AKADEMIA
EKONOMICZNO-HUMANISTYCZNA
W WARSZAWIE

School of Humanities and Fine Arts
Laboratory of Phonetics and Oral Interpretation

EQUIPMENT INVENTORY LIST

FOR THE LABORATORY OF PHONETICS AND ORAL INTERPRETATION

Approved by:
Dean of the School of Humanities and Fine Arts
Dr. Adam Świątek

Date:
December 01, 2024

Location:

Room 205, Okopowa Street 59, Warsaw, Poland

Issued by:
The Head of the Laboratory of Phonetics and Oral Interpretation
School of Humanities and Fine Arts
University of Economics and Human Sciences in Warsaw

WARSAW – 2024

AKADEMIA
EKONOMICZNO-HUMANISTYCZNA
W WARSZAWIE

School of Humanities and Fine Arts

Laboratory of Phonetics and Oral Interpretation

INTRODUCTION

The Laboratory of Phonetics and Oral Interpretation is a high-tech facility for phonetics training, oral interpretation, and linguistic research. This inventory provides a categorized, detailed list of all available equipment, along with their specifications, applications, and maintenance protocols.

CATEGORIES OF EQUIPMENT

---

1. Audio-Visual Equipment

This category includes essential tools for oral interpretation, phonetic practice, and multimedia-based teaching.

1. **Simultaneous Interpretation Consoles** (2 units):
   - **Features**: Dual-channel operation, noise suppression, and user-controlled volume adjustment.
   - **Applications**: Training in simultaneous interpretation; conference and multilingual communication simulations.
   - **Usage**: Linked to central control for instructor monitoring.
2. **Digital Audio Recorders** (2 units):
   - **Specifications**: 24-bit/96kHz recording capability with integrated storage of up to 32GB.
   - **Applications**: Speech analysis, transcription accuracy assessments, and archival.
3. **High-Fidelity Microphones** (30 units):
   - **Specifications**: Condenser microphones with cardioid polar patterns for precise voice capture.
   - **Applications**: Phonetic research, pronunciation exercises, and recording sessions.
4. **Noise-Canceling Headphones** (2 units):
   - **Specifications**: Over-ear design with adjustable headbands and active noise cancellation (ANC).
   - **Applications**: Focused listening for phoneme differentiation and oral comprehension.
5. **Wireless Headphone Systems** (1 set):

- **Features**: Long-range connectivity and simultaneous group audio synchronization.
- **Applications**: Flexible group activities and instructor feedback in real-time.

---

2. Speech and Sound Analysis Technology

Dedicated tools and software for acoustic analysis and speech research.

1. **Praat Software Licenses** (30 seats):
   - **Features**: Real-time spectrogram generation, pitch contour analysis, and speech synthesis.
   - **Applications**: Acoustic phonetics research and linguistic data visualization.
2. **Audacity Software Licenses** (4 seats):
   - **Features**: Multi-track audio editing, noise reduction, and waveform analysis.
   - **Applications**: Editing and analyzing recorded speech samples.
3. **Central Control Unit** (1 unit):
   - **Specifications**: High-speed processor with 8 audio input channels and centralized audio control.
   - **Applications**: Real-time audio distribution and instructor monitoring.

---

3. Display and Presentation Tools

Advanced devices for teaching, collaborative learning, and visual data presentation.

1. **Projectors** (1 units):
   - **Specifications**: 4K resolution with a brightness of 3500 lumens.
   - **Applications**: Phonetic diagram projection and real-time transcription displays.
2. **Interactive Whiteboard** (1 unit):
   - **Features**: Touch-sensitive surface and direct annotation capability.
   - **Applications**: Visual representation of sound patterns and interactive teaching.

---

4. Furniture and Ergonomic Equipment

Designed to optimize user comfort and productivity.

1. **Work Desks** (30 units):
   - **Features**: Adjustable height, built-in cable management, and anti-reflective surfaces.

- **Applications**: Suitable for intensive computer-based or manual tasks.

2. **Ergonomic Chairs** (30 units):
   - **Features**: Lumbar support and adjustable armrests.
   - **Applications**: Ensures user comfort during extended sessions.

---

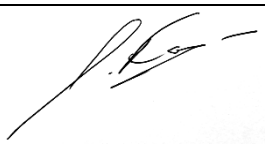
6. Safety and Emergency Equipment

Ensures compliance with safety regulations and readiness for emergencies.

1. **First Aid Kit** (1 unit):
   - **Contents**: Bandages, antiseptics, burn treatments, and basic medical supplies.
   - **Applications**: Emergency response to minor injuries.
2. **Fire Extinguisher** (1 unit):
   - **Specifications**: ABC-rated for electrical and general fires.
   - **Applications**: Immediate fire suppression.
3. **Emergency Evacuation Map** (1 poster):
   - **Location**: Displayed prominently near the entrance.
   - **Applications**: Guidance during evacuation scenarios.

MAINTENANCE AND USAGE NOTES

- **Scheduled Maintenance:** Monthly checks by laboratory technicians.
- **Damage Reporting:** All issues must be logged and reported to the technician.
- **Usage Policies:** Equipment must be booked through the laboratory's online reservation system.
- **Upgrades:** Annual reviews will identify outdated items for replacement.

HEAD of the Laboratory of Phonetics and Oral Interpretation		dr Yan Kapranov

December 01, 2024