

The Peckerwood educational headset with microphone is the most comfortable tool for your private language lesson. Its PM magnetic multi-layered diaphragm reduces magnetic effects on the brain, making it suitable for long-term use. Plush ear-muffs, built to last while providing comfort during use. Super noise cancellation technology ensures you hear less unwanted noise so focus on lesson is enhanced.

PECKERWOOD

Model: PECKER402
www.veridian.com.my

Technology Details

- Adjustable Microphone
- In-line Volume Control Enable Easy Adjustable To Safe Listening Level
- Durable Ear-muffs
- Soft-cushion Adjustable Headband
- Super Noise Cancellation Technology
- Speech Recognition
- Wideband Audio

Specification

EARPHONE -

Design

Closed Muff Design
(Cleanable and Replaceable)

Plug Type

2 x Ø3.5mm Gold Plated Stereo Mini Plug

Input Power

20mW

Driver Unit

40mm

Transducer

Dynamic

Impedance

32Ω ±15%

Frequency Response

20Hz - 20,000Hz

Sensitivity

105db (±4dB)

Characteristic SPL

106db at 1 KHz, 1Vrms

THD

< 1% at 1KHz, 100dB SPL

USE IN -

PC Multimedia, MP3 / MP4 / MP5 / iPod / PSP and any device with a 3.5 headphone jack

MICROPHONE -

Design

Electrets Condenser Microphone

Impedance

2.2KΩ

Frequency Response

45Hz - 14,000Hz

Sensitivity

-37dB (±4db)

Boom Microphone

Rotation 270 degree

Directivity

Unidirectional

CABLE -

Cable Type

Reinforced Spiral Kevlar Cable

Cable Diameter

Ø4mm

WARRANTY -

1 year warranty
against manufacturers defect

OPTIONAL ACCESSORIES -

Cushioned Ear Muffs CEM402



Durable Polyurethane cushioned ear muffs is designed for maximum ear comfort while cotton ear seal absorb perspiration and relieve "hot sports"



Reinforced Spiral Kevlar Cable grants you more flexibility, the spiral retains "spring" despite repeated pulling or stretching

Professional Headset Testing Method

A Guide To Understanding Headsets For Language Lab Learning Environment

PECKERWOOD produces professional language lab headsets with quality control beyond normal usage. We took into consideration students' usage behaviour, including slipping, dropping, standing up and pulling the cable before removing the headset, throwing or swinging the headset, etc. Our products are put through the tests listed below:



1. Drop Test/Impact Test

The headsets are dropped from a height of 1.8 meters to ensure they are suitable for use in a high-impact environment.



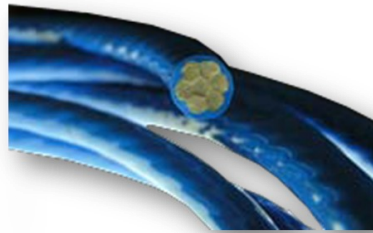
2. Tensile Strength test

The Kevlar cable is tested for tensile strength. The maximum stress that the cable can withstand while being stretched is up to 10kg.



3. Spiral Cord

Spiral cable provides flexibility to cater to students' need for physical movement. It stretches when students move away from the PC and snaps back when returned to original position.



4. Kevlar Cable

Kevlar cable is one of the most well known and established high modulus fiber cables available. Kevlar fiber can be twisted or braided in to a number of cable, rope or cord constructions. The fiber is available in several different grades, such as Kevlar 29 for standard modulus, Kevlar 129 for high tenacity, Kevlar 49 for high modulus, and Kevlar 119 for high elongation. Each grade is available with several different finishes to account for usage considerations. Kevlar cables are commonly used as a high performance alternative to steel cables, especially when low weight, no corrosion, good electrical insulation, safe handling, or higher strength is needed.



5. Environmental Test

- High and low temperature
- Humidity

Malaysia is essentially a country with tropical weather. The equatorial climate is hot and humid. The consistent high temperature in Malaysia would cause low grade polyvinyl chloride (PVC) or Polyurethane (PU) to crack after 6 months of use. Therefore, we test all the products in computer-controlled chambers that produce temperatures ranging from 15°C to 35°C with humidity profiles up to 95% RH.