

PipBoxer V3.0.0 Cheat Sheet

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The following text helps you to setup external variables or rather the user inputs properly. **Note that external variables for each EA are independent from the others. So if you want to change a variable for all EAs you need to change if for them one by one.**



Refer to the section 2 “How to attach and EA to a Chart” of the user’s manual (i.e. “PipBoxer_Trading_Solution.pdf”) for more information about changing system variables.

The most Important Variable

The “_server_time” variable is the most important trading variable. “_server_time” refers to the server time of your broker with respect to GMT in winter. The exact value of _server_time in summer depends on your broker’s policy. If your broker follows the daylight time shift then you do not need to change _server_time in summer. If the broker server time remains the same in summer then in summer you need to subtract 1 from this variable. The following table shows some examples of _server_time variable for some of the brokers*.

Broker	Summer	Winter
Interbank FX	-1	0
MIG FX	1	1
FXDD	2	2
NorthFinance	2	2
Alpari	1	1

* These are not our recommended brokers. They are simply some of the brokers that our customers use the most. They may change their policy and these variables become invalid. We suggest that you double check with them about these values.

For example MIG FX server time in winter is GMT+1. This broker changes the server time to GMT+2 in summer. Therefore the `_server_time` variable remains “1” throughout the whole year.

As another example Interbank FX server time is currently GMT throughout the year so you need to assign “0” to `_server_time` in fall and winter and “-1” in spring and summer. Please remember that broker’s policy may change and you need to make sure that your `_server_time` variable is set correctly.



We consider mid-October to mid-March as winter time. The short-term effect of this variable is usually not significant so you don't need to be worried about the exact time of changing this variable. If your setting is wrong for a couple of weeks you usually won't encounter a serious problem.

If you do not know the correct value of `_server_time` for your broker you may contact them and ask about their server time both in winter and summer with respect to GMT and then assign proper value according to the guideline in the previous paragraph.

As an alternative method you may use the following steps:

1. Download and install a demo of MT4 from either MIG or Alpari websites.
 - To get a demo from MIG visit <http://www.migfx.ch/trading/open-90-day-demo-account/>
 - To get a demo from Alpari visit <http://www.alpari-idc.com/en/metatrader4/open-demo-account.html>
2. Open your broker’s platform and the demo platform from MIG or Alpari.
3. In both platforms open a one hour (H1) chart of GBPUSD.
4. Draw a vertical line on the last bar. The time difference between your broker’s vertical line and the one from MIG or Alpari is the value you need to add the `_server_time` variable. For example if on the chart opened in your broker’s platform the time is 20:00 and on MIG it is 19:00 then the value of `_server_time` for your broker is 2 (or rather 20-19 plus 1). Note that the value of this variable for MIG and Alpari is always 1. If the value on your platform is 20:00 and on MIG is 21:00 then you need to assign 0 to `_server_time` (or rather 20-21 plus 1). And finally if the values are identical then `_server_time` is 1 for your platform. Figure 10 shows a GBPUSD chart with a vertical line for further clarification.



Figure 10

If you have problems with assigning the correct value to `_server_time` contact us via info@pipboxer.com. We will help you to assign the proper value to this variable.



The value of `_server_time` is independent of your physical location. It only depends on your broker's server.

A Complete List of Variables

The only settings that you have to change is the “_server_time” external variable. For more information about setting this variable refer to “[The server time Variable](#)” under section 3 of this manual currently located on page 20.



Assigning the correct value to the “_server_time” variable is critical. Do not overlook it. While in short term the effect could be limited but in long run it could affect your results significantly.

You may also consider assigning proper values to “Value_At_Risk” variables of all your PipBoxer EAs. The following image shows some suggested values based on your risk tolerance and if you trade all Expert Advisors.

