

SyberSay Earlite 540

hands-free
communication
earpiece



- Use anytime, anywhere, and under any circumstances
- Easy to operate
- Streamlined ergonomics
- High-fidelity speaker
- Noise-reducing microphone
- Low battery demand



Made for business—anytime, anywhere

The Earlite™ 540 is ideal for cell phone and cordless phone users. Small and lightweight, this hands-free communication earpiece is setting a new standard in the headset industry. State-of-the-art microphone and speaker technology. Ergonomic design. Unprecedented sound fidelity and noise immunity. And so comfortable, you may forget to take it off!

Stay alert while you multi-task

The Earlite 540 is worn behind the ear with a small, non-occluding horn which provides high-fidelity sound to the user. It allows you to hear other sounds and maintain your sense of their directionality. Glasses or jewelry don't affect the Earlite 540's fit or comfort. And it may be worn on either ear.

Clear sound delivery reduces stress

The Earlite 540's highly sensitive, dual-ported microphone is set in the earpiece housing. No separate cord-mounted microphone. No intrusive microphone boom. You get all the crisp high-fidelity voice quality you expect from advanced engineering. Background noises are virtually eliminated. Converse with business associates. Stay in touch with family and friends. Uninterrupted. And stress-free.



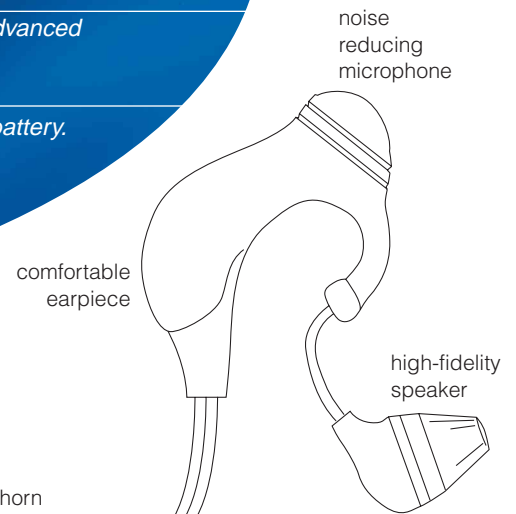
State-of-the-ear technology

Features

Hands-free design.
Small. Lightweight. Nearly invisible.
Ergonomic form-fit.
Non-occluding (does not block ear canal).
No boom microphone.
Patented technologies: Highest quality directional microphone and acoustically superior speaker.
Ultra-low power earpiece.

Benefits

Enables multi-tasking. Working, driving, jogging—no problem.
Wear all day without discomfort.
Made for left or right ear.
Hear sounds around you.
Wear anywhere without drawing attention.
Get the crisp, clear sound only advanced engineering can provide.
Minimal demand on your phone battery.



SyberSay Earlite 540 Specifications

Earpiece and horn		Over back of ear with non-occluding horn
Sensitivity (equivalent free-field)		28 dBPa/V @ 1kHz (typical)
Frequency response		300 to 3000 Hz
Distortion (THD%)		2% (typical)
Microphone		dual-port, high sensitivity, unidirectional electret in earpiece
Sensitivity		-36 dBV/Pa @ 1kHz (typical)
Frequency response		300 to 3000 Hz
S/N ratio		36 dBA @ 1kHz
Distortion (THD%)		2% (typical)
Environmental		
Temperature	operating	-20 C to +40 C
	non-operating	-40 C to +85 C
Relative humidity		90% RH @ 40 C (non-condensing)
Free-fall drop		1500 mm to concrete floor
Shock (non-operating)		30G (18 ms duration)
Vibration	operating	10-200 Hz (0.2mm displacement)
	non-operating	10-55 Hz (1.5mm displacement)
Low air pressure (non-operating)		15 kPa
Electrostatic discharge (operating)		15 kV (user accessible surfaces)
Physical		
Weight		17.7 grams (5/8 oz.)
Power consumption		3 mW (typical)
Cord and connector type		120 cm cord with Male, 2.5 mm phone plug

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