

ORB Evolution - Parameterreferenz V2.4

Diese Referenz wurde direkt gegen die aktuellen input-Kommentare des EA abgeglichen. Die Spalte **Parameter** entspricht damit den sichtbaren Bezeichnungen in der MT5-Eingabemaske.

Enthalten sind aktuell **351 Parameter** inklusive Profile und Visualisierung.

Single-Symbol Classification

Parameter	Standardwert	Typ
Asset Category	ASSET_UNKNOWN	Auswahl
Range session reference (UTC=Wintertime)	SESSION_UNKOWN	Auswahl
Trade session reference (UTC=Wintertime)	SESSION_UNKOWN	Auswahl

ORB Timing Settings

Parameter	Standardwert	Typ
Range start mode	ORB_RANGE_START_MIDNIGHT_OFFSET	Auswahl
Range start offset [min from selected anchor]	0	Ganzzahl
Range Build Duration [min]	30	Ganzzahl
Trade start mode	ORB_TRADE_START_AFTER_RANGE_END	Auswahl
Trade start offset [min from selected anchor]	0	Ganzzahl
Trade Window Duration [min]	90	Ganzzahl
Continuation: Chase window (0=off) [min]	0	Ganzzahl

Broker Time Conversion

Parameter	Standardwert	Typ
Broker UTC winter offset [h] (-1=auto not in tester)	-1	Ganzzahl
Broker DST mode	BROKER_DST_US	Auswahl

Session-Management

Parameter	Standardwert	Typ
Enable News-Guard	true	Schalter
One trade per day	true	Schalter
Close on end of day	true	Schalter
Fixed daily close time (0=off) [min from midnight]	0	Ganzzahl
Close on selected session end	false	Schalter

Hinweis: Range session reference wird zwingend benötigt, wenn Range start mode = ORB_RANGE_START_SESSION_OPEN genutzt wird. Trade session reference wird zwingend benötigt, wenn Trade start mode = ORB_TRADE_START_SESSION_OPEN oder Close on selected session end = true gesetzt ist.

Timeframe Settings

Parameter	Standardwert	Typ
Breakout Timeframe	PERIOD_M15	Auswahl

Parameter	Standardwert	Typ
Context ATR Timeframe	PERIOD_M15	Auswahl
ADX Timeframe	PERIOD_M15	Auswahl

Signal Quality Bar

Parameter	Standardwert	Typ
Decision bar source	BASE_TF_BAR	Auswahl
Decision timeframe mode	TF_AUTO	Auswahl
Decision timeframe (custom mode)	PERIOD_M15	Auswahl

Hinweis: Bei **ROLLING_HTF_BAR** wird die Decision-Bar aus einem exakten Zeitfenster des BaseTF aufgebaut. Fehlt innerhalb dieses Fensters auch nur ein erforderlicher BaseTF-Bar, gilt die synthetische HTF-Bar als ungültig und wird nicht über Gaps gestreckt.

General Setup Settings

Parameter	Standardwert	Typ
Active Breakout Setup	ORB_SETUP_AB	Auswahl
Require Close Outside Range	true	Schalter
ATR Period	14	Ganzzahl
ADX Period	14	Ganzzahl

Acceptance Breakout

Parameter	Standardwert	Typ
AB extra confirm floor [bars] (0=off)	0	Ganzzahl
Tier B extra confirms [bars] (-1=reject, 0=direct)	1	Ganzzahl
Tier C extra confirms [bars] (-1=reject, 0=direct)	2	Ganzzahl
Allow AB continuation	true	Schalter
AB to PR handoff mode	AB_PR_HANDOFF_OFF	Auswahl

Signal Candle Quality (0 = off)

Parameter	Standardwert	Typ
Candle quality: min close location [%]	0.0	Dezimalwert
Candle quality: min full range [x signal ATR]	0.0	Dezimalwert
Candle quality: min body share [%]	0.0	Dezimalwert

Breakout Displacement (0 = off)

Parameter	Standardwert	Typ
Displacement: min close distance [points]	0.0	Dezimalwert
AB_TRUE displacement: min close distance [x signal ATR]	0.0	Dezimalwert

Continuation Trend (EMA)

Parameter	Standardwert	Typ
CONT trend gate: EMA period (DecisionTF)	21	Ganzzahl

Parameter	Standardwert	Typ
CONT trend gate: slope lookback [bars]	5	Ganzzahl
CONT trend gate: min EMA slope [x DecisionTF ATR]	0.05	Dezimalwert
CONT trend gate: min push vs EMA [x DecisionTF ATR]	0.02	Dezimalwert

