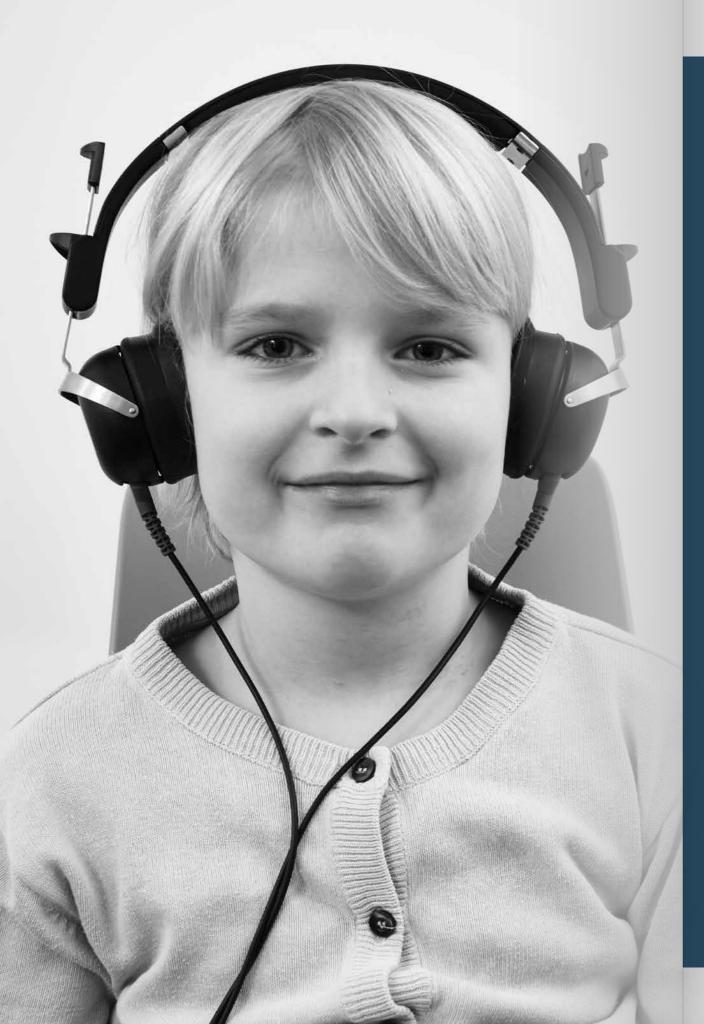
RadioEar





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Supra-aural Headsets

DD45 Adult audiometric headset

- Headband: HBA, foldable
- **))** Transducer: DD45
- Cable length: 2m
- Plug type: 30°, 2x6.3mm gold-plated mono jack



P4492X

Supra-aural Headsets

DD45 Adult audiometric headset

- Headband: HBA, foldable
- **))** Transducer: DD45
- Cable length: 5m
- Plug type: 30°, 2x6.3mm gold-plated mono jack



#8512446

#8506471

DD45 Pediatric audiometric headset

Headband: HB3100

P4492P

- •)) Transducer: DD45
- Cable length: 5m
- Plug type: 30°, 2x6.3mm gold-plated mono jack

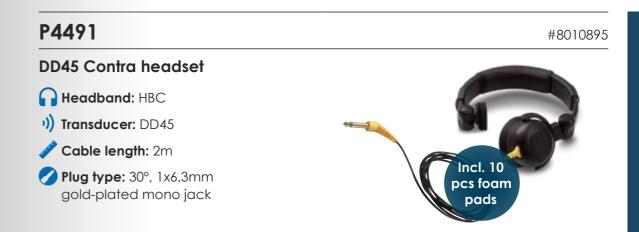
5 m cable

P4490

DD45 Audiometric headset

- Headband: RE-7
- •) Transducer: DD45
- Acable length: 2m
- Plug type: 30°, 2x6.3mm gold-plated mono jack





P4510

Contra headset Headband: HB3045C) Transducer: DD45 Cable length: 2m Plug type: Straight, 1x6.3mm



P4493

DD45 Adult audiometric headset

gold-plated mono mini jack

- Headband: HB3045
- Iransducer: DD45
- Cable length: 2m
- **Plug type:** 30°, 2x 6.3mm gold-plated mono jack



P4494

DD45 Adult audiometric headset

- Headband: HB3045
- •) Transducer: DD45
- Acable length: 5m
- Plug type: 30°, 2x6.3mm gold-plated mono jack



#8105676

Supra-aural Headsets Spare Parts and Accessories

P4421

DD45 transducer

Audiometric earphones engineered to match the performance and function of the most popular earphones available for audiological testing.

