



KU-VST

KU-VST is a suite of VSTs developed by Kounosoft

**3D Audio Spatialization
Reresentation VST**

KU-VST 3DS

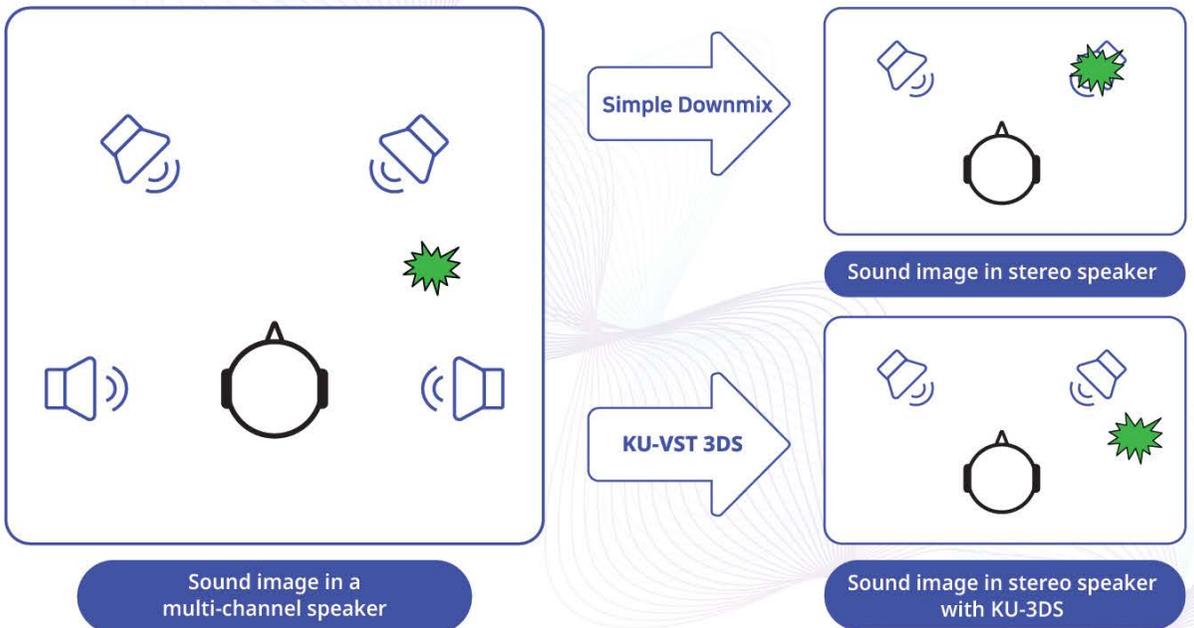
KU-VST 3DS (3 Dimensional audio via Speaker)

VST for reproducing 3D Audio via Stereo Speaker reproduction environments

- One of the 3D audio product line
- Kounosoft released various kinds of VST
 - KU-3DS (3 Dimensional audio via Speaker)
 - KU-3DH (3 Dimensional audio via Headphone)
 - KU-PCaE (Pitch Change and Echo(and Reverb) generation)

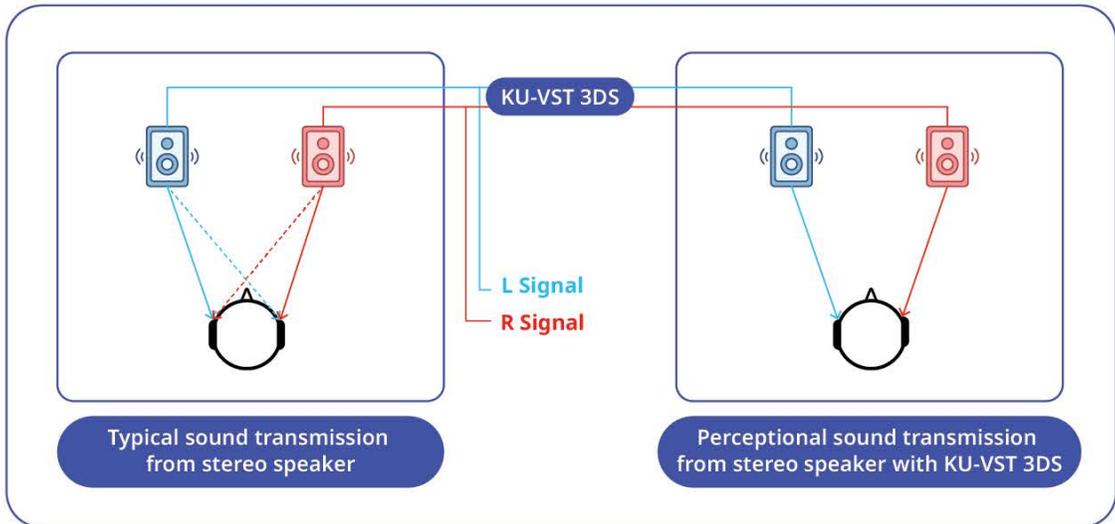
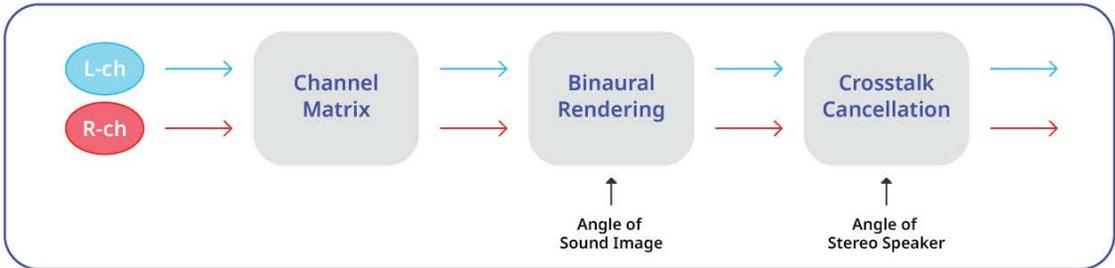
KU-VST 3DS Functionality