Continuation Structure

Parameter	Standardwert	Typ
CONT max chase [x DecisionTF ATR]	0.0	Dezimalwert
CONT structure: use pullback check	false	Schalter
CONT structure: use push check	false	Schalter
CONT pullback lookback [bars]	6	Ganzzahl
CONT pullback pivot span [bars]	1	Ganzzahl
CONT push lookback [bars]	3	Ganzzahl
CONT min pullback impulse [x DecisionTF ATR]	0.0	Dezimalwert
CONT min net push [x DecisionTF ATR]	0.0	Dezimalwert

Pullback Retest

Parameter	Standardwert	Typ
PR max inside close penetration [% of ORB range]	30.0	Dezimalwert
PR max retest bars [bars]	4	Ganzzahl
PR max trigger wait bars [bars]	3	Ganzzahl
PR min outside extension for outside-established marker [x DecisionTF ATR]	0.0	Dezimalwert
PR min trigger body size [x DecisionTF ATR]	0.0	Dezimalwert
PR episode reset after N consecutive closes back inside [bars]	2	Ganzzahl

Confirmation Acceleration

Parameter	Standardwert	Typ
Confirm accel: swing lookback [bars]	3	Ganzzahl
Confirm accel: min swing impulse [x DecisionTF ATR]	0.0	Dezimalwert

Range Quality Filters (0 = off)

Parameter	Standardwert	Typ
Min ORB Range [points]	0.0	Dezimalwert
Max ORB Range [points]	0.0	Dezimalwert
Min ORB Range vs Context ATR [%]	0.0	Dezimalwert
Max ORB Range vs Context ATR [%]	0.0	Dezimalwert
Max spread vs final SL distance [%]	4.0	Dezimalwert

Range Tier - Adaptive Width

Parameter	Standardwert	Typ
Enable adaptive Range Tier [on/off]	false	Schalter
Lookback days for history [days]	120	Ganzzahl
Range low extreme (Tier C) [%ile, 0..100]	10	Ganzzahl

Parameter	Standardwert	Typ
Range low (Tier B) [%ile, 0..100]	25	Ganzzahl
Range high (Tier B) [%ile, 0..100]	75	Ganzzahl
Range high extreme (Tier C) [%ile, 0..100]	90	Ganzzahl

Range Tier: Structure (Chop/Balance)

Parameter	Standardwert	Typ
Include range structure (chop/balance) [on/off]	false	Schalter
Mid deadband as % of ORB range (0=off) [%]	0.0	Dezimalwert
Mid deadband in points (0=off) [points]	0.0	Dezimalwert
Chop percentile threshold for Tier B [%ile, 0..100]	75	Ganzzahl
Chop percentile threshold for Tier C [%ile, 0..100]	90	Ganzzahl

ADR / Overextension (Daily)

Parameter	Standardwert	Typ
ADR period [days]	14	Ganzzahl
Ignore Sunday	false	Schalter
Warning threshold [%, used]	60.0	Dezimalwert
Limit threshold [%, used]	75.0	Dezimalwert
Hard block threshold [%, used]	90.0	Dezimalwert
Risk multiplier in ADR warn state [x]	0.75	Dezimalwert
Risk multiplier in ADR limit state [x]	0.50	Dezimalwert
Live emergency block threshold [%, used]	95.0	Dezimalwert

Risk- & Position Management

Parameter	Standardwert	Typ
Max. Risk Per Trade [%]	1.0	Dezimalwert
Risk-Reward Ratio (TP = SL × RR)	1.8	Dezimalwert
Stop-Loss to Range Ratio (1 = Full Range)	1.0	Dezimalwert
Stop-loss anchor point	SL_ANCHOR_ENTRY	Auswahl

Risk: Tier Multipliers

Parameter	Standardwert	Typ
Tier S risk multiplier [x]	1.0	Dezimalwert
Tier B risk multiplier [x]	1.0	Dezimalwert
Cap risk at 1.0x if confirmation need >= 1 [on/off]	true	Schalter

Adaptive Width Sizing: Percentiles

Parameter	Standardwert	Typ
Width threshold: very small = 0..this [%ile, 0..100]	10	Ganzzahl
Width threshold: small = very small..this [%ile, 0..100]	25	Ganzzahl
Width threshold: large = this..very large [%ile, 0..100]	75	Ganzzahl
Width threshold: very large = this..100 [%ile, 0..100]	90	Ganzzahl

