

Euronext Derivatives Markets: Trading Procedures

Annexe Two – Recognised Strategies

1. Euronext Trading Platform

The table below lists the recognised strategies (including volatility trades) that may be traded on Euronext Trading Platform. The components of a strategy (whether a buy or sell order) **must always** be created from the **BUY** perspective, as defined below.

This appendix provides a list of all strategies that are supported by Optiq in their general setup.

Exact list of strategies that are enabled on individual contracts should be retrieved from the daily Contract Standing Data file.

The type of Implied Model (EDIM or SIM) setup for individual contracts should also be retrieved from the daily Contract Standing Data file.

2. Strategy Leg Trades:

Trades that occur on strategies, whether with implieds or without, may result in trades on the legs of the strategy (outrights) with different granularity than the one of the strategy or the outright. These strategy leg trades will still have the same number of decimals that are assigned to the tick value, but would not be equivalent to the tick value for the price range.

The cases where this occurs are:

- 1) Pricing of an Outright, following a trade of a strategy vs. strategy without implied pricing
- 2) Pricing of an Outright, following a trade in a strategy, with implied pricing

In both of these cases Optiq first checks that trade on the strategy is within the Collars of the strategy, and when calculating the prices of the resulting trade on the Outrights to fit within the Collars or BBO of the Outright book. The goal of the approach is to maximise the number of trades that occur within the limits of the Outrights. To achieve the calculation, the price of the Outright trade attempts to meet the conditions identified in the strategy, and fit it within the best suited price between the Collars or BBO in the Outright book at the moment of the trade.

For the outright, these trades are communicated in Market Data with trade type “Strategy Leg Conventional Trade”. If desired, such trades could be filtered out of the market data feed.

This calculation does not apply to trades of an Outright vs. Outright.

For more details on the implied models supported by Optiq, for the functional details of handling and management of Strategies, please review the “How the Market Works” document and for the technical details please review the Euronext technical message and kinematics specifications documentation.

GENERAL DESCRIPTION OF STRATEGIES

Strategy Name	Optiq strategy Code	Futures / Options	STRATEGY STRUCTURE - Buy perspective (Sequence in which the strategy order must always be entered, irrespective of whether it is a buy or sell order)
Jelly Roll	A	OPT	Sell call, buy put at same strike in near month, buy call, sell put at same strike in far month. (Strike price in far month need not equal strike price in near month.)
Call Butterfly	B	OPT	Buy call, sell two calls at higher strikes, buy call at a higher strike. (The strikes do not have to be consecutive and the gaps between them do not have to be equal.)
Put Butterfly	B	OPT	Buy put, sell two puts at higher strikes, buy put at a higher strike. (The strikes do not have to be consecutive and the gaps between them do not have to be equal.)
Butterfly	B	FUT	Buy near contract month, sell two contracts in far month, buy one contract in yet farther month. (The delivery months and the gaps between them do not have to be equal.)
Call Spread	D	OPT	Buy call, sell any call (same month) at higher strike.
Put Spread	D	OPT	Buy put, sell any put (same month) lower strike.
Call Calendar Spread	E	OPT	Sell near month call, buy far month call (same strikes across the two months).
Put Calendar Spread	E	OPT	Sell near month put, buy far month put (same strikes across the two months).
Calendar Spread	E	FUT	Buy near month, sell far month.
Call Diagonal Calendar Spread	F	OPT	Sell near month call, buy any far month call at a different strike.
Put Diagonal Calendar Spread	F	OPT	Sell near month put, buy any far month put at a different strike
Guts	G	OPT	Buy call, buy put at higher strike.
2x1 Ratio Call Spread	H	OPT	Sell call, buy two calls at higher strike.
2x1 Ratio Put Spread	H	OPT	Sell put, buy two puts at lower strike.
2x1 Ratio Combo Put	H	OPT	Sell one call, buy two put at a lower strike, same expiry
2x1 Ratio Combo Call	H	OPT	Sell two call, buy one put at a lower strike, same expiry
Iron Butterfly	I	OPT	Buy the , sell the strangle. This must be entered in the following sequence, which equates to the same: sell put, buy put and call at higher strike, sell call at a higher strike. (The strikes do not have to be consecutive and the gaps between them do not have to be equal.)
Combo	J	OPT	Sell call, buy put at lower strike.

