

PropFirmPass EA Documentation

Version: 2.00

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Prop Firm Challenge (Top Priority)

Starting balance (account currency, 0 = use current balance): Sets the challenge baseline. If 0, the EA uses current account balance. If >0, it forces that value as the baseline for all profit/drawdown calculations.

Max daily equity loss (%): Daily loss limit (percent) computed from the daily start balance versus current equity.

Max overall equity loss (%): Overall loss limit (percent) computed from the challenge starting balance versus current equity.

Profit target (%): Profit target (percent) computed from the challenge starting balance.

Buffer (%) for loss/target thresholds: Extra buffer added to loss/target thresholds for safety.

Close positions on limit breach: If true, closes positions and cancels pending orders when a limit is hit.

Reset stats (set true once, then false): Clears stored baseline/locks/daily stats on next init.

true: 0.05 = 5%: Interprets percent inputs as fractions when enabled.

Ignore profit target actions (EA keeps trading): If true, profit target actions are ignored and the EA keeps trading.

Pause trading when daily DD hits threshold: Enables a cooldown when daily drawdown reaches the specified threshold.

Daily DD % trigger (0=disabled): The daily drawdown % that triggers the cooldown pause.

Pause duration in days: How many days to pause when the daily DD cooldown triggers.

Action when profit target reached: Action when the profit target is reached (lock, reset, or pause for a day).

Entry Randomization Max random offset for buy stop (points): Random points added to buy-stop entry for entry diversification.

Entry Randomization Max random offset for sell stop (points): Random points subtracted from sell-stop entry for entry diversification.

Broker Setup

Max spread (points): Maximum spread allowed before placing orders.

Slippage for closes (points): Slippage used when closing positions.

Require broker/symbol checks before trading: Validates symbol trade settings and tick data before trading.

Auto-adjust entry/SL/TP to broker stop levels: Automatically adjusts entry/SL/TP to broker stop and freeze levels.

Manual override of min stop distance (points): Override for minimum stop distance if broker misreports.

Extra safety buffer added to stop distance (points): Adds a small safety buffer to stop distance.

Extra points added on retry after invalid stops/price: Extra distance added when retrying after invalid stops/price.

Risk Settings

Fixed lots when risk % = 0: Fixed lot size when risk percent is 0.

Risk % of balance (0 = fixed lots): Risk percent of balance per trade.

Strategy

Timeframe: Timeframe used for signal calculations.

Pullback size (candles): Pullback size in candles for swing detection.

Scan depth (bars): Maximum bars scanned for swing points.

Minimum bars required: Minimum bars required before trading starts.

Pending order expiration (hours, 0=GTC): Pending order expiration.

Min distance from opposite pending order (points): Minimum distance from opposite pending order/position.

Daily reset hour (server time): Daily reset hour for daily loss baseline.

Daily reset minute: Daily reset minute for daily loss baseline.

Trade Management

Take profit (points, 0=disabled): Take profit distance in points (0 = disabled).

Stop loss (points): Stop loss distance in points.

Trailing trigger (points): Trailing stop trigger distance in points.

Trailing distance (points): Trailing stop distance in points.

Trading Schedule (Server Time)

Trade Monday: Allow trading on Monday.

Trade Tuesday: Allow trading on Tuesday.

Trade Wednesday: Allow trading on Wednesday.

Trade Thursday: Allow trading on Thursday.

Trade Friday: Allow trading on Friday.

Trade Saturday: Allow trading on Saturday.

Trade Sunday: Allow trading on Sunday.

Trade start hour: Start hour of trading window.

Trade start minute: Start minute of trading window.

Trade end hour: End hour of trading window.

Trade end minute: End minute of trading window.

Cancel pending outside hours: Cancels pending orders outside the trading window.

Chart Display

Show chart comments (improves tester speed): Enables/disables on-chart comments.

Deprecated: comments use standard size: Label mode is deprecated; comments use the standard chart size.

Arial: Reserved for label mode (kept for compatibility).

Font size: Reserved for label mode (kept for compatibility).

Font color: Reserved for label mode (kept for compatibility).

Chart corner: Reserved for label mode (kept for compatibility).

X: Reserved for label mode (kept for compatibility).

Y: Reserved for label mode (kept for compatibility).

Trade ID

Magic number: Magic number used to identify EA orders and positions.

Notes

All distance inputs are in points and converted using the broker's tick size and digits.

Trading hours and daily reset use server time, which may differ from local time.

If you change Starting balance after first attach, set Reset stats to true once to refresh baseline.