Adaptive Width Sizing: SL Multipliers

Parameter	Standardwert	Typ
SL multiplier for very small width bucket [x base SL]	1.20	Dezimalwert
SL multiplier for small width bucket [x base SL]	1.10	Dezimalwert
SL multiplier for large width bucket [x base SL]	0.90	Dezimalwert
SL multiplier for very large width bucket [x base SL]	0.80	Dezimalwert

Adaptive Width Sizing: RR Multipliers

Parameter	Standardwert	Typ
RR multiplier for very small width bucket [x base RR]	1.10	Dezimalwert
RR multiplier for small width bucket [x base RR]	1.05	Dezimalwert
RR multiplier for large width bucket [x base RR]	0.95	Dezimalwert
RR multiplier for very large width bucket [x base RR]	0.90	Dezimalwert

Trade Lifetime & Stagnation

Parameter	Standardwert	Typ
Min ATR Progress (Alive Check) [x Context ATR]	0.30	Dezimalwert
Max Trade Duration [min]	0	Ganzzahl
Dead Trade Timeout [min]	0	Ganzzahl
TRF Extension [min]	5	Ganzzahl
TRF ADX Threshold [value]	15.0	Dezimalwert

Multi-Symbol - Settings

Parameter	Standardwert	Typ
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Exposure Overlay (Symbol-Level Entry Gate + Risk Mod)

Parameter	Standardwert	Typ
Exposure Mode	SYMBOL_EXPOSURE_NONE	Auswahl

Exposure | Rules

Parameter	Standardwert	Typ
Same-Direction Winner Action	SAME_DIR_WIN_REJECT	Auswahl
Same-Direction Loser Action	SAME_DIR_LOSS_REJECT	Auswahl
Opposite-Direction Action	OPP_DIR_REJECT	Auswahl
Neutral Action	NEUTRAL_SCALE_RISK	Auswahl

Exposure | Thresholds

Parameter	Standardwert	Typ
Winner Threshold [R]	0.30	Dezimalwert
Loser Threshold [R]	0.20	Dezimalwert
Use DecisionTF ATR Thresholds	false	Schalter

Parameter	Standardwert	Typ
Winner Threshold [x DecisionTF ATR]	0.50	Dezimalwert
Loser Threshold [x DecisionTF ATR]	0.30	Dezimalwert

Exposure | Risk

Parameter	Standardwert	Typ
Winner Add-On Risk Multiplier [x]	0.25	Dezimalwert
Scale-In Base Risk Multiplier [x]	0.50	Dezimalwert
Scale-In Risk Decay per Layer [x]	0.50	Dezimalwert
Neutral Risk Multiplier [x]	1.00	Dezimalwert

Exposure | Scale-In Limits

Parameter	Standardwert	Typ
Max Layers per Symbol [count]	2	Ganzzahl
Max Total Risk per Symbol [%]	1.0	Dezimalwert
Layer Distance Basis	LAYER_DIST_RANGE_TR	Auswahl
Min Layer Distance Multiplier [x]	0.50	Dezimalwert

Profiles / Multi-Symbol-Configurations

Jeder Profiltteil ist ein eigener MT5-Input. Leere Teile werden beim Laden ignoriert und die Teile 1 bis 10 werden pro Slot intern wieder zusammengesetzt.

Enthalten sind aktuell **350 Parameter** inklusive Profile und Visualisierung.

Parameter	Standardwert	Typ
Enable Multi-Symbol	false	Schalter
Active Configurations [1;2;3...]	""	Text
Profile 01 (part 1)	""	Text
Profile 01 (part 2)	""	Text
Profile 01 (part 3)	""	Text
Profile 01 (part 4)	""	Text
Profile 01 (part 5)	""	Text
Profile 01 (part 6)	""	Text
Profile 01 (part 7)	""	Text
Profile 01 (part 8)	""	Text
Profile 01 (part 9)	""	Text
Profile 01 (part 10)	""	Text
Profile 02 (part 1)	""	Text
Profile 02 (part 2)	""	Text
Profile 02 (part 3)	""	Text
Profile 02 (part 4)	""	Text
Profile 02 (part 5)	""	Text
Profile 02 (part 6)	""	Text
Profile 02 (part 7)	""	Text
Profile 02 (part 8)	""	Text
Profile 02 (part 9)	""	Text

