 in ticks	15
	3.3 Target3 in ticks	50
	3.4 Stop in ticks	20
	3.5A Breakeven order 2?	True
	3.5B Breakeven order 3?	True
	3.5C Trailing stop offset	2
	3.6A Use order 1?	True
	3.6B Lots1 quantity	2
	3.6C Use order 2?	True
	3.6D Lots2 quantity	1
	3.6E Use order 3?	True
	3.6FLots3 quantity	1
	3.7A Daily Profit Goal	1000
	3.7B Daily maximum loss	1000
	3.7C Daily maximumNo of trades	15
10	3.8 Type of order entry	Market
	3.9 Ignore historical data?	True

3.1 to 3.6 Here you can set upto 3 profit targets with a stop loss.

If you set breakeven 2 and 3 to true, the stops of orders 2 and 3 are moved along supertrend stopline and as price moves in your favor, the stop trails along supertrend stop line. The trailing stop offset sets the stoploss "X" no of ticks behind supertend line.

3.7 You can set the daily profit goal and daily maximum loss limits here, also maximum no of trades in a day after which the strategy stops taking any further trades.

3.8 Set type of order entry here as market, limit or stop entry. We recommend market orders.

3.9 If you want to backtest this strategy, set this variable to false in strategy analyser or market replay. If you don't want the strategy to show trades on historical data, set this to true.

Now please test this strategy on strategy anaylser and market replay with different settings and decide which are best for you. We will send you the best settings for this strategy that we use.

Only after adequate backtesting, you should use this strategy for live trading.

As in autotrader1, we have discretionary buttons in toolbar in case you need manual intervention when the strategy is running.

#### **PTSautotrader2V2:**

This version uses PTStrend indicator instead of supertrend along with a PTS channel indicator as a filter.

The settings panel looks like this.

Ξ	1.Indicator Parameters	
	1.1A PTStrend Factor1 Period	21
	1.1B PTStrend Factor2 setting	0
	1.1C Channel Filter period	100
	1.2A Color Background?	True
	1.2BColor ALL Backgrounds?	False
	1.2C Background Color Up	LightCyan
	1.2D Background Color Dn	Light Salmon
	1.3A Paintbars?	True
	1.3B Bar Color Up	Navy
	1.3C Bar Color Dn	Maroon
	1.3D Candle Outline Color Up	Gray
	1.3E Candle Outline Color Dn	Gray
	1.4 Background Opacity	80
	1.5 Use PTStrend with a filter?	True

Most of settings are same as version 1 except PTStrend indicator.

- 1.1A set the factor1 settings here
- 1.1B set the factor2 here
- 1.1C set the channel filter bars here.

The order management and session time settings are same as version1.

### Toolbar Buttons:

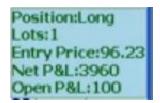


We have incorporated 4 toolbar buttons with the autotrader which reside in the topmost toolbar on the chart. First button starts/halts a running strategy. After loading the strategy, press the START button once to start the operation of strategy. If you want to halt the strategy for any reason, press the PAUSE button and it stops taking signals.

Other buttons are buy at market, sell at market and CLOSE buttons. Buy and sell buttons open exactly same no of orders as with an automated strategy but with manual intervention.

CLOSE button close all open trades whether opened manually or by a running strategy but without disengagement of a strategy.

#### Profit Loss Panel:



The PL panel in the left top corner shows the current position (long/short), no of lots open and its entry price. Below it also shows net PL since the start of a strategy and open PL that is unrealized PL. It updates with every closed bar so it will vary with the DOM PL which updates with every tick.

Best luck and many green ticks to you from PTS management!!

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