

Audiometric Headphones

Updated April 9, 2026

Amplivox Audiocups

Amplivox Audiocups headset with 10-Ohm Telephonics TDH-39P (296D000-1) elements. The cushions are [RadioEar item #8507196 Red and Blue Type 51](#).



Amplivox Audiocups Headset with RadioEar item #8507196 Red and Blue Type 51 Cushions and TDH-39P (296D000-1) Elements

Amplivox Audiocups

Amplivox Audiocups headset with 10-Ohm Telephonics TDH-39P (296D000-1) elements. The cushions are [Pierce-Roberts Red and Blue MX-41/AR](#) type.

This Amplivox Audiocups headset was purchased on eBay in November 2009 for USD\$9.99 + USD\$11.27 shipping.



Amplivox Audiocups Headset with Pierce-Roberts Red and Blue MX-41/AR Cushions and TDH-39P (296D000-1) Elements

Amplivox Audiocups

Amplivox Audiocups headset with 10-Ohm Telephonics TDH-39P (296D000-1) elements. The cushions are standard black MX-41/AR type.

This Amplivox Audiocups headset was purchased on eBay in October 2009 for USD\$15 + USD\$10 shipping.



Amplivox Audiocups Headset with MX-41/AR Cushions and TDH-39P (296D000-1) Elements

Maico “Auraldomes”

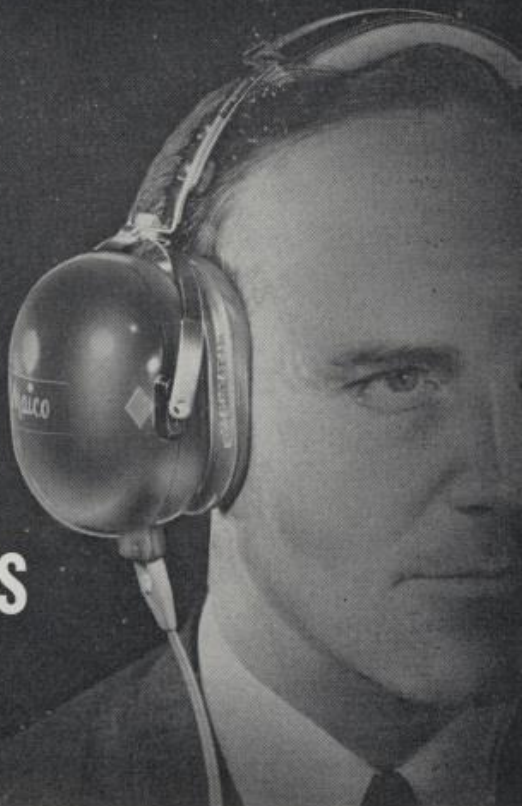
Maico “Auraldomes” headset with 10-Ohm Telephonics TDH-39 elements. The old deteriorated dome filters were replaced with [David Clark 24505P-02 Dome Filters](#) and the old cushions were replaced with [KORE AVIATION Ultra Plush Silicone Gel Ear Seals](#). A [3.5mm tip-left stereo plug TDH cable](#) replaced the original cloth covered cable that was worn out. The [patent describing the “Auraldomes” headset](#) can be viewed [here](#).

This “Auraldomes” headset was purchased on eBay in February 2016 for USD\$21.49 + USD\$13.00 shipping.



Maico “Auraldomes” Headset with TDH-39 Elements and Kore Aviation Plush Silicone Gel Cushions

How to
**INCREASE
 ACCURACY**
 of your
HEARING TESTS
 at
LOW COST



Surveys of audiometer users indicate that many hearing tests are conducted in areas where ambient noise is higher than desirable for ideal test conditions. In some cases, this noise level is high enough to affect the validity of tests, especially in low frequency ranges.

Maico AURALDOMES

are an excellent low cost method of insuring greater test accuracy under less than ideal conditions

AURALDOMES are a MUST if your test facilities do not include a sound room . . . a valuable addition to your equipment even where a sound room is used. Auraldomes are not intended to replace sound rooms—they are a valuable adjunct to any hearing test program, and will increase the accuracy of tests when used in connection with sound room testing.