Parameter	Standardwert	Typ
Profile 02 (part 10)	""	Text
Profile 03 (part 1)	""	Text
Profile 03 (part 2)	""	Text
Profile 03 (part 3)	""	Text
Profile 03 (part 4)	""	Text
Profile 03 (part 5)	""	Text
Profile 03 (part 6)	""	Text
Profile 03 (part 7)	""	Text
Profile 03 (part 8)	""	Text
Profile 03 (part 9)	""	Text
Profile 03 (part 10)	""	Text
Profile 04 (part 1)	""	Text
Profile 04 (part 2)	""	Text
Profile 04 (part 3)	""	Text
Profile 04 (part 4)	""	Text
Profile 04 (part 5)	""	Text
Profile 04 (part 6)	""	Text
Profile 04 (part 7)	""	Text
Profile 04 (part 8)	""	Text
Profile 04 (part 9)	""	Text
Profile 04 (part 10)	""	Text
Profile 05 (part 1)	""	Text
Profile 05 (part 2)	""	Text
Profile 05 (part 3)	""	Text
Profile 05 (part 4)	""	Text
Profile 05 (part 5)	""	Text
Profile 05 (part 6)	""	Text
Profile 05 (part 7)	""	Text
Profile 05 (part 8)	""	Text
Profile 05 (part 9)	""	Text
Profile 05 (part 10)	""	Text
Profile 06 (part 1)	""	Text
Profile 06 (part 2)	""	Text
Profile 06 (part 3)	""	Text
Profile 06 (part 4)	""	Text
Profile 06 (part 5)	""	Text
Profile 06 (part 6)	""	Text
Profile 06 (part 7)	""	Text
Profile 06 (part 8)	""	Text
Profile 06 (part 9)	""	Text
Profile 06 (part 10)	""	Text
Profile 07 (part 1)	""	Text
Profile 07 (part 2)	""	Text
Profile 07 (part 3)	""	Text
Profile 07 (part 4)	""	Text
Profile 07 (part 5)	""	Text

Parameter	Standardwert	Typ
Profile 07 (part 6)	""	Text
Profile 07 (part 7)	""	Text
Profile 07 (part 8)	""	Text
Profile 07 (part 9)	""	Text
Profile 07 (part 10)	""	Text
Profile 08 (part 1)	""	Text
Profile 08 (part 2)	""	Text
Profile 08 (part 3)	""	Text
Profile 08 (part 4)	""	Text
Profile 08 (part 5)	""	Text
Profile 08 (part 6)	""	Text
Profile 08 (part 7)	""	Text
Profile 08 (part 8)	""	Text
Profile 08 (part 9)	""	Text
Profile 08 (part 10)	""	Text
Profile 09 (part 1)	""	Text
Profile 09 (part 2)	""	Text
Profile 09 (part 3)	""	Text
Profile 09 (part 4)	""	Text
Profile 09 (part 5)	""	Text
Profile 09 (part 6)	""	Text
Profile 09 (part 7)	""	Text
Profile 09 (part 8)	""	Text
Profile 09 (part 9)	""	Text
Profile 09 (part 10)	""	Text
Profile 10 (part 1)	""	Text
Profile 10 (part 2)	""	Text
Profile 10 (part 3)	""	Text
Profile 10 (part 4)	""	Text
Profile 10 (part 5)	""	Text
Profile 10 (part 6)	""	Text
Profile 10 (part 7)	""	Text
Profile 10 (part 8)	""	Text
Profile 10 (part 9)	""	Text
Profile 10 (part 10)	""	Text
Profile 11 (part 1)	""	Text
Profile 11 (part 2)	""	Text
Profile 11 (part 3)	""	Text
Profile 11 (part 4)	""	Text
Profile 11 (part 5)	""	Text
Profile 11 (part 6)	""	Text
Profile 11 (part 7)	""	Text
Profile 11 (part 8)	""	Text
Profile 11 (part 9)	""	Text
Profile 11 (part 10)	""	Text
Profile 12 (part 1)	""	Text

Parameter	Standardwert	Typ
Profile 12 (part 2)	""	Text
Profile 12 (part 3)	""	Text
Profile 12 (part 4)	""	Text
Profile 12 (part 5)	""	Text
Profile 12 (part 6)	""	Text
Profile 12 (part 7)	""	Text
Profile 12 (part 8)	""	Text
Profile 12 (part 9)	""	Text
Profile 12 (part 10)	""	Text
Profile 13 (part 1)	""	Text
Profile 13 (part 2)	""	Text
Profile 13 (part 3)	""	Text
Profile 13 (part 4)	""	Text
Profile 13 (part 5)	""	Text
Profile 13 (part 6)	""	Text
Profile 13 (part 7)	""	Text
Profile 13 (part 8)	""	Text
Profile 13 (part 9)	""	Text
Profile 13 (part 10)	""	Text
Profile 14 (part 1)	""	Text
Profile 14 (part 2)	""	Text
Profile 14 (part 3)	""	Text
Profile 14 (part 4)	""	Text
Profile 14 (part 5)	""	Text
Profile 14 (part 6)	""	Text
Profile 14 (part 7)	""	Text
Profile 14 (part 8)	""	Text
Profile 14 (part 9)	""	Text
Profile 14 (part 10)	""	Text
Profile 15 (part 1)	""	Text
Profile 15 (part 2)	""	Text
Profile 15 (part 3)	""	Text
Profile 15 (part 4)	""	Text
Profile 15 (part 5)	""	Text
Profile 15 (part 6)	""	Text
Profile 15 (part 7)	""	Text
Profile 15 (part 8)	""	Text
Profile 15 (part 9)	""	Text
Profile 15 (part 10)	""	Text
Profile 16 (part 1)	""	Text
Profile 16 (part 2)	""	Text
Profile 16 (part 3)	""	Text
Profile 16 (part 4)	""	Text
Profile 16 (part 5)	""	Text
Profile 16 (part 6)	""	Text
Profile 16 (part 7)	""	Text