Strategy Name	Optiq strategy Code	Futures / Options	STRATEGY STRUCTURE - Buy perspective (Sequence in which the strategy order must always be entered, irrespective of whether it is a buy or sell order)
Combo Put Calendar Spread	J	OPT	Sell far month call, buy near month put, same strike
Combo Put Diagonal Calendar Spread	J	OPT	Sell far month call, buy near month put at a lower strike
Strangle	K	OPT	Buy put, buy call at higher strike.
Call Ladder	L	OPT	Buy call, sell call at higher strike, sell call at even higher strike. (The strikes do not have to be consecutive and the gaps between them do not have to be equal.)
Put Ladder	L	OPT	Sell put, sell put at higher strike, buy put at even higher strike. (The strikes do not have to be consecutive and the gaps between them do not have to be equal.)
Strip	M	FUT	Buy two or more consecutive delivery months. (The individual legs have the same volume.)
Call Strip	M	OPT	Buy between three and eight calls. The strikes and expiry months do not need to be the same but strikes must be entered in ascending order. Expiries can be either ascending or the same
Put Strip	M	OPT	Buy between three and eight puts. The strikes and expiry months do not need to be the same but strikes must be entered in ascending order. Expiries can be either ascending or the same
Straddle Strip	M	OPT	Buy between two and four straddles in one or more expiry months. (Must be entered as buy call, buy put with strikes and expiry months entered in ascending order.)
Straddle Calendar Spread	N	OPT	Sell Straddle in near month, buy Straddle in far month at same strike. (Sell near month put, sell near month call, buy far put, buy far call.)
Pack	O	FUT	Buy four consecutive quarterly delivery months in the same delivery year. (The same volume must be traded in each delivery month and the delivery months must be consecutive.)
Diagonal Straddle Calendar Spread	P	OPT	Sell Straddle in near month, buy Straddle in far month at different strike: sell near month put, sell near month call, buy far month put, buy far month call.
Reversal/ Conversion	R	OPT	Reversal: Buy call, sell put at same strike, sell Underlying. To trade a Conversion the order must be entered in the same sequence as above, but submitted to the market as a sell/offer order.
Straddle	S	OPT	Buy put, buy call at same strike.
ICS one-sided combination same expiry	T	FUT	Buy one maturity of leg 1 and buy the same maturity of leg 2 → New suggestion: Buy one maturity of Futures Contract 1 (Leg1), buy the same maturity of Futures Contract 2 (Leg 2)

Strategy Name	Optiq strategy Code	Futures / Options	STRATEGY STRUCTURE - Buy perspective (Sequence in which the strategy order must always be entered, irrespective of whether it is a buy or sell order)
ICS two-sided combination same expiry	U	FUT	Buy one maturity of leg 1 and sell the same maturity of leg 2 → New suggestion: Buy one maturity of Futures Contract 1 (Leg1), sell the same maturity of Futures Contract 2 (Leg 2)
Condor	W	OPT	Buy put (call), sell put (call) at two even higher strikes, buy put (call) at yet higher strike. (The strikes do not have to be consecutive and the gaps between them do not have to be equal.)
Condor	W	FUT	Buy near month, sell later month, sell yet later month and buy later month still. (The delivery months do not have to be consecutive and the gaps between them do not have to be equal.)
Iron Condor	w	OPT	Sell put, buy put at higher strike, buy call at even higher strike, sell call at even higher strike. (All series in the same expiry month.)
Box	X	OPT	Buy call and sell put, buy put and sell call at higher strike.
Synthetic Underlying	r	OPT	This is a standard conversion/reversal strategy but without the Underlying leg. Reversal: buy a call, sell a put at the same strike. To trade a Conversion the order must be entered in the same sequence as above, but submitted to the market as a sell/offer order.
3-Way: Buy a Call spread versus a Put	x	OPT	Buy a Call spread versus selling a put: buy a call, sell a call at a higher strike, sell a put at any strike.
3-Way: Buy a Put spread versus a Call	y	OPT	Buy a Put spread versus selling a call: buy a put, sell a put at a lower strike, sell a call at any strike.
Bundle	Y	FUT	Buy a series of quarterly delivery months of a contract where the first contract in any bundle is the first (near dated) quarterly delivery months. Four possible maturities: 2 year (whites and reds) 3 year (whites, reds and greens) 4 year (whites, reds, greens and blues) and 5 year (whites, reds, greens, blues and golds). (Each leg must be for the same volume and in consecutive delivery months.)
3-Way: Straddle versus a Call	z	OPT	Buy a Straddle versus selling a call: buy a put and call at the same strike, as well as selling a call at any strike.
3-Way: Straddle versus a Put	z	OPT	Buy a Straddle versus selling a put: buy the straddle (i.e. buy a put and call at the same strike), as well as selling a put at any strike.
Call Spread Vs Put	1	OPT	Sell put at lower strike of a maturity, buy call at higher strike of a lower maturity than leg 1 and sell call at higher strike of the same leg 2 maturity
Put Spread Vs Call	1	OPT	Sell call at higher strike of a maturity, buy put at lower strike of a lower maturity than leg 1 and sell put at lower strike of the same leg 2 maturity

