

# LW-AAJ

*Dual Channel Audiometer with  
Air, Bone Masking*

ACOUSTIC APPRAISER



- AIR, BONE, TWIN CHANNEL SPEECH
- LIGHTWEIGHT AND PORTABLE
- ECONOMICAL



LW-AAJ ACOUSTIC APPRAISER

The dual channel LW-AAJ audiometer's adaptability makes this an economical, yet powerful testing device. The auxiliary CD or tape inputs allow you to upgrade the LW-AAJ at any time. Weighing only 17 lbs., the LW-AAJ is an ideal light weight and portable audiometer.

The LW-AAJ comes standard with TDH-39 ear phones, monitor ear phone, bone oscillator assembly, two electret microphones and dust cover.

Additional features include:

- Narrow Band Noise, Speech-Weighted Noise and White Noise Masking Selection
- Warble Tone and Narrow Band Noise for Sound Field Testing
- Sound Field Capabilities for Aided/Unaided Testing
- Electronic Frequency Switching from 125 Hz to 8000 Hz with Digital Readout
- Continuous or Pulsed Presentation
- Patient Signal
- Master Hearing Aid
- Channel Reverse
- Function Switch Indicator Lights
- Reversible Tone Presentation
- Twin Channel (Speech) Split Channel Pure Tone

## Technical Specifications LW-AAJ Acoustic Appraiser

**Power Source:** 110 or 220 volts A.C. only; 50-60 Hz

**Power Consumption:** 27 watts

**Frequency Range (Air):** 125-8000 Hz

**Frequency Range (Bone):** 250-4000 Hz

**Accuracy of Frequency Calibration:** Less than 3% variance of indicated frequency at all frequencies

**Distortion:** Total harmonics of any frequency are no greater than 3%

**Bone Conduction Accuracy:** Within 3 dB of indicated levels

**Tone Interruption:** Per ANSI S3.6 - 1996

**Dial Graduated:** In 5 dB increments with 2.5 dB intermediate steps

**Accuracy of SPL:** At any dial setting is +/- 3 dB of reference SPL from 125 to 4000 Hz, and +/- 5 dB at 6 K and 8 KHz

**Masking Calibration:** Direct SPL dial reading (earphone)

White Noise: 120 dB SPL

Narrow Band Noise: 100 dB HL Effective Masking

Speech-Weighted Noise: 120 dB SPL

**Speech Calibration:** Threshold "0" calibrated to 20 dB +/- 2 dB re: 0.0002 dynes/cm<sup>2</sup> (ANSI)

**Speech Circuit Distortion:** Total harmonic distortion less than 3%

**Weight in Pounds:** 17.2 lbs.

Each STARKEY AUDIOMETER is warranted against defects in workmanship and material as to parts arising in connection with normal usage for a period of one (1) year from date of purchase.

STARKEY'S obligation under the above warranty is limited to replacing or repairing any defective part or parts of the audiometer for the one (1) year duration of the warranty.