Parameter	Standardwert	Typ
Profile 16 (part 8)	""	Text
Profile 16 (part 9)	""	Text
Profile 16 (part 10)	""	Text
Profile 17 (part 1)	""	Text
Profile 17 (part 2)	""	Text
Profile 17 (part 3)	""	Text
Profile 17 (part 4)	""	Text
Profile 17 (part 5)	""	Text
Profile 17 (part 6)	""	Text
Profile 17 (part 7)	""	Text
Profile 17 (part 8)	""	Text
Profile 17 (part 9)	""	Text
Profile 17 (part 10)	""	Text
Profile 18 (part 1)	""	Text
Profile 18 (part 2)	""	Text
Profile 18 (part 3)	""	Text
Profile 18 (part 4)	""	Text
Profile 18 (part 5)	""	Text
Profile 18 (part 6)	""	Text
Profile 18 (part 7)	""	Text
Profile 18 (part 8)	""	Text
Profile 18 (part 9)	""	Text
Profile 18 (part 10)	""	Text
Profile 19 (part 1)	""	Text
Profile 19 (part 2)	""	Text
Profile 19 (part 3)	""	Text
Profile 19 (part 4)	""	Text
Profile 19 (part 5)	""	Text
Profile 19 (part 6)	""	Text
Profile 19 (part 7)	""	Text
Profile 19 (part 8)	""	Text
Profile 19 (part 9)	""	Text
Profile 19 (part 10)	""	Text
Profile 20 (part 1)	""	Text
Profile 20 (part 2)	""	Text
Profile 20 (part 3)	""	Text
Profile 20 (part 4)	""	Text
Profile 20 (part 5)	""	Text
Profile 20 (part 6)	""	Text
Profile 20 (part 7)	""	Text
Profile 20 (part 8)	""	Text
Profile 20 (part 9)	""	Text
Profile 20 (part 10)	""	Text

Global Settings

Parameter	Standardwert	Typ
Protect Margin Level (Pre-Trade Check)	true	Schalter
Log Level (0 = Errors Only)	0	Ganzzahl
Enable Journal Logging	true	Schalter
Try load/save history (best effort)	true	Schalter

Hinweis: Diese Option betrifft auch die adaptive RangeTier-Historie. Nach Format- oder Logikänderungen kann der EA bestehende History-Dateien bewusst ignorieren und die Daten neu aus dem Markt rekonstruieren.

Visualization - Settings

Parameter	Standardwert	Typ
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Visualization: ORB Range Boxes

Parameter	Standardwert	Typ
Show ORB Boxes	false	Schalter
Update Trade Box Each Bar	true	Schalter
Max Visualizations Per Symbol (0 = unlimited)	20	Ganzzahl
Range Phase Box Color	clrDodgerBlue	Farbe
Trade Phase Box Color	clrOrangeRed	Farbe
Trade Range Band Color	clrSlateGray	Farbe
Range Phase Box Color (Quality Fail)	clrFireBrick	Farbe
News-Time Color	clrGold	Farbe
Draw Boxes Behind Candles	true	Schalter
Keep Box History (Do Not Delete)	true	Schalter
Show ORB Range Band During Trade Window	true	Schalter

Visualization: Levels & Stats

Parameter	Standardwert	Typ
Show SL/TP Levels	true	Schalter
SL Line Color	clrFireBrick	Farbe
TP Line Color	clrSeaGreen	Farbe
Level Line Style	STYLE_SOLID	Auswahl
Level Line Width (1..5)	1	Ganzzahl
Show Range/ATR Stats Panel	true	Schalter
Stats Font Size	9	Ganzzahl
Stats Text Color	clrWhite	Farbe