Mid/Side (M/S) Processing

# What does Mid/Side mean?

# Benefits of M/S

# Correlation

# Refresher on Mid/Side Recording

# Replacing the Mid/Mic with an Omni pattern

# Decoding M/S in a DAW

## Manually

## With Plugins

# M/S Processing

* Stereo Widening
* M/S EQ
* M/S Compression & Limiting
* Gating
* Reverb, Delay, & other Modulation Effects

# M/S Pitfalls

# Using M/S Processing without M/S Recordings

# M/S Techniques

* Apply Focus to a Bass
  + Filtering off bass from the side and/or boosting the bass frequencies in the mid.
* Boost High Frequencies Only
* Reducing Side Gain to Slim or Widen a Mix
* Subtractive-EQ on the sides to cut cymbal harshness
* Boost upper mids in sides to add shimmer on the mix buss
* Complimentary EQ (Cut important freq from sides and boost in the mid)
* Taming Reverb Mud or Clutter
* Using automation to shift focus in a mix or add excitement
* Fixing Frequency Masking
* Create a defined center with compression
* Side-chain the sides into the mid for kick transparency
* Side-chain the mid into the sides for Vocal clarity
* Distort or saturate
* Sides give your stereo width a bit more character. By distorting the middle you get a warmer center.