Strategy Name	Optiq strategy Code	Futures / Options	STRATEGY STRUCTURE - Buy perspective (Sequence in which the strategy order must always be entered, irrespective of whether it is a buy or sell order)
Put Spread Ratio	2	OPT	Sell put at lower strike and buy put at higher strike with any ratio per leg
Call Spread Ratio	2	OPT	Sell call at higher strike and buy call at lower strike with any ratio per leg

VOLATILITY STRATEGIES

All Volatility strategies are applicable to Options Contracts only, and only with “Day” validity.

Strategy Name	Optiq strategy Code	Futures / Options	STRATEGY STRUCTURE - Buy perspective (Sequence in which the strategy order must always be entered, irrespective of whether it is a buy or sell order)
Call Volatility Trade	V	OPT	Buy call, sell Underlying to give zero net delta.
Put Volatility Trade	V	OPT	Buy put, buy Underlying to give zero net delta.
Call Spread versus Underlying	d	OPT	Buy call, sell call at higher strike, sell the Underlying.
Put Spread versus Underlying	d	OPT	Buy put, sell put at lower strike, buy the Underlying.
Straddle versus buying Underlying	s	OPT	Buy put, buy call at same strike, buy the Underlying.
Straddle versus selling Underlying	s	OPT	Buy put, buy call at same strike, sell the Underlying.
Strangle versus buying Underlying	k	OPT	Buy put, buy call at higher strike, buy the Underlying.
Strangle versus selling Underlying	k	OPT	Buy put, buy call at higher strike, sell the Underlying.
Call Spread versus sell Put versus Underlying	c	OPT	Buy a Call spread versus selling a put versus selling the Underlying: buy a call, sell a call at a higher strike, sell a put at any strike, selling the Underlying.
Put Spread versus sell Call versus Underlying	p	OPT	Buy Put spread versus selling a call: buy a put, sell a put at a lower strike, sell a call at any strike, buy the Underlying.
Call Ladder versus buying Underlying	a	OPT	Buy call, sell call at higher strike, sell call at even higher strike, buy the Underlying.
Call Ladder versus selling Underlying	a	OPT	Buy call, sell call at higher strike, sell call at even higher strike, sell the Underlying.
Put Ladder versus buying Underlying	a	OPT	Sell Put, sell Put at higher strike, buy put at even higher strike, buy the Underlying.
Put Ladder versus selling Underlying	a	OPT	Sell put, sell put at higher strike, buy put at even higher strike, sell the Underlying.
Combo versus buying Underlying	j	OPT	Sell call, buy a put at a lower strike, buy the Underlying.

Strategy Name	Optiq strategy Code	Futures / Options	STRATEGY STRUCTURE - Buy perspective (Sequence in which the strategy order must always be entered, irrespective of whether it is a buy or sell order)
Combo Put Calendar Spread vs Underlying	j	OPT	Sell far month call, buy near month put (same strike). Buy/Sell the Underlying
Combo Call Diagonal Calendar Spread vs Underlying	j	OPT	Sell far month call, buy near month put at a lower strike. Buy/Sell the Underlying
Call Calendar Spread versus buying Underlying	e	OPT	Sell near month call, buy far month call (same strike across the two months), buy the Underlying.
Call Calendar Spread versus selling Underlying	e	OPT	Sell near month call, buy far month call (same strike across the two months), sell the Underlying.
Put Calendar Spread versus buying Underlying	e	OPT	Sell near month put, buy far month put (same strikes across the two months), buy the Underlying.
Put Calendar Spread versus selling Underlying	e	OPT	Sell near month put, buy far month put (same strikes across the two months), sell the Underlying.
2x1 Ratio Call Spread versus buying Underlying	h	OPT	Sell call, buy two calls at higher strike, buy the Underlying.
2x1 Ratio Call Spread versus selling Underlying	h	OPT	Sell call, buy two calls at higher strike, sell the Underlying.
2x1 Ratio Put Spread versus buying Underlying	h	OPT	Sell put, buy two puts at lower strike, buy the Underlying.
2x1 Ratio Put Spread versus selling Underlying	h	OPT	Sell put, buy two puts at lower strike, sell the Underlying.
2x1 Ratio Combo Put vs Underlying	h	OPT	Sell one call, buy two puts at lower strike, same expiry. Buy/Sell Underlying
2x1 Ratio Combo Call vs Underlying	h	OPT	Sell two calls, buy one put at lower strike, same expiry. Buy/Sell Underlying

