FINESS AUDIO

Buyer's Guide

Volume 11

AEROMIX

BAQUAPAK

E*MIC

W-MIC

EGLOOP

PAUSTRALIA

Cyclemic

fing audio

Take a look inside at our range of audio products for the Fitness Industry and other specialty applications. We've made our name supplying the best sweat resistant and waterproof headworn mics, and now we offer you our Fitness Audio wireless systems, audio mixers, headphones and accessories and WES - our brand new Wireless Entertainment Systems.





AEROMIC ARMBAND POUCH

Now in a straight pouch with a one-size-fits-most elastic armband. It'll also hold an MP3 player when you're out jogging.

AEROMIC POUCHBELTS

Aeromic Standard Black Pouchbelt (straight pouch) Also available in large size with an 106cm waist. Can be supplied with either black plush or standard yellow Aeromic logo.

AEROMIC HIPSTER POUCHBELTS

The Hipster is worn on your left hip with the angled pouch firing the cable behind your back. It's easier to get at the on/off switch and stays drier for not being at the bottom of your spine – now that makes sense! Recommended for cycling and yoga style classes and available in Black, Red and Blue.

AEROMIC ZIPSTER POUCHBELTS

The double zipper on our Zipster Pouchbelt secures the transmitter and gives easy access. Big sweat problem? Put the Transmitter in upside down and seal it up at the top.

Available in Black only.

AEROMIC CAMOUFLAGE STANDARD AND HIPSTER BELTS

Now available in 3 colour camouflage stretchy neoprene.

Army Brown – straight or hipster pouch. Larger waist available at no extra cost – limited numbers only.







AEROMIC

Made in Sydney – the Aeromic AM10 is the sweat resistant Fitness Instructor's microphone that really is the industry standard.

Since 2008 every Aeromic sold with a serial number starting with an 8 or 9 has the new PhatFrame* developed by Peter Paisley that adds more strength to the one-piece frame. The PhatFrame can be molded to a firm fit for a wide range of head shapes and sizes, and is the only mic we know of that is guaranteed for two years* against sweat death, even if it is used for up to 7 classes a day, 7 days a week. Exclusive features include

an all-steel cable, a clear protective sleeve

over the yellow boom arm and four layers of sweat defence at the connector and a protective gold nylon mesh screen to further protect the capsule. We hate to say it's indestructible – but it's the next best thing!





CYCLEMIC

The Cyclemic is an orange and black Aeromic reshaped with a "J" curve at the end to help drain the sweat away from the frame, giving greater reliability in the face of some of the sweatiest instructors on the planet - Cycling Class Instructors! This is because as a "no impact" class they tend to keep their heads in a fixed, leaning forward position and don't have the freedom of other group fitness program Instructors to move about and "aerate" the mic capsule as they teach.

It's the same price, the same great Aeromic build quality and it's covered by our conditional Two Year "No Sweat" Warranty – unheard of with other headworn mics.



T3

To ensure Aeromic compatibility, check that your transmitter is one of these brands with the format of panel plug shown.



Fitness Audio, Chiayo, Shure, EV/Telex, TOA, MiPro

T4



AKG, Samson



Audio Technica

HRS



TRS Mini-Jack Sennheiser only







^{**}P.H.A.T. stands for Perspiration Heavy Activity Technology



E-MIC

Here's a lower cost, sweat protected headmic for the independent Instructor. It's also suitable for Group Fitness instruction at the 2 to 3 classes a day level like Circuit Training. The noise cancelling capsule makes it very good for gentle exercise teaching Yoga, Pilates and Aqua Fitness where a closer mic position for a quieter controlled level voice is the norm. The E•Mic's comfort factor has been improved with the inclusion of a new self-adjusting headband replacing the two part lockable strap, and it now has a smaller windscreen. The E•Mic is supplied with all the same connectors as shown for the Aeromic.

The E•Mic is now available in four colours, we suggest: Yellow for Group Fitness and Circuits, Blue for Aqua and Red for Boxing or Stretch Classes or you can just choose Black and be conservative...



THE BAQUA-PAK

Baqua-Pak!

Our in-Water Mic Option

Give your instructors the freedom to teach Aquarobics classes in or out of the water! The Australian designed Baqua-Pak system comprises of the Baqua-Mic, an in-thewater adaptation of the E•Mic; the Baqua-Case, a water-proof case to protect the valuable VHF transmitter while it works in the wet; the Baqua-Pak that holds the Baqua-Case high in the water between your shoulder blades so that it transmits radio signals better; and a special 9 Volt NiHi Battery Recharger. Make a bigger splash at your pool with

Over 100 Baqua-Pak Systems purchased by U.S. Pools every year!

FITNESS AUDIO

16 channel UHF Wireless System with 2 Year "No Sweat" Warranty*!

