

# SMA

## MANUAL

---

■ EXPERT ADVISOR



# CONTENT

---

SMA BASIC INTRODUCTION.....	2
FLOW CHART .....	3
BASIC SETTING .....	4
ENTRY SYSTEM.....	5
ENTRY SYSTEM – MAIN ENTRY SETTINGS .....	6
ENTRY SYSTEM – 1ST ORDER AUXILIARY ENTRY SETTINGS.....	8
VOLATILITY FILTER .....	8
CORRELATION FILTER.....	10
ENTRY SYSTEM–MARTINGALE ENTRY FILTER .....	12
EXIT SYSTEM.....	18
NEWS FILTER .....	24
DISPLAY & MISC.....	25



# SMA Basic Introduction

SMA is a proprietary trading program with a strategy to capture medium and long-term profits, with a built-in intelligent order adding system.

The basic entry principle is the Vegas Tunnel. When multiple channels run upwards or downwards simultaneously, and the directional trend is consistent, it indicates that the medium-term trend has been established and is developing relatively stable. The program will then trade until the trend ends and generate substantial profits.

The exit principle also uses channels formed by MA lines as a standard, ensuring that the strategy can fully capture the profits brought by the overall market trend.

## Features of SMA

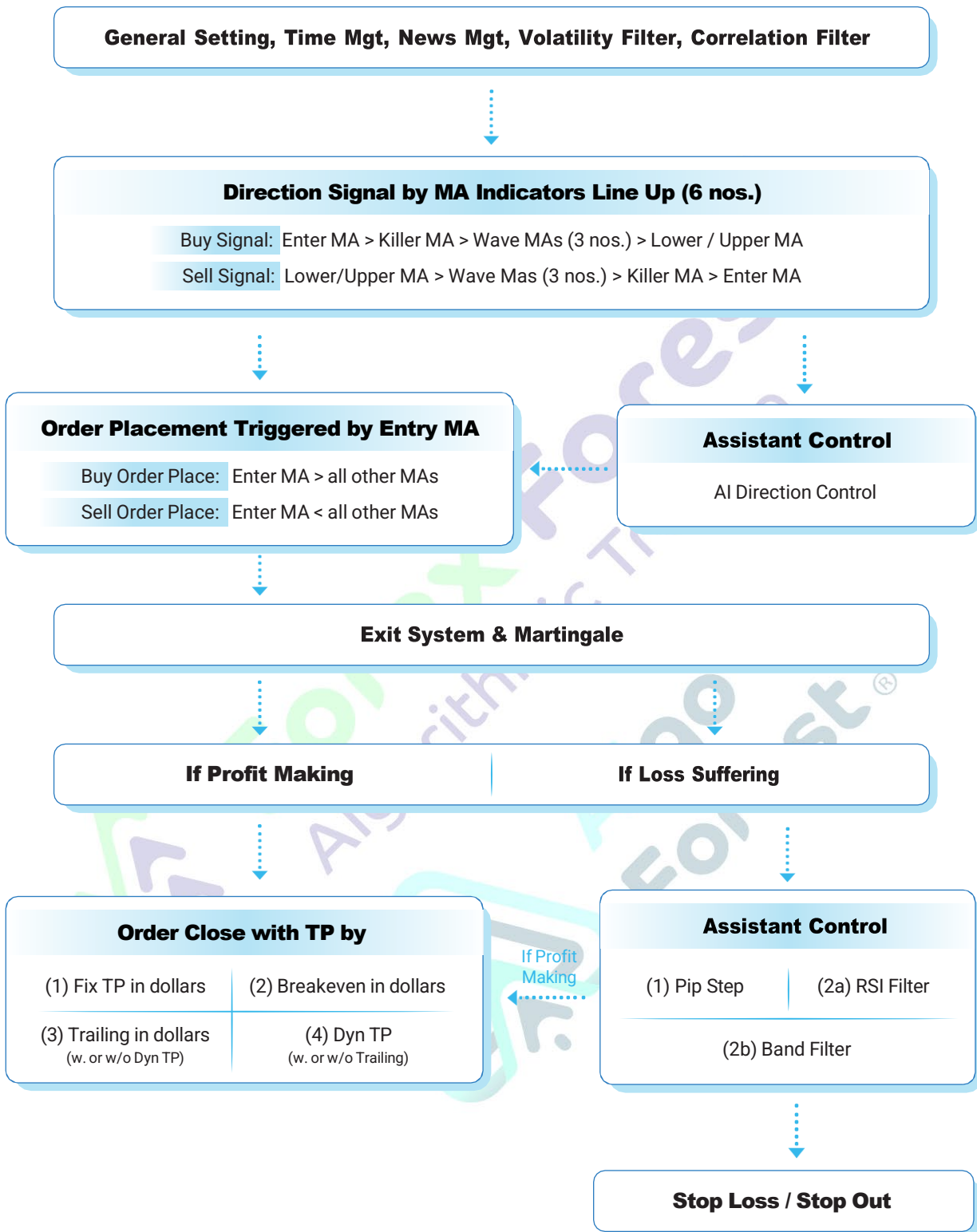
- Unless otherwise specified, the main input values for SMA are based on Pips.
- When MT4 disconnects or restarts, no set entry or exit positions will be lost.
- It uses the latest CODING technology, so the PC or VPS will not be overloaded.
- Using API technology can promote the efficient implementation of SMA strategy solutions.
- It can cooperate with other EAs and scripts.
- You can select order opening positions by detecting multiple oscillating indicators.
- You can enable two moving averages with different periods as trend filters, such as MA 200 and MA 34.
- It has spread and slippage filters that can limit trading when the spread is too large.