O 10 ohm receiver 💆 Easy installation

RoHS compatible



#8507268

#8507271

P4421S

🔗 Reliable

DD45S shielded transducer

The shielded DD45 is designed to prevent the stimulus, which is being delivered to the DD45 transducer, from radiating outward, thus 'shielding' the ABR test electrodes from unwanted acoustic artifacts and providing more accurate ABR test results.

O 10 ohm receiver ☆ Easy installation **Reliable** RoHS compatible

10 ohm

P4422S

Matched Pair Shielded DD45 10 Ohm Transducer

For ease of calibration with certain equipment, the DD45 matched pairs are carefully measured and evaluated to ensure that they have the same sensitivity at all standard audiometric frequencies.

O 10 ohm receiver 💆 Easy installation Reliable

RoHS compatible

P4422

Matched pair of DD45 transducers

For ease of calibration with certain equipment, the DD45 matched pairs are carefully measured and evaluated to ensure that they have the same sensitivity at all standard audiometric frequencies.

🜔 10 ohm receiver 🛛 💆 Easy installation Reliable





#8121030



#8517296

#8507196

Matched pair of DD45 transducers

For ease of calibration with certain equipment, the DD45 matched pairs are carefully measured and evaluated to ensure that they have the same sensitivity at all standard audiometric frequencies.

Q 300 ohm receiver
 ♀ Reliable
 ♀ RoHS compatible

300 ohm

P4451

Type 51 Ear Cushion Black, 1 pc.

Supra-aural Headsets Spare Parts and Accessories





Type 51 Ear Cushion set

P4471

Foam pad for HB3045C headband 10 pcs.





P4452

Red & Blue, 1 set.

#8507206

#8507211

DD45 Contra headband

Tension: 4,5 N ±0.5N



HB3045

RE-7

Black.

Adult Easy Adjust DD45 Headband

Tension: 4,5 N ±0.5N



RE-7 v2 headband with 2 yokes

#8507208 **HB3100**

Pediatric Easy Adjust DD45 Headband

Tension: 10 N ±0.5N



HBA	#8010882

Foldable audiometric headband Black, foldable.



#8537014

P4431 #8507205

Single Mono earphone cable

- Cable length: 2m
- **Plug type:** 30°, 1x 6.3mm gold-plated mono jack



_				

P4432

#8507203

Dual Mono earphone cable

- Cable length: 2m
- **Plug type:** 30°, 2x6.3mm gold-plated mono jack





P4434 #8107358

Dual Mono Earphone

Plug type: straight mini jack 3.5mm

Cable length: 2m

P4425

#8507204

#8004246

#8513343

Dual Mono earphone cable

Cable length: 2m

Plug type: Straight, 2x6.3mm gold-plated mono jack



P4432X

Supra-aural Headsets Spare Parts and Accessories

- Dual Mono earphone cable
- **Cable length:** 5m





P4426 #8513344

DD45 HEX 0,9mm screw





HEX screwdriver for 0,9mm screw

Headband Cushion



P4453

Black, 1 pc.

#8010857

Disposable cushion covers 3"

Bag/500 pcs





#8107419



MX41 cushion for DD45 and TDH39

12 | Supra-aural Headsets Spare Parts and Accessories

Circumaural Headsets

DD450 High frequency headset

The DD450 is a circumaural headset that can be used for audiometry testing in the standard audiometry range 125 Hz - 8 kHz as well as high-frequency testing up to 20 kHz. The DD450 complies with IEC-60645-1 and ANSI S3.6 up to 16 kHz. When using an IEC60318-1 coupler with a type 1 adaptor on an artificial ear, the standard allows for calibration using the RETSPLs.

RoHS compatible



- Gold-plated connectors

P6010

DD450 High Frequency Headset

- **Cable length:** 2.5m
- **Plug type:** 30°, 2x6.3mm gold-plated mono jack



P6011

P6012

Plug type:

mini jack

DD450 High Frequency Headset

DD450 High Frequency Headset

Cable length: 2.5m

Cable length: 2.5m

Straight, 1x3.5mm

gold-plated stereo





#8520325

#8520321

#8520324

DD450 High Frequency Headset

Cable length: 2.5m

P6013







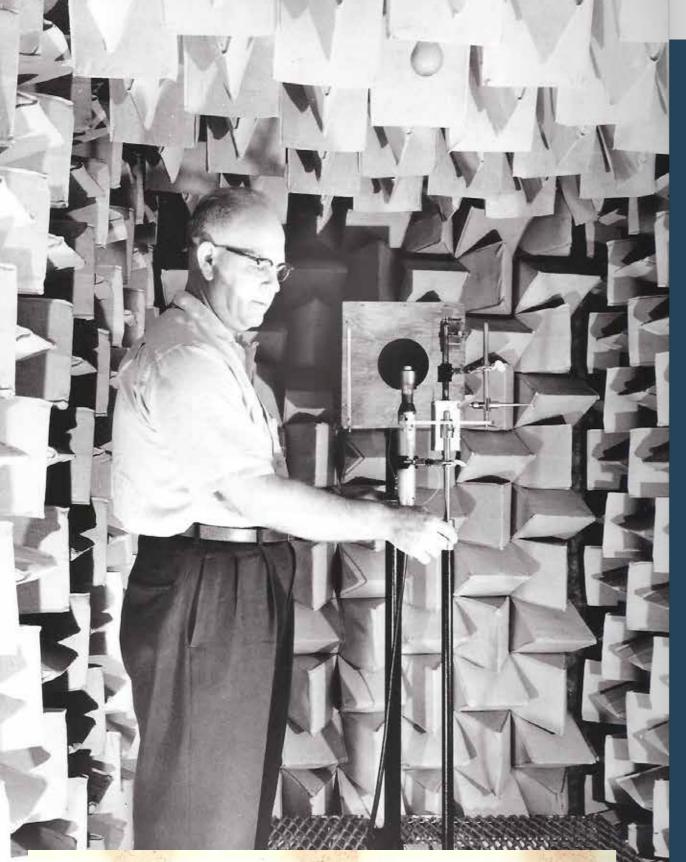
DD45AA 10Ohm

Cable length: 2m

Plug type: 30° mono DD51, 2000mm Amplivox audiocups







Circumaural Headsets Spare Parts and Accessories

HEARING AID MEASUREMENTS

Anechoic Wedge Room in the Radioear Laboratory. Engineer William Steele is setting up a hearing aid to be tested in this room. The highly absorbent Fiberglas wedges "deaden" sound reflections that might otherwise make measurements inaccurate.

P4462 #8517491

#8517500

#8517504

RadioEar Circumaural Headband assembly

P4635

Spare parts for Circumaural Headsets

RadioEar Circumaural Headband cable

- **Cable length:** 2.5m
- **Plug type:** 90°, 1x 3.5mm gold-plated stereo mini jack



P4633

RadioEar Circumaural Headband cable

- **Cable length:** 2.5m
- **Plug type:** Straight, 2x6.3mm goldplated mono jack



RadioEar Circumaural Headband without cable

#8518613



P4632 #8517507

RadioEar Circumaural Headband cable

- Cable length: 2.5m
- **Plug type:** 30°, 2x6.3 mm gold-plated mono jack



#8517503

RadioEar Circumaural Headband cable

- Cable length: 2.5m
- **Plug type:** Straight, 1x3.5mm goldplated stereo mini jack



P4461

P4640

cushion

RadioEar Cushions for Circumaural Headbands



P4639



Sanitation Kit DDxx

P4910

#8000770

Replacement kit, containing set of new cushions and felt. Designed to maintain hygiene and prolong the life of DD65v2 and DD450 headsets.

#8524258

#8010855



Amplivox Audiocups, headset assembled, ex transducers







RadioEar Circumaural headband

P4641 #8513404

Disposable cushion covers 4" Bag/100 pcs



Bone transducer headsets



P1012

- **B71 Bone transducer headset**
- **Ohm:** 10 ohm
- Cable length: 79"/200 cm molded cord
- Plug type: 30°, 1x6.3mm gold-plated mono jack
- Gold-plated mono jack



P3010

B71 Bone transducer headset

Q Ohm: 10 ohm

Cable length: 79"/200 cm molded cord

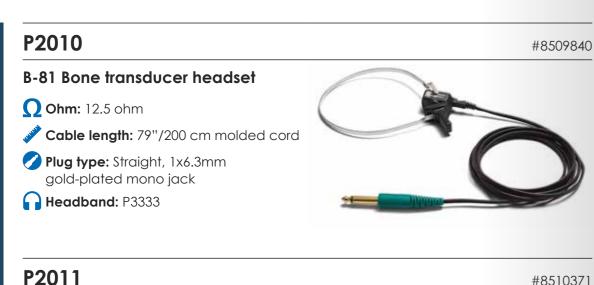
Plug type: 3.5mm plug

P1030

B71 Bone transducer headset with 10 pcs AMBAND elastic bands
Ohm: 10 ohm
Cable length: 79"/200 cm molded cord
Plug type: 30°, 1x6.3mm gold-plated mono jack
Headband: P1188 AMBAND

#8510370

#8519447



#8510371

B-81 Bone transducer headset

Ohm: 12.5 ohm

Cable length: 79"/200 cm molded cord

Plug type: 30°, 1x6.3mm gold-plated mono jack Headband: P3333



#8511361

B-81 Bone transducer headset with 10 pcs AMBAND elastic bands

Ohm: 12.5 ohm

P2030

Bone transducer headsets

Cable length: 79"/200 cm molded cord

Plug type: 30°, 1x6.3mm gold-plated mono jack

Headband: P1188 AMBAND

AMBAND elastic headband - for a perfect fit





AUTOMATIC COIL WINDING

Rosemary Robert is operating an automatic-winding machine, producing tiny Radioear coils. This machine winds microphone coils, receiver coils, Phonemaster coils and transformer coils for Radioear hearing aids. Automatic controls permit winding exactly the correct number of turns. On many coils the wire is smaller than the diameter of a human hair and one of the spools of wire may contain as much as 25 miles of this fine wire!

B71 lead free std. bone transducer

Since its introduction in the 1970s the RadioEar B71 has been the bone transducer of choice for audiometric testing. In response to RoHS directive 2011/65/EU, which took effect in July 2014, RadioEar has developed the B71 bone transducer.



RoHS compatible

Q Outstanding quality

Bone transducer accessories and spare parts



B-81, 12.5 ohm high output bone transducer

The B-81 is an enhanced bone transducer which achieves higher output levels at low frequencies with a superior distortion performance. With the B-81 it is now possible, for example, to reliably measure bone conduction thresholds up to 50 dBHL at 250 Hz.

The B-81 is based on the Balanced Electro-magnetic Separation Transducer (BEST principle), where static forces are counter-balanced so that non-linear distortion forces are reduced and maximum output levels can be increased. Furthermore, the robust mechanical construction results in a significantly improved shock resistance compared to conventional designs.

The B-81 is compatible with all standard headbands and high quality cables. It also has the capability of using a custom cable designed to securely attach the plug to the transducer body. This safety feature eliminates the risk of accidentally unplugging the device while in use.



Secured plug concept

RoHS compatible

B-81, 12.5 ohm bone transducer

Ohm: 12.5 ohm at 1 kHz



#8506737

P3333

Headset for B71 & B-81



P3333C

Covered headset for B71 & B-81



P1188

AMBAND elastic headband

10 pcs.



P3288-1

Replacement pad 10 pcs.



#8507213

#8506712

#8507214

Cables for B71 and B-81

Bone transducer accessories and spare parts





Insert earphone transducer headsets

IP30 Insert earphone

The IP30 Insert earphone from RadioEar has been designed to meet the ISO 389-2 standard and matches the performance of the most popular insert earphones used in the industry today. These devices have proven to be quite accurate in a variety of testing conditions and are very effective in filtering out unwanted background noise. This makes them an ideal choice for non-ideal examination settings. Additionally the RadioEar IP30 Insert earphone does not require the use of bulky uncomfortable headbands.

The RadioEar IP30 Insert earphone is available in 10 ohm and 50 ohm impedances, as well as versions designed for use in AEP and contralateral applications.

- 😵 Ideal for testing in non-ideal surroundings
- Lightweight and compact
- RoHS compatible



Insert earphone transducer headsets

IP30 Insert earphone

- **Ohm:** 50 ohm
- Cable length: 2m
- **Plug type:** 30°, 2x6.3mm gold-plated mono jack



P5012 #8101892 **IP30 ABR Insert earphone** ABR **Ohm:** 50 ohm 50 ohm Cable length: 2.9m **Plug type:** 30°, 2x6.3mm gold-plated mono jack P5040 #8108559 **IP30** Contra Insert earphone **Ohm:** 10 ohm Cable length: 2m **Plug type:** 30°, 1x6.3mm gold-plated mono jack



#8101894

P5041

IP30 Contra Insert earphone

- **Ohm:** 10 ohm
- Acable length: 0.5m
- **Plug type:** Straight, 1x3.5mm gold-plated mono mini jack

P5013

IP30 Insert Earphone

- **Ohm:** 10 ohm
- 🖋 Cable length: 5m
- **Plug type:** 30°, 2x6.3mm gold-plated mono jack

P5014	
IP30 Insert Earphone	

Ohm: 50 ohm

#8514834

- Cable length: 5m
- **Plug type:** 30°, 2x6.3mm gold-plated mono jack



Insert earphone accessories and spare parts

P5051

IP30 Insert earphone cable

Cable length: 2m

Plug type: 30°, 2x6.3mm gold-plated mono jack



P5052	
IP30 Insert earphone cable	

- Acable length: 2m
- **Plug type:** Straight, 2x6.3mm gold-plated mono jack



#8107179

#8528812

IP30 Contra Insert earphone cable

Cable length: 2m

Plug type: 30°, 1x6.3mm gold-plated mono jack



P5054

Insert earphone accessories and spare parts

#8108193

IP30 Contra Insert earphone cable

Cable length: 0.5m

Plug type: Straight, 1x3.5mm gold-plated mono mini jack



P5055

#8518088

Cognition custom cable for IP30

- Cable length: 550mm
- **Plug type:** 2.5mm jack



P5070

connectors

1 set.

IP30 Sound tubes incl. tube

#8507327

P5071

IP30 Contra sound tube incl. tube connectors and ear tip adaptor

#8507328

#8507406

#8507410



P5074

10 pcs in kit.

IP30 connectors

IP30 Sound tubes for the Sanibel[™] Infant EarCup™ 1 set.

P5073 #8507405

IP30 Sound tubes for the Sanibel[™] ADI ear tips 1 set.



		IP30 Fast	ener kit
#850	7332	P5075	

10 pcs







SP85A

#8104162

Table Top Active Speaker

Thick MDF walls with internal bracing minimize unwanted resonance and distortion. Heavy internal sound-damping material is used to reduce unwanted sound reflections inside the cabinet. It has smooth cabinet edges, containing tuned front-port slots. Easily accessible ON/OFF switch on back and removable protective front cover.



Wall mount kit for SP85A speaker;

Sound room speaker



SP90

Speakers & Amplifiers

#8100693

Wall/Corner Mount Passive Speaker, pair

RadioEar brings you the compact audiometric speakers. With superb sound quality and specification, they will fit perfectly into your office or sound room environment. They have a robust and durable design with no compromise in style.

Table Top Active Speaker, pair

Thick MDF walls with internal bracing minimize unwanted resonance and distortion. Heavy internal sound-damping material is used to reduce unwanted sound reflections inside the cabinet. Easily accessible ON/OFF switch on back and removable protective front cover.



Available accessories:

#8506330

SP90A Speaker Mounting Kit

SP105

High Performance Speaker

State of the art speaker system for audiometry threshold testing. The SP105 speaker is specifically designed to meet your uppermost demands for free field audiometry testing. It shows outstanding performance, especially with the RadioEar AP70 amplifier, where it will reach 127 dB SPL at 1 kHz with a distortion level less than 1%.



SP80

Free Field White 4" Bookshelf speaker (pair)

The SP80 is a speaker specially designed to fit into the stylish environments of hearing aid dispenser clinics. The white casing and front cover ensures a neutral design, not taking away the attention from the clinician performing the test. The speaker fulfill the demands to free field speech testing in a hearing testing environment and is a great option in those cases where a setup is needing to support a certain style in an environment and an amplifier is already available from within the audiometer.



#8522465

AP12

#8528437

Stereo Amplifier

Small and stylish audiometry amplifier with the solid performance. Tailormade for Free Field hearing testing with non build-in amplifier audiometers and passive speakers. A good fit with the RadioEar SP80 and SP75 speakers. Simple input option providing a nononsence setup procedure for the install technician. Direct control from the audiometer through Line-out options for Free Field testing.



AP70

#8103025

Free Field Amplifier

Top of the line high performance audiometry amplifier for free field hearing testing. Class leading fidelity – thanks to innovative input circuits and 'hum' elimination. It has multiple input options providing interfaces to all standard audiometer outputs. It is remote controlled on/off from the audiometer. The perfect partner with our flagship speaker set model RadioEar SP105.



Miscellaneous

Miscellaneous

#8505952

EMS400 Electret microphone

Cable length: 1.5m

Plug type: 30°, 1x6.3mm gold-plated stereo jack



P7710

EMS400 Electret microphone mini jack

- Cable length: 1.5m
- **Plug type:** Straight, 1x3.5mm gold-plated stereo mini jack



Improve Quality

RadioEar's wide-range of product offerings includes a full line of audiometric transducers and accessories. RadioEar's bone transducers have survived the test of time. For nearly a century, RadioEar transducers have been recognized world-wide for their enduring value. With our expanding product line, RadioEar customers now enjoy the convenience and savings of buying audiometric transducers and a complete line of compatible accessories from a single reliable source. Our customer care team is skilled in managing international sales and serving both large and small customers alike.



RadioEar's attention to quality and commitment to customer satisfaction has made RadioEar products a favorite of audiometer manufacturers around the globe since 1950.

RADIOEAR

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Nearly a century of innovation and evolution

with a constant focus on the needs of the audiology community

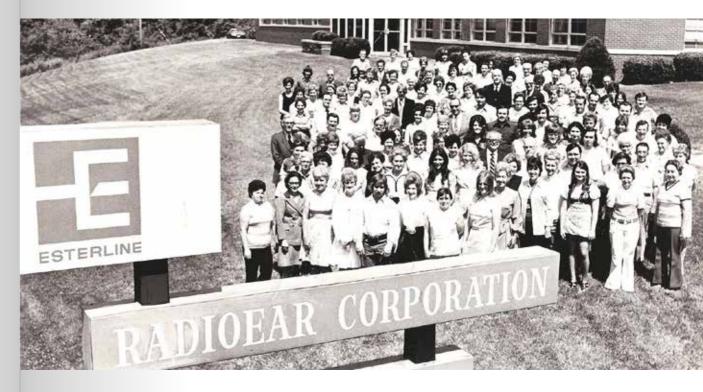
RadioEar was founded in June 1924 by Edward A. Myers. Known as 'E.A.' to his employees and associates, Myers began his career in 1896 as an attorney in Indiana and had become an exceptionally trial lawyer when he developed a serious hearing impairment shortly after the turn of the century. The hearing loss prevented him from continuing as a lawyer, so he entered and successfully pursued another field, that of engine manufacturing, including the manufacturing of the 'Great Western' automobile.

E. A. moved to Pittsburgh in 1912 and was exposed to the first broadcasting in the world from radio station KDKA. Unfortunately, his hearing loss prevented him from being able to hear anything at all on the 'crystal' set. E. A. and a Westinghouse engineer, George F. Harrington, then built a vacuum tube radio that was six feet long and powered by automobile batteries providing a total of 135 volts.

Using a headset, E.A. listened to the June 25, 1924 broadcast of the National Democratic Convention ; he was able to hear the broadcast very well and the concept of RadioEar was born. The first 185 lb. cabinet model hearing aid was completed by September 15, 1924 and was called RadioEar. Samuel F. Lybarger, son-in-law of E. A. Myers, joined the company in June 1930. Sam was the chief engineer for RadioEar from then until his retirement in 1973. Sam was a leader in the field of hearing health care, wrote many articles and held many patents. RadioEar introduced the first magnetic microphone for use with hearing aids in 1946. Sam Lybarger invented the bone conduction transducer in 1948-49, with the first sales in 1950. The model B71 bone vibrator was introduced in 1973 and has remained the accepted standard of the industry.

RadioEar was sold to Esterline Corporation in 1970 and then sold on to Page Mill I in 1978. Three long-time employees of RadioEar, Harold Holsopple, Walter Piroth and Andrew Kriceri purchased RadioEar in 1982. RadioEar ceased the manufacturing of hearing aids in the mid 1980s and concentrated on the production and sale of bone vibrators. The primary use of the RadioEar B71 bone vibrator was with audiometers in diagnostic testing. While continuing to produce the world's dominant bone conductor, RadioEar has constantly sought out new technologies to enhance their transducers. This search has, for example, resulted in a very fruitful collaboration which led to the introduction of the B-81 to the RadioEar portfolio. The balanced armature of the B-81 permits higher output levels at low frequencies with less distortion.

From 2000 and onwards, RadioEar has been able to benefit from even greater partnership opportunities leading to recent expansion of the RadioEar product line which now includes air transducers, headsets, insert earphones and speakers.





Worldwide delivery

Helpdesk

info@radioear.us USA & Canada Rest of world

Mel.

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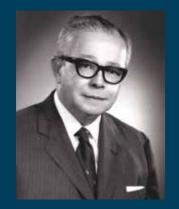
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% +48 9144 77500

Services

Our customer care team is skilled in managing international sales and serving both large and small customers alike. **ED**.,

LAN A TRADUCT



"Quality of service is just as important as quality of product"

E. A. Myers, Founder, RadioEar



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