

Study Crossing Alert

The example demonstrates adding an audio alert when a study condition exits. The condition chosen was when the two lines of a Moving Average cross. The chart contains a Moving Average and a DYO.

The screenshot shows the 'Design Your Own Study' dialog box with the following settings:

- Study Name:** Study Crossing Alert
- Study Location:** Chart
- Marker Location:** Study Value
- Label Location:** None
- Grid Tab:** Default
- Study Scale:** Chart Scale
- Message Text:** (Empty)
- Font:** True (Black), False (Green), Panel (Red), (Yellow)
- Sound:** Voice (selected), Silent, Beep, WAV, Sound once per bar
- Trading System:** Price: Close, Quantity: 1, Commission: 0
- Category:** Study
- Variable:** 13 Flag
- Selection #1 & #3:** = AVE 2,9 HH g
- Op. [#]:** 1st line X<> 2nd line
- Offset:** 0
- Show:**
- Marker:** ZON
- Color:** Yellow
- Row A:** Study, [13 Flag] := AVE.1st line X<> 2nd line, , ZON, Study Value
- Row B:** Action, if [13 Flag] then Play Sound,

A – Selects a Study flag for the Average study. The flag is 1st line X<> 2nd Line. The 'X<>' notation means 'cross above or cross below'.

B – When the flag from Row A is True, the DYO will play the sound in the Sound frame. The example shows the Voice bullet is selected, which will read the text from the Study Name field. The words 'Study Crossing Alert' will be spoken.

Notation	Meaning
>	Greater than
>=	Greater than or equal to
<	Less than
<=	Less than or equal to
X>	Cross above
X<	Cross below
X<>	Cross above or cross below

Note: Check the Sound Once Per Bar box to have the alert sound once per bar instead of with every tick.