## SMA Key Points to Note

### Entry Mechanism

After the first order is placed, the Martingale layer orders need to meet the Martingale Filter conditions before entry.

## Flow Chart





## Basic Setting

ab	=== BASIC SETTING ===	=== Basic Setting ===
123	Direction of Trades to Open	Open Both directions
123	Trade Mode	Open and Close Trades
1/2	Close Only Mode when above DD% (0=not used)	15.0
1/2	Reset Trade Mode when below DD% (-1=not used)	0.0
123	Enter Mode	Per Bar
123	HFT Mode (10x speed up)	Off

**Close Only Mode when above DD%** Enter close only mode when the profit/loss ratio exceeds a certain percentage.

- When the chart Drawdown is greater than the specified value, you can only close existing open positions, or continue to enter with Martingale until closing.
- 0 means this function is not used.

**Reset Trade Mode when below DD%** Enter reset trade mode when the profit/loss ratio is below a certain percentage.

- When the account Drawdown is less than the specified value, the original trading mode will be reset.
- -1 means this function is not used.

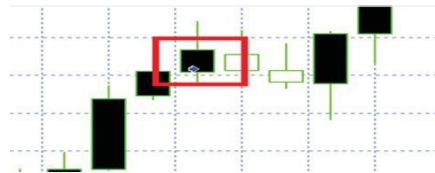
## Trade Mode

<b>Open New Trades Only</b>	Only new orders can be traded
<b>Close Existing Trades Only</b>	You can only close out your existing position or continue to enter the market with Martin until your position is closed.
<b>Open and Close Trades</b>	Trade new orders, open additional Martin orders or close out existing positions.

## Enter Mode

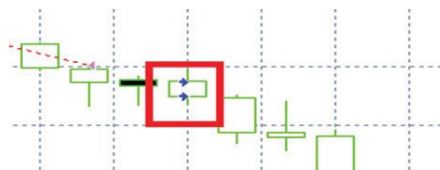
### Per Bar

Calculated using the closing price of each bar. If the entry conditions are met, entry will be made in the next bar. Therefore, there will only be one entry opportunity per bar.



### Per Tick

Calculated every time the price fluctuates. When the entry conditions are met, entry will be made immediately. Therefore, there may be multiple entry opportunities per bar.



## HFT Mode

1. On: The EA continuously calculates every second, even if the currency pair selected for trading has no price fluctuations, it will still continuously calculate.
2. Off: Only calculates when the selected currency pair has price fluctuations.

Because high-frequency trading mode consumes more computer resources, it is usually only used for extremely high-speed entry strategies, such as news trading or using low-timeframe CCY Power breakouts to enter the market, to avoid entry and exit delays.

## Entry System

ab	=== ENTRY SYSTEM ===	##### Entry Setting #####
123	Trading Mode	Type C

## Trading Mode

1. **Type A:** Only one direction of order (including Martingale) is allowed at the same time. Buy Order and Sell Order are not allowed at the same time.
2. **Type B:** Only one direction of order (including Martingale) is allowed at the same time. Buy Order and Sell Order are not allowed at the same time; the direction of the next entry order after closing the position must be the opposite direction.
3. **Type C:** Buy Order and Sell Order are allowed at the same time.

Thank you for reading

### **Full Manual Availability**

This document contains only the first five pages of the complete user manual. The full version of the manual is provided upon purchase of the Expert Advisor (EA). If you have already purchased the EA and have not received the full manual, please contact our support team for assistance ([info@forexforest.com](mailto:info@forexforest.com) / [info@algoforest.com](mailto:info@algoforest.com)).