

ORCHESTRA VSTi VST3 AAX V1.0.8-R2R [UPD]

Lionix Orchestra v1.0.8 R2RThe invention pertains to the field of speech recognition, and more particularly to speech recognition with speaker independent recognition. Speech recognition systems are becoming increasingly more prevalent, and many devices in a variety of industries have speech recognition. However, a primary difficulty faced by many systems is dealing with different speakers and different speaking styles. A person's speaking style, or the way he/she pronounces a word, varies from one speaking session to the next. Despite the fact that a person using speech recognition may say the same word consistently, the way in which the person says the word may vary from one speaking session to the next. To prevent false recognition of a person's speech, a speaker independent recognition algorithm may be used. A speaker independent recognition algorithm recognizes every word heard regardless of who may say it. Speech recognition systems that are speaker independent are prone to false recognition because they only recognize portions of a word that they have been trained on. For example, a speech recognition system may be trained on a single word, such as "dad". The system may only recognize the word "dad" if the speaker were to say "dad". If the speaker were to say "dada", the system would falsely recognize that the word is not a training word. To deal with the situation where the system recognizes the speech "dada", the system may be trained to recognize a sequence such as "dad a". The system may be trained to recognize any contiguous sequence of alphanumeric characters as a word. However, unless the system is explicitly trained on a certain utterance, the system is likely to mistakenly recognize utterances that the system has never been trained on. Speaker independent speech recognition systems have been used in the military to recognize a person's speaking style. During flight training, for example, the military often uses a speaker independent speech recognition system to determine a flight skill of a pilot based on his speech. There are times, however, when an individual pilot does not disclose a level of flight skill