Maico AURALDOMES are a special noise attenuator headset

designed for use with an audiometer. Auraldomes are a barrier against background noises. They enclose the audiometer's headphones in a noise-absorbing "dome", which forms a tight-fitting seal against the head. Auraldomes are similar in design and principle to units used by aircraft ground crews for protection against jet engine noise. They are easily adaptable to standard headphones, and the audiometer need not be recalibrated.

- Easily Installed
- Use With Any Audiometer
- Audiometer Recalibration Not Required
- Insures Subject's Full Attention
- Adjusts to Head Size
- Comfortable

MAICO ELECTRONICS, INC.
 21 North 3rd Street,
 Minneapolis 1, Minnesota

Please send literature on Auraldomes.

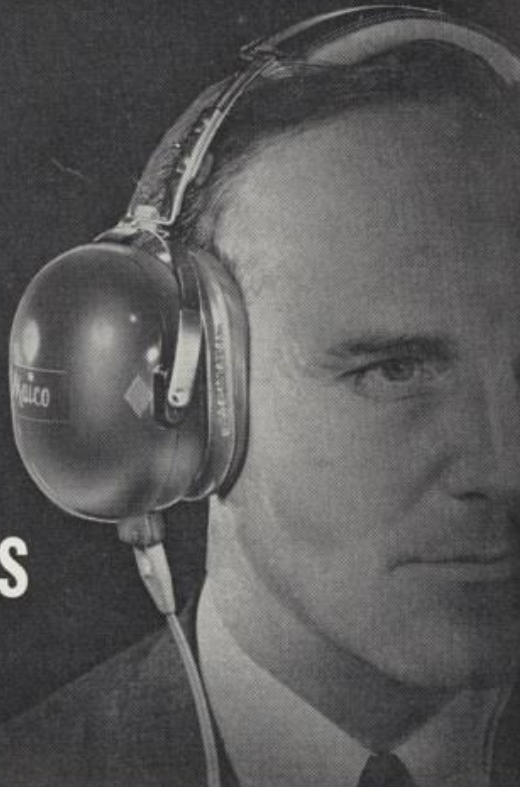
Name _____

Address _____

City _____ State _____

MAICO Electronics, Inc. A Subsidiary of W. A. Sheaffer Pen Company

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MAICO ELECTRONICS
 21 North 3rd Street,
 Minneapolis 1, Minnesota

Please send literature on Auraldomes.

Name _____

Address _____

City _____ State _____

MAICO Electronics, A TEXTRON COMPANY

A 23cm long x 21 cm wide x 12 cm high headphone storage case from AliExpress is used to store the Maico "Auraldomes" Headset.



Maico "Auraldomes" Headset in AliExpress Storage Case

Aural Research AR-100 “Auraldomes”

Aural Research AR-100 “Auraldomes” headset with 10-Ohm Telephonics TDH-49P (296D100-1) elements. They were manufactured in 1979, are branded “Beltone”, and were brand new in their original box without audio elements or cable. Due to their 41-year-old age at the time they were acquired, the cushions and dome filters had deteriorated. The old parts were replaced with [David Clark 40863G-02 Gel Ear Seals](#) and [David Clark 24505P-02 Dome Filters](#). A pair of TDH-49P elements were fitted and a [3.5mm tip-left stereo plug TDH cable](#) installed.

This Aural Research AR-100 “Auraldomes” headset was purchased new-in-box without audio elements or cable on eBay In June 2020 for USD\$25 + USD\$7.00 shipping.



Aural Research AR-100 “Auraldomes” Headset with TDH-49P Elements and David Clark 40863G-02 Gel Cushions

A 23cm long x 21 cm wide x 12 cm high headphone storage case from AliExpress is used to store the Aural Research AR-100 "Auraldomes" Headset.



Aural Research AR-100 "Auraldomes" Headset in AliExpress Storage Case

Aural Research AR-200 “Auraldome II”

Aural Research AR-200 “Auraldome II” headset with Telephonics 300-Ohm TDH-39 elements. It uses a DB9 connector that is wired for a [Cadwell 5200A EMG Unit](#) (Pin 4 = Left, Pin 5 = Right, Pin 9 = Common). The original dome filters had turned into a black tar-like substance so they were replaced with new [David Clark 24505P-02 Dome Filters](#). In addition, foam rubber inserts in the ear seals had turned to dust and were replaced. The [patent describing the “Auraldome II” headset](#) can be viewed [here](#).