Pair	Weight	Suggested Value At Risk			
		Very High Risk	High Risk	Moderate Risk	Conservative
GBPJPY	43.33%	13.00%	8.67%	4.33%	2.17%
USDJPY	17.75%	5.32%	3.55%	1.77%	0.89%
EURUSD	16.51%	4.95%	3.30%	1.65%	0.83%
EURJPY	14.63%	4.39%	2.93%	1.46%	0.73%
USDCHF	5.60%	1.68%	1.12%	0.56%	0.28%
EURGBP	0.61%	0.18%	0.12%	0.06%	0.03%
USDCAD	0.43%	0.13%	0.09%	0.04%	0.02%
AUDJPY	0.33%	0.10%	0.07%	0.03%	0.02%
AUDUSD	0.28%	0.08%	0.06%	0.03%	0.01%
NZDUSD	0.23%	0.07%	0.05%	0.02%	0.01%
GBPUSD	0.17%	0.05%	0.03%	0.02%	0.01%
GBPCHF	0.14%	0.04%	0.03%	0.01%	0.01%
TOTAL	100%	30%	20%	10%	5%

The VAR settings could change over the time according to the results that we gain from each pair. You may also consider the “Weight” column for your settings if you are not trading all of the EAs. We usually post the latest version of VAR settings on <http://www.pipboxer.com/news.php>.

PipBoxer V3 external variables fall into three categories. I have already explained many of these variables but it is good to gather and explain all variables in one place:

- Group 1: Trading Variables
 - **_server_time** (default value = 1): This variable defines the server time of your broker with respect to GMT in winter. See [page 20](#) of this manual for more information about this variable.
 - **_short_trades** (default value = true): If “false” the system won’t enter short trades.
 - **_long_trades** (default value = true): If “false” the system won’t enter long trades.
 - **_max_takeprofit** (default value = varies): Defines the maximum take profit in pips targeted by each trade. For example if you set this variable to 300 the maximum profit that you can make per trade does not exceed 300 pips. We have optimized this value for every currency pair but gave you the capability to override our calculated value.
 - **_max_stoploss** (default value = varies): Defines the maximum stop loss in pips targeted by each trade. For example if you set this variable to 300 the maximum loss that may occur per trade does not exceed 300 pips. This feature is especially useful for those who use fixed lots to trade. It helps them to control their maximum loss.
 - **_quick_be** (default value = 1): Moves the stop loss 1 pip above the open price when the market reaches this value. For example if you set this value to 50, if the market moves 50 pips in your favor the stop loss moves 1 pip above your open price and your trade is locked in profit. We have optimized this value for each EA but you may override it at your own discretion.
 - **_max_open_trades** (default value =100): If the number of open trades whether opened by PipBoxer or other methods is equal to or greater than this variable PB won’t initiate a new trade.
 - **_max_trades_this_pair** (default value =20): This is a new variable for PipBoxer V3. This variable controls the maximum trades that could be opened by PipBoxer on a specific currency pair. For example if you have attached PipBoxer to a USDCHF chart and this variable is 4, then PipBoxer would open a maximum of 4 trades on USDCHF. This variable only takes PipBoxer trades on a specific pair into account. It does not consider trades opened manually or by other automatic methods.

- **`_draw_pb_shapes`** (default value =true): If this variable is “true” then PipBoxer draws shapes. You may change it to “false” to disable this feature.
- **`trades_slippage`** (default value =2): Represents the maximum deviation of the open price from the requested price in pips. The larger this value the less is the chance of getting re-quoted. However, you increase your risk of losing the trade.
- Group 2: Risk Management Variables
 - **`Value_At_Risk`** (default value = varies): This variable defines the maximum percentage of the account balance that you accept to lose in a single trade. For example if your account balance is \$2,300.00 and `Value_At_Risk` is set to 2% you may lose up to \$46.00 per trade. Your losses might be slightly higher than this value due to limitations set by your broker. The maximum value that you can assign to `Value_At_Risk` is 10 by default (i.e. 10%). I do not recommend assigning higher values. However, if you want the system to accept higher values set the “`account_risk_control`” variable to “false”.
 - **`user_lot_size`** (default value = 1): If you want to trade fixed lot sizes you need to assign 0 (zero) or a negative value to “`Value_At_Risk`” and then the lot size value to this variable. For example if you are willing to trade 0.5 lots per trade, assign 0 or a negative value to “`Value_At_Risk`” and 0.5 to “`user_lot_size`”.
 - **`no_risk_balance`** (default value = 0): This variable allows you to exclude part of your account balance from lot size calculations.
 - **`account_risk_control`** (default value = true): When true, if you assign a value greater than 10 to `Value_At_Risk` it generates a warning message and replaces the value with 10. With the help of this variable you make sure that you do not assign a high VAR to your trades by mistake.
 - **`enter_high_risk`** (default value = true): If “false” the system does not enter trades that might lose over the specified VAR. If “true” (the default value) PipBoxer does not miss any trades and enter trades with at least the minimum lot size allowed by the broker.
 - **`above_max_lots_ok`** (default value = true): If “true” when the calculated lot number is greater than the maximum lot number allowed by your broker the system trades the maximum lot number. If “false” the system won’t trade in such situations.

