

ANC10

AI Active Environment Noise Canceling Light Headset



Specifications:

- AI Active ENC Light Headset
- Noise pick up : AI deep learning technologies
- Noise reduce : in far-field and extremely noisy circumstances.
- Power from Radio : 5V-9V
- Power consumption: ANC TX:25mA,
- Speaker:Optional SNP series speaker
- Radios : Motorola,Sapura,Airbus,Kenwood,Sitaya.....



AI ANC Processor

Feature 1:

Machine learning with unique AI algorithm and 500 million samples. With the learning effect of over 500 million times by unique AI deplanning, all noise sounds other than human voice can be removed. We have also passed the 3Quest test to clear Microsoft Teams certification.

Feature 2:

Spot beam forming technology that delivers clear voice. A technology that can specify a spot where you want to collect sound and cut out ambient sounds outside the specified range, including human voices. You can provide clear voice to the other party.

Feature 3:

Noise canceling technology that reduces delay. General noise cancellation technology is processed via the cloud, but the IC's noise cancellation technology is completely completed within the IC chip. Therefore, it is characterized by very little delay.

General Features

- iGo deep neural network processor
- Configurable deep neural networks
- Highly efficient inference engine
- 1 TOPs per second per watt
- iGo intelligent voice software suite
- Voice enhancement
- Stationary and non-stationary noise cancellation
- Voice processing
- Up-link: superior voice quality with only one microphone needed
- Digital audio processor
- ADC (Auto Gain Control)
- Sample rate conversion
- AEC (Acoustic Echo Cancellation)
- Configurable multi-function pins
- Integrated PLL and RC-oscillator for flexible internal/external clocking