This Aural Research AR-200 “Auraldome II” headset was purchased on eBay in September 2016 for USD\$25.00 + USD\$21.42 shipping.



Aural Research AR-200 “Auraldome II” Headset with 300-Ohm TDH-39 Elements

ANNOUNCING



AURALDOME® II

**PRECISION NOISE-EXCLUDING
AUDIOMETRIC HEADSET**

“IT’S WHAT’S INSIDE THAT COUNTS”

Uses standard earphones with custom fabricated cushions that conform to ANSI specifications.

No significant threshold shift from ANSI standard sound pressure levels (1969).

Calibrate with standard NBS 9A couple without disassembling auraldome II.

No noisy moving parts.

Aural Research

5739 Camillia Avenue
Temple City, CA 91780



Aural Research “Auraldome II” advertisement from Audiology & Hearing Education (June/July 1978)

A 23cm long x 20 cm wide x 11 cm high headphone storage case from AliExpress is used to store the Aural Research AR-200 "Auraldome II" Headset.



Aural Research AR-200 "Auraldome II" Headset in AliExpress Storage Case

Maico MA-20 Headset

Maico headset with 10-Ohm Telephonics TDH-39P (296D000-1) elements. The cushions are black Telephonics 510C017-1 (Type 51).

This MAICO MA-20 TDH-39P headset was purchased on eBay in May 2012 for USD\$1.25 + USD\$5.66 shipping.



Maico Headset with TDH-39P (296D000-1) Elements and Telephonics 510C017-1 (Type 51) Cushions

Madsen Headset

Madsen headset with 10-Ohm Telephonics TDH-39P (296D000-1) elements and [Wilfan Electronics HB7 headband](#). The cushions are [RadioEar item #8507196 Red and Blue Type 51](#).

This Madsen TDH-39P headset was purchased on eBay in October 2012 for USD\$9.99 + USD\$10.00 shipping.



Madsen Headset with TDH-39P (296D000-1) Elements and RadioEar item #8507196 Red and Blue Type 51 Cushions

Madsen Headset

Madsen headset with 10-Ohm Telephonics TDH-39P (296D000-1) elements and [Wilfan Electronics HB7 headband](#). The cushions are [Wilfan Electronics one-piece MX-41/AR type \(part number CU-1\)](#).

This TDH-39P headset was purchased on eBay in September 2010 USD\$7.99 + USD\$9.00 shipping.



Madsen Headset with TDH-39P (296D000-1) Elements and Wilfan Electronics MX-41/AR Cushions

Medelec Headset

Medelec Branded headset with 10-Ohm Telephonics TDH-49P (296D100-1) elements. The cushions are black Telephonics 510C017-1 (type 51). The elements from one set of these headphones were used in the [Aural Research AR-100 "Auraldomes" Headset](#) documented above.

Two sets of these TDH-49P headsets were purchased on eBay in August 2009 for USD\$6.95 each (free shipping).



Medelec Headset with TDH-49P (296D100-1) Elements and Telephonics 510C017-1 (Type 51) Cushions

Qualitone Headset

Qualitone branded headset with 10-Ohm Telephonics TDH-39P (296D000-1) elements and Telex branded headband. The cushions are [Pierce-Robert Red and Blue MX-41/AR](#) type.

This headset was purchased on eBay in June 2024 for USD\$15.00 + USD\$8.99 shipping.



Qualitone Headset with Pierce-Roberts Red and Blue MX-41/AR Cushions and TDH-39P (296D000-1) Elements

Telephonics Headset

Telephonics branded headset with 10-Ohm Telephonics TDH-39P (296D000-1) elements and a foldable HBA audiometric headband. The cushions are black Telephonics 510C017-1 (type 51).

This headset was purchased new-in-box on eBay in July 2025 for USD\$29.95. They were originally sold on Amazon.com through the ZJChao store and were still unused in their original box.



Telephonics TDH-39P Headset with Telephonics 510C017-1 (type 51) Cushions