- **bypass_margin_call** (default value = true): If “false” the system will not enter trades that might result in margin call. However, since some of the brokers do not provide the system with correct margin call information this variable is “true” by default.
- Group3: Money Management Variables
 - **_move_to_break_even** (default value = true): If “true” stop loss moves to break-even point or near to break-even point when the price advances in the trade’s direction. The exact behavior of this feature varies from one currency pair to another.
 - **_trailing_stop_available** (default value = true): If “true” stop loss follows the price with a specific distance when the price advances in the trade’s direction. The exact behavior of this feature varies from one currency pair to another.
 - **_move_to_mid_TP** (default value = true): If “true” stop loss moves to somewhere in the middle of open price to take profit value when the price significantly moves in the trade’s direction. The exact behavior of this feature varies from one currency pair to another.
 - **_compromise_TP** (default value = varies): If “true” take profit moves to break-even point or near to break-even point when the price moves in the opposite direction of the trade. The exact behavior of this feature varies from one currency pair to another.
 - **_neg_TS_available** (default value = varies): If “true” take profit follows the price with a specific distance when the price moves in the opposite direction of the trade. The exact behavior of this feature varies from one currency pair to another.
 - **_move_to_mid_SL** (default value = varies): If “true” take profit moves to somewhere in the middle of open price to stop loss value when the price significantly moves in the opposite direction of the trade. The exact behavior of this feature varies from one currency pair to another.
 - **_manage_multi_trades** (default value = true): The variable could be “true” or “false” to enable or disable multi trade manager respectively.
 - **profit_cap**: (default value = varies): The minimum ratio of the open profit on multiple trades to the account balance in order to close the trades. This ratio is stated in percentage. For example 8 means, 8%. As an example if this value is 8 and your account balance is \$1000.00 the multi trades manager closes all GBPJPY trades if the open profit by all these trades reaches \$80.00. Note that multi trades manager built into

PipBoxer EAs consider all trades opened on one pair only. It also considers both swap and profit/loss combined.

- **loss_cap** (default value = varies): The minimum ratio of the open loss on multiple trades to the account balance in order to close the trades. This ratio is stated in percentage. For example 5 means, 5%.
- **cap_dollar_flex** (default value = varies): It considers a dollar value to enhance the behavior of multi trades manager. For example if your account balance is \$5000.00 and your "profit_cap" is 5 then multi trades manager closes trades if the open profit is equal or more than \$250.00 (or rather 5% of the account balance). Now if the value of "cap_dollar_flex" is 10, then multi trades manager closes the trades when the open profit is \$240.00 or more (i.e. 250-10). In other words "cap_dollar_flex" narrows the range to capture the moment. "cap_dollar_flex" works the same way if you are facing a negative float (or rather open loss). **If your account balance is less than \$3000.00 make sure to change the value of this variable to 0.**



The variables affect the EA attached to the current chart. If you want to change a variable for all of the pairs you need to change it for every EA one by one.

Terms, Conditions, and Disclaimer

Terms and Conditions:

You can always find the latest version of our terms and conditions on <http://www.pipboxer.com/policy.php>. We update the text from time to time. We always consider the latest version of our policy to be in effect.

Disclaimer:

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Moreover, the leveraged nature of FX trading means that any market movement will have an equally proportional effect on your deposited funds. This may work against you as well as for you. The possibility exists that you could sustain a total loss of initial margin funds and your position will be liquidated and you will be responsible for any resulting losses. Investors are recommended to lower exposure to risk by employing risk-reducing strategies such as 'stop-loss' or 'limit' orders. Investatech Inc., PipBoxer.com and/or the author of PipBoxer Expert Advisors (i.e. Al Parsai/aparsai/pipboxer/Al Parsai) and strategy will not be held responsible for the reliability or accuracy of the information available on this ad/presentation. The content provided is put forward in good faith and believed to be accurate, however, there are no explicit or implicit warranties of accuracy or timeliness made by Investatech Inc., PipBoxer.com and/or aparsai/pipboxer/Al Parsai.

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