

كردوم كاردومه

VOICE USER INTERFACE

ADDRESSING THE NEED FOR VOICE USER INTERFACE IN ACOUSTICALLY CHALLENGING SITUATIONS.



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Kardome's technology significantly improves the Voice User Interface experience. Recall how many times you have been frustrated by trying to dictate an address to your car navigation system while your kids are chatting at the back seat or while the radio is on.

Kardome's technology requires only a compact small form-factor microphone array, where the only condition is that the number of microphones should exceed the number of simultaneous speakers.

So far, distant voice user interface simply doesn't work with multiple concurrent speakers. You should either hush the others or bring the microphone extremely close to your mouth.

Kardome's technology is based on innovative patented real-time speech separation algorithms, which process the mixture of speech signals and assign each individual speaker to a dedicated output channel.