Here's our 16 channel UHF Transmitter made for fitness users. It has a simple case – no hinges or flaps, no external antennas to break off and just one on/off switch. It is 9v Battery powered and the circuit board inside is protected from sweat damage by a coating of Australian designed corrosion inhibitor. We deliver it with a dab of eGloop in the panel plug and on the battery tags – it's a break-

Nomina Hallandia De Series Andreas (1999).

through in sweat protection! The Fitness Audio Transmitter is compatible with all mics wired for Chiayo or MiPro Transmitters and the receiver matches the Aeromix and Mini mixers perfectly.

M(Caudio



Also available is the Fitness Audio V Series single channel VHF system shown at left. It has the same anti-sweat corrosion coating and Two Year "No Sweat" Transmitter Warranty.*

FA receivers are recommended for use inside racks with the optional Rack Mounting Kit shown below.

Accessories

- Fitness Audio rack mount kit with Antenna plate
- Balanced XLR-F to TRS Jack lead (Wireless Rx to Aeromix 2+2DC)
- Fitness Audio extra 16 Ch. UHF Transmitter
- Fitness Audio VHF Transmitter
- eGloop grease prevents sweat corrosion in cardio electronic and audio connections

*Conditions apply – the full Two Year Conditional "No Sweat" Warranty Statement for Fitness Audio Transmitters can be found at http://www.aeromic.com.au/2year.html

BULK BUY BATTERIES

We recommend Eveready Industrial Alkaline Batteries

- 9V Longlife Batteries
- 9V 12-pack purchased with Fitness Audio wireless Tx
- AA 4-pack purchased with AKG wireless Tx
- AAA 4-pack purchased with E-Mic/Airline system
- AA or AAA 24 pc carton

Rechargeable Nickel-Metal-Hydride Batteries

- AA's and AAA's 1800mAh 4 pack
- 9.6v NiHi Batteries
- NiHi pack Charger plus 4 x AA's or AAA's
- NiHi pack Charger plus 2 x 9V Batteries







FITNESS AUDIO MINI MIXER

Introducing the new HRX-32 Mini Mixer – a purpose made Voice over Music Mixer for use in studio systems on a budget. Connect one or two wireless mic receivers and a CD Player into the sockets on the back, and rack mount it



with the optional kit. Features an auto selecting MP3 Player input socket in the front panel and an iJax hook-up cable is supplied.

The Mixer has separate Voice and Music Volume and Tone Sweep Controls. The set and forget Master Volume control is hidden away on the rear panel. It has matching styling to the Fitness Audio Wireless Receiver and 2 Balanced Mono 6.35mm TRS output jacks on the back allow connection to a Power Amp or Powered Speakers.



AEROMIX 2+2DC

It can control the maximum sound level in your studios!

Our premium Voice over Music Stereo Mixer has been updated with an outboard DC Powerpack and now incorporates a new SPL Music Cut-out Circuit that works in conjunction with the Sound-Ear SPL Monitors as described on the SoundEar page.

You can still mix 2 Voices over 2 or 3 choices of music; other features of the 2+2DC Mixer are an auto-selecting input socket with an iJax hook-up cable supplied for use with Instructor's MP3 Players – they just walk up, plug in and play. There's also a Music Mute Relay for OH&S evacuation control which is often required by public institutions – if there is a fire in the centre, the alarm will mute the music to the sound system but leave the instructor's mic at full volume to control an orderly evacuation. An extremely useful feature in the event!



Accessories

- Fitness Audio Rackmount Kit with Blank Filler Panel (HRX-32 only) (shown above)
- Fitness Audio Rackmount Frame Kit (for HRX-32 + U or V Series Receiver)
- Balanced XLR-F to XLR-M Cable (Wireless Rx to the FA HRX-3 Mini Mixer)
- Balanced XLR-F to TRS Jack lead (Wireless Rx to Aeromix 2+2DC)
- Balanced TRS Jack to XLR-M lead 1m for power amps (2 required)
- Balanced Output Cable: 6.35mm TRS to 6.35mm TRS jack 1m lead (2 required)
- Unbalanced Output Cables: 6.35mm to 6.35mm jack 5m lead
- Balanced Output Cables: 6.35mm TRS to XLR-M 10m lead
- iJax cables for instructor's MP3/CD players





TINE (Saudio

NUMARK DJ CD PLAYER

- Selectable ±8/16% pitch ranges
- Friendly Layout Large Start/Pause button
- Buffered Anti-Shock™ memory protection
- Plays Audio and MP3 CDs

NUMARK IDEC IPOD® PLAYER

From Numark the DJ Brand

- 2 RU rack mount size
- Large Rubberised control buttons
- Big Jog wheel for playlist selection
- Infrared remote control with lanyard



E•Mic / AIRLINE

The E•Mic Airline System is intended for teachers of low sweat fitness activities like Yoga, Pilates, Stretch and Dry Aqua in big classes and also for independent Dance and Fitness Instructors to use for up to three classes a day. It is not recommended for continuous multi-user classes or high sweat classes in excess of 60 minutes at a time. The system is now supplied with the latest half rack twin antenna receiver supplied in a hard shell carry case.