- 3D audio reproduction via stereo speaker reproduction environment



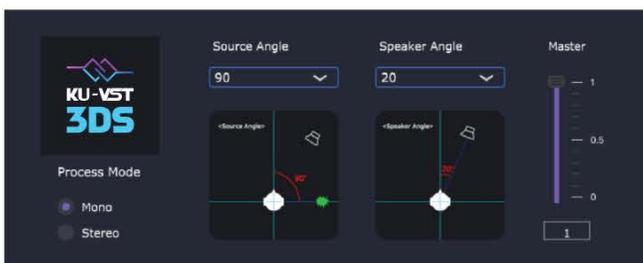
KU-VST 3DS Technology

- KU-VST 3DS applied **binaural rendering** and **CTC technology**
- Binaural rendering technology locate the **sound image** to surround position
- CTC technology eliminates **crosstalk** so that the signal from the left speaker is heard only in the left ear, and the signal from the right speaker is heard only in the right ear.



• Paths indicated by dashed lines are subject to removal

KU-VST 3DS Parameters



Input Mode

- Mono – mono downmix and processing as a mono signal
- Stereo – Left and right channels are processing independently

Source Angle

- Define sound image angle
- In case Mono : -120 ~ 120 (-30, -60, -90, -120, 30, 60, 90, 120)
- In case stereo : 30 ~ 120

CTC Angle

- Define stereo speaker angle : 10, 15, 20, 25, 30°

KU-VST 3DS Applications



1 Music Creation



2 Film/Drama Production



3 YouTube Content Creation



4 Live Performance Mixing

KU-VST 3DS Supports DAW

Currently, KU-VST is available as a VST3 plugin compatible with Ableton Live, with plans for future support on DAWs like Nuendo and Logic Pro

Supports Now



Supports Future



Logic Pro X

Quick Start

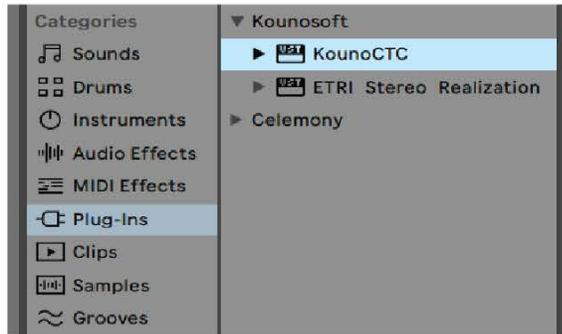


01

In Ableton Live, use the VST Plugin Scan button to locate KU-VST

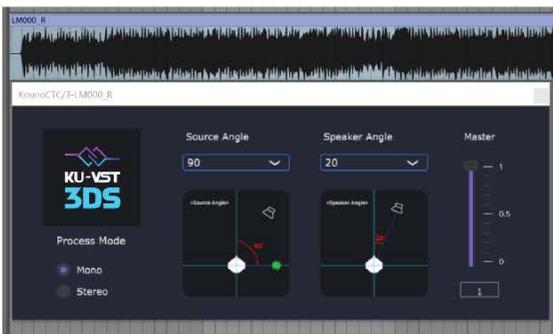
02

Verify that KU-VST appears under the Plug-Ins section



03

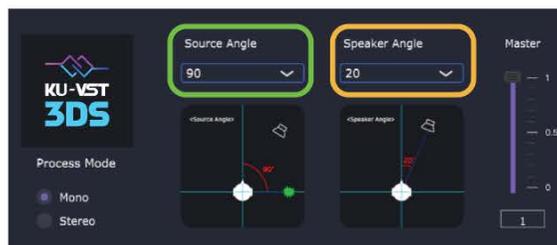
Drag the KU-VST from the Plug-Ins section and add it to the Ableton Live track with music data inserted



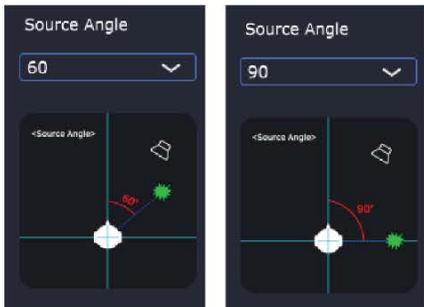
Quick Start

04

Setting the source angle and speaker angle

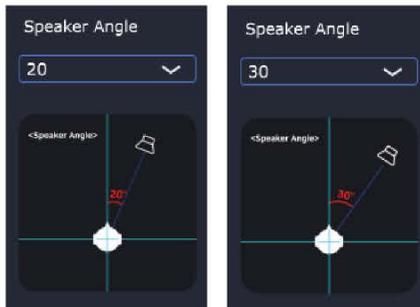


Source Angle
60



Setting source angle

Speaker Angle
20



Setting speaker angle

05

Click Play Button in the DAW to experience the binaural spatial audio effect through the speakers with KU-VST enable





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