



## Construction machine noise

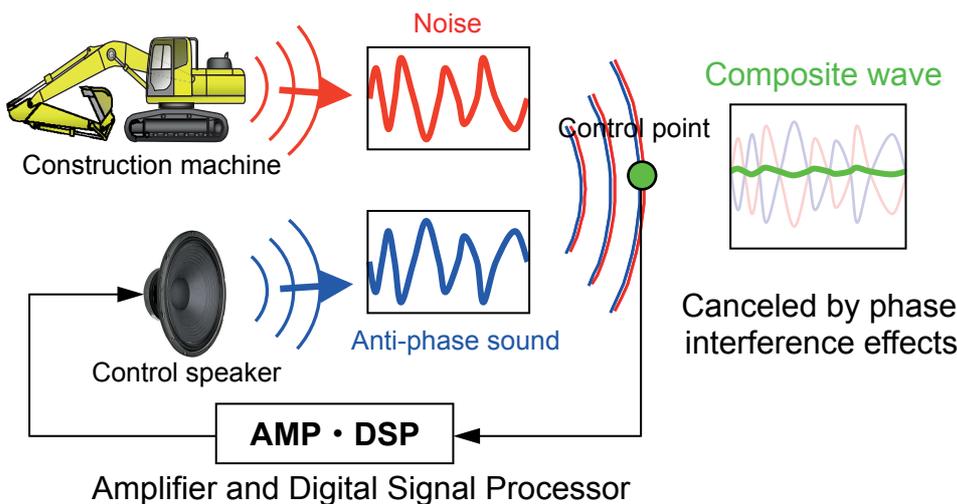
Engines of construction machines always generate low frequency sounds (less than 100Hz).

Middle or high frequency sounds ⇒ Possible to insulate with sound insulation wall or window.

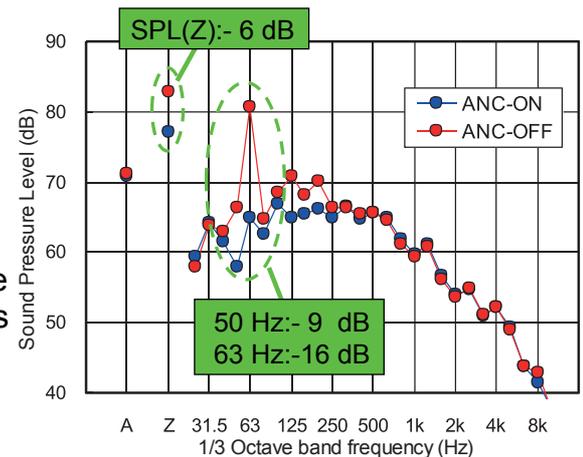
Low frequency sounds ⇒ Difficult to get sound reduction effect

## Principle and Effect

ANC system reduces low frequency sounds using the wave nature of sound.



Noise reduction level measured in the back of the backhoe



Engine compressor



Backhoe