Strategy Name	Optiq strategy Code	Futures / Options	STRATEGY STRUCTURE - Buy perspective (Sequence in which the strategy order must always be entered, irrespective of whether it is a buy or sell order)
Call Butterfly versus buying Underlying	b	OPT	Buy call, sell two calls at higher strikes, buy call at a higher strike, buy the Underlying.
Call Butterfly versus selling Underlying	b	OPT	Buy call, sell two calls at higher strikes, buy call at a higher strike, sell the Underlying.
Put Butterfly versus buying Underlying	b	OPT	Buy put, sell two puts at higher strikes, buy put at higher strike, buy the Underlying.
Put Butterfly versus selling Underlying	b	OPT	Buy put, sell two puts at higher strikes, buy put at higher strike, sell the Underlying.
Call Diagonal Calendar Spread versus buying Underlying	f	OPT	Sell near month call, buy any far month call at a different strike, buy the Underlying.
Call Diagonal Calendar Spread versus selling Underlying	f	OPT	Sell near month call, buy any far month call at a different strike, sell the Underlying.
Put Diagonal Calendar Spread versus buying Underlying	f	OPT	Sell near month put, buy any far month put at a different strike, buy the Underlying.
Put Diagonal Calendar Spread versus selling Underlying	f	OPT	Sell near month put, buy any far month put at a different strike, sell the Underlying.
Guts versus buying Underlying	g	OPT	Buy call, buy put at higher strike, buy the Underlying.
Guts versus selling Underlying	g	OPT	Buy call, buy put at higher strike, sell the Underlying.
Iron Butterfly versus buying Underlying	i	OPT	Sell put, buy put and call at higher strike, sell call at higher strike, buy the Underlying.

Strategy Name	Optiq strategy Code	Futures / Options	STRATEGY STRUCTURE - Buy perspective (Sequence in which the strategy order must always be entered, irrespective of whether it is a buy or sell order)
Iron Butterfly versus selling Underlying	i	OPT	Sell put, buy put and call at higher strike, sell call at higher strike, sell the Underlying.
Straddle Calendar Spread versus buying Underlying	n	OPT	Sell Straddle in near month, buy Straddle in far month at same strike (sell near month put, sell near month call, buy far month put, buy far month call), buy the Underlying.
Straddle Calendar Spread versus selling Underlying	n	OPT	Sell Straddle in near month, buy Straddle in far month at same strike (sell near month put, sell near month call, buy far month put, buy far month call), sell the Underlying.
Diagonal Straddle Calendar Spread versus buying Underlying	q	OPT	Sell Straddle in near month, buy Straddle in far month at different strike (sell near month put, sell near month call, buy far month put, buy far month call), buy the Underlying.
Diagonal Straddle Calendar Spread versus selling Underlying	q	OPT	Sell Straddle in near month, buy Straddle in far month at different strike (sell near month put, sell near month call, buy far month put, buy far month call), sell the Underlying.
Condor versus buying Underlying	t	OPT	Buy put (call), sell put (call) at two even higher strikes, buy put (call) at yet higher strike, buy the Underlying.
Condor versus selling Underlying	t	OPT	Buy put (call), sell put (call) at two even higher strikes, buy put (call) at yet higher strike, sell the Underlying.
Iron Condor versus buying Underlying	v	OPT	Sell put, buy put at higher strike, buy call at even higher strike, sell call at even higher strike, buy the Underlying.
Iron Condor versus selling Underlying	v	OPT	Sell put, buy put at higher strike, buy call at even higher strike, sell call at even higher strike, sell the Underlying.