The E•Mic Airline System features:

- AMA's exclusive sweat protected E•Mic in three colours
- Noise Cancelling Capsule on a flexiboom
- Headset mounted transmitter with sweat-protected PCB
- 1 x AAA battery operation typically 14 hours airtime
- Six UHF frequencies available for less interference
- Half rack size Diversity Receiver
- Electronics by Samson Wireless
- Jack to Jack Cable supplied

Accessories

- Packet of 4 quality foam E•Mic windsocks
- Balanced XLR-F to XLR-M Cable (Wireless Receiver to the FA HRX-3 Mini Mixer)
- Alternative Balanced XLR-F to TRS Jack lead (Wireless Receiver to Aeromix2+2DC)
- Samson Rackmount Kit for the Wireless receiver
- AAA 4-pack purchased with E-Mic/Airline system





The original Samson Airline System is also available, but without the AMA sweat protection





CD AOUA SOUND SYSTEM

This is the latest Portable Aqua Fitness PA System from Chiayo – the Adventurer. It comes with a built in CD/USB Player, a 16 ch. UHF wireless receiver with a 50 watt powered speaker and rechargeable batteries. The clip-on trolley allows you to wheel it about. The noise cancelling capsule in the E•Mic means you only hear the Instructor's voice over the music. Completing the "dry land" mic package is a matching Transmitter and an Aeromic Pouchbelt.

An exclusive VHF version fitted with longer-lasting batteries is available for use in Melbourne, Sydney and other markets.





PA System with CD PLAYER

Also suited for Corporate, Community and Schools Fitness Classes is the Chiayo Challenger CD System that features a 16 channel UHF Receiver with a 75w powered 10" 2-way speaker inside as well as a USB+CD Player and rechargeable batteries.

Completing the system is an Aeromic microphone and pouchbelt with a matching transmitter and a heavy duty tripod.



Both Chiayo portable systems feature a new combined CD/USB MP3 player.





PRO AUDIO MICS FOR OTHER APPLICATIONS

We just don't specialise in mics for fitness instructors! We also have our Aeromic and V•Mic Microphones for PA Hire Departments, Theatres, Education Lecture Halls, Video Production Houses, Amateur Musical Societies and Worship Centres. We offer all these mics with the same selection of connectors and wirings as shown on the Aeromic fitness mics page.

Aeromic AM15L. It is a very small handmade mic for theatre and lecture uses. It's mechanically isolated capsule minimises clothing noise and is serviceable, not disposable like many others. It is available with Black or Beige cable and comes with a tie clip. It can also be used as a hairline mic for theatrical productions with its side-out capsule aperture.

Aeromic AM12HB or **AM22HB**. They look the same from a distance but close up you'll find a rear port on the AM22HB's capsule indicating it has a cardioid pattern made for lead vocalists. The omnidirectional AM12 uses the same capsule as the fitness versions but without the sweat screens so it's top end response is truer and more extended. Both mic's SPL levels are boosted by the addition of our exclusive EVS circuit that provides the capsules with a more even voltage to give you high sensitivity, high output and high SPL to work with. Finished in black they are supplied with a windscreen.

The **VF60** is light, comfortable and stays in place no matter how vigorous the movements of the performer. The really small 2.5mm wide mic capsule is mounted on what must be the world's thinnest gooseneck at 3mm diameter and is attached to a low profile 2 part surgical steel frame.

The VF60 exhibits a full flat frequency response and an omnidirectional polar pattern for outstanding clarity and a natural sound with no proximity buildup.

There's no doubt that this headset will be excellent for stage presentations, musicals, public speakers and on-camera corporate video presentations. Also available in Black as well as Beige

The **VM02** is also known as the **Earmic** – a miniature mic on a low profile flexible beige boom – it really is "thinvisible" with the windsock removed for indoor presentations. There's a clip to stabilise it to a collar and the cable can run down to the transmitter pack under a jacket, this mic is excellent for platform speakers, theatre work and speak to camera video presentations.













THE FITNESS AUDIO PERSONAL PA

Great for Fitness Trainers and Swimming Instructors plus Tour Guides, Teachers and Voice Coaches...

Save your voice when you walk and talk with groups – get this battery powered Waistband Amp and Headmic set and be heard up to 50 meters away. Finished in all black with a longer waistband, it includes six rechargeable AA batteries and Power pack.



Replacement parts available include Headmics