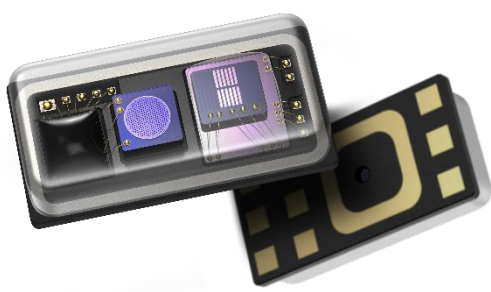


High Performance Microphone



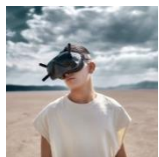
MERRY Barometric Pressure Sensors enable a variety of Wearables, AR&VR , Drones & Robots and Smart Home Applications.

| Barometric Pressure | MMB106-001 | MMB108-001 | MMB110-001 |
|------------------------------|--------------------|--------------------|--------------------|
| | Slim Pressure | Tiny Pressure | IPX8 Tiny P |
| Dimension (mm ³) | 2.50 x 2.00 x 0.95 | 2.00 x 2.00 x 0.75 | 2.00 x 2.00 x 0.75 |
| Pressure Range (hPa) | 300 - 1,200 | 300 - 1,200 | 300 - 1,200 |
| Relative Accuracy (hPa) | ± 0.06 | ± 0.03 | ± 0.03 |
| LFRO (Hz) | ± 1 | ± 0.3 | ± 0.3 |
| Current (uA) | 3.2 | 2.1 | 2.1 |

| Combo Sensor | MMB107-001 | MMB109-002 | MMB111-001 |
|------------------------------|--------------------|--------------------|--------------------|
| | Amic + P | Dmic + P | Dmic + P |
| Dimension (mm ³) | 3.50 x 2.65 x 1.00 | 4.00 x 2.00 x 0.95 | 3.80 x 2.45 x 1.05 |
| Sensitivity (dB) | - 38 | - 26 | - 26 |
| SNR (dB) | 65 | 64 | 64 |
| AOP (dB SPL) | 128 | 120 | 120 |
| Pressure Range (hPa) | 300 - 1,200 | 300 - 1,200 | 300 - 1,200 |
| Relative Accuracy (hPa) | ± 0.06 | ± 0.03 | ± 0.0 |
| Absolute Accuracy (hPa) | ± 1 | ± 0.3 | ± 1 |
| Current (uA) | 3.2 | 2.1 | 3.2 |



Smartwatches



Head Mounted Displays



Wristbands



AR



Drone



VR

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MERRY Sounds excellent