WTT SwingTrader MTF R1.9 - Quick Reference Guide

WaveRider Trading Technologies

Multi-Timeframe Syzygy Trading Indicator

🚀 R1.9 NEW FEATURES

- **Multi-Timeframe Alert System**: Three distinct signal types with different confidence levels
- **Color-Coded Signal Triangles**: Visual distinction between signal types for instant recognition
- **Enhanced Alert Descriptions**: Clear timeframe alignment indicators in alert messages
- **Signal Hierarchy**: D+4H+1H+CTF (highest), 4H+1H+CTF (high), 1H+CTF (medium) confidence levels

📊 INDICATOR OVERVIEW

Purpose

Multi-timeframe Syzygy trading indicator that combines Daily trend analysis with current timeframe signal generation for reliable Syzygy trading opportunities.

Core Philosophy

- Conservative approach as default settings
- Multi-timeframe alignment required for signal generation
- Volume confirmation for enhanced signal validation
- Dynamic boundary system for trade management

⚙️ SETTINGS & PARAMETERS

EMA Settings

- Fast EMA: 12 periods
- Slow EMA: 26 periods
- Trend EMA: 50 periods

MACD Settings

- Fast: 12 periods
- Slow: 26 periods
- Signal: 9 periods

RSI Settings

- Length: 14 periods

Volume Settings

- Volume MA Length: 20 periods
- High Volume Threshold: 1.5x average

Display Settings

- Show Entry/Exit Signals: ✅ Enabled
- Show Trend Direction: ✅ Enabled
- Show EMAs: ❌ Disabled (default)

Color Scheme

- Bullish: Orange 🟠
- Bearish: Purple 🟣
- Neutral: Gray ⚪

📈 SIGNAL GENERATION

Long Entry Conditions (ALL Required)

1. **Daily Trend**: Bullish (EMA alignment)
2. **4H Trend**: Bullish (EMA alignment)
3. **1H Trend**: Bullish (EMA alignment)
4. **Current TF Trend**: Bullish (EMA alignment)
5. **MACD**: Line > Signal AND Histogram increasing
6. **RSI**: Between 40-80 (not overbought)
7. **Volume**: Above 1.5x average
8. **Price**: Above Fast EMA

Short Entry Conditions (ALL Required)

1. **Daily Trend**: Bearish (EMA alignment)
2. **4H Trend**: Bearish (EMA alignment)
3. **1H Trend**: Bearish (EMA alignment)
4. **Current TF Trend**: Bearish (EMA alignment)
5. **MACD**: Line < Signal AND Histogram decreasing
6. **RSI**: Between 20-60 (not oversold)
7. **Volume**: Above 1.5x average
8. **Price**: Below Fast EMA

🔔 MULTI-TIMEFRAME ALERT SYSTEM

🟢 D+4H+1H+CTF Alerts (Highest Confidence)

```
🟢 Syzygy D+4H+1H+CTF LONG
[SYMBOL]
Price: [CURRENT_PRICE]
```

- **Timeframes**: Daily + 4H + 1H + Current Timeframe
- **Visual**: Green triangle (long) / Red triangle (short)
- **Use for**: Major swing trades with highest confidence

🔵 4H+1H+CTF Alerts (High Confidence)

```
🔵  Syzygy 4H+1H+CTF LONG
[SYMBOL]
Price: [CURRENT_PRICE]
```

- **Timeframes**: 4H + 1H + Current Timeframe
- **Visual**: Blue triangle (long) / Purple triangle (short)
- **Use for**: Medium-term trades with high confidence

🟠 1H+CTF Alerts (Medium Confidence)

```
🟠  Syzygy 1H+CTF LONG
[SYMBOL]
Price: [CURRENT_PRICE]
```

- **Timeframes**: 1H + Current Timeframe
- **Visual**: Orange triangle (long) / Yellow triangle (short)
- **Use for**: Short-term trades with medium confidence

Trend Change Alerts

```
🟢  TREND CHANGE: BULLISH
[SYMBOL]
Price: [CURRENT_PRICE]
```

- **Purpose**: Current timeframe trend transitions
- **Use for**: Early trend change detection

🎯 VISUAL ELEMENTS

Signal Markers

- **Long Signal**: Orange triangle pointing up (below bar)
- **Short Signal**: Purple triangle pointing down (above bar)
- **Trend Change**: Small triangles with trend cloud colors

Trend Cloud

- **Bullish**: Orange cloud around price

- **Bearish**: Purple cloud around price
- **Neutral**: Gray cloud around price
- Transparency: 65% fill, 50% border

Boundary Lines

- **Lower Boundary**: Red dotted line for long entries
- **Upper Boundary**: Red dotted line for short entries
- **Origin**: 3 bars before current price
- **Extension**: 20 bars ahead
- **Deletion**: When price trades through boundary level

📋 STATUS TABLE

Multi-Timeframe Trend Status

- **D**: Daily timeframe trend (BULL/BEAR/NEUT)
- **4H**: 4-hour timeframe trend (BULL/BEAR/NEUT)
- **1H**: 1-hour timeframe trend (BULL/BEAR/NEUT)
- **CTF**: Current timeframe trend (BULL/BEAR/NEUT)

Indicator Status

- **RSI**: Current RSI value with color coding
- **MACD**: Bullish/Bearish status with color coding
- **ATR**: High/Normal volatility status
- **Volume**: High/Normal volume status

Last Trade Type

```
- **Syzygy LONG**: Long entry signal
- **Syzygy SHORT**: Short entry signal
```

- **TREND BULLISH**: Bullish trend change
- **TREND BEARISH**: Bearish trend change
- **NONE**: No recent activity

🎨 COLOR CODING SYSTEM

Trend Status

- **Green**: Bullish trend
- **Red**: Bearish trend
- **Gray**: Neutral trend

Indicator Values

- **RSI**: Red (overbought), Green (oversold), White (normal)
- **MACD**: Green (bullish), Red (bearish)
- **ATR**: Yellow (high volatility), Gray (normal)
- **Volume**: Orange (high), Blue (low), Gray (normal)

Last Trade Type

- **Orange**: Bullish trades (Long/Trend Bullish)
- **Purple**: Bearish trades (Short/Trend Bearish)
- **Gray**: Neutral/No activity

💡 TRADING STRATEGY

Entry Rules

1. Wait for multi-timeframe alignment
2. Confirm volume is above average
3. Verify RSI is in optimal range
4. Check MACD momentum alignment
5. Enter at current market price

Risk Management

- **Long Trades**: Use lower boundary as support reference
- **Short Trades**: Use upper boundary as resistance reference
- **Stop Loss**: Consider boundary levels for placement
- **Position Sizing**: Conservative approach recommended

Exit Strategy

- **Profit Target**: Based on market structure
- **Stop Loss**: Boundary level breaches
- **Trailing Stop**: ATR-based or percentage-based
- **Trend Change**: Exit on opposite trend signals

🔧 TROUBLESHOOTING

No Signals Generated

- Check if all timeframes are aligned
- Verify volume is above threshold
- Ensure RSI is in optimal range
- Confirm MACD momentum direction

Frequent False Signals

- Consider tightening volume requirements
- Adjust RSI range parameters

- Review multi-timeframe alignment criteria
- Check for market volatility conditions

Boundary Lines Not Appearing

- Verify signal conditions are met
- Check if price has traded through boundary
- Ensure trend cloud is enabled
- Review boundary line settings

📝 VERSION HISTORY

R1.9 (Current)

- Multi-timeframe alert system implementation
- Color-coded signal triangles for visual recognition
- Enhanced alert descriptions with timeframe alignments
- Signal hierarchy for different confidence levels

R1.8

- Syzygy alert branding implementation
- Enhanced boundary price alerts
- Improved trade management features

R1.7

- Enhanced status table with color coding
- Individual timeframe trend columns
- Color-coded indicator values

R1.6

- Dynamic boundary line system
- Historical reference points
- Boundary evolution tracking

R1.5

- Performance analytics enhancement
- Consolidated indicator display
- Success rate calculations

R1.4

- Comprehensive feature integration
- Multi-timeframe functionality
- Alert system implementation

R1.3

- Visual enhancement and alert system
- ATR-based exit signals
- Trend cloud visualization

R1.2

- Alert system enhancement
- Detailed price point information
- Market data integration

R1.1

- Visual design and user interface
- Professional color scheme
- Enhanced readability

R1.0

- Initial release
- Multi-timeframe Syzygy trading foundation
- WaveRider Trading Technologies methodology

📞 SUPPORT

For questions, issues, or feature requests, please refer to the WaveRider Trading Technologies documentation or contact the development team.

WaveRider Trading Technologies – Professional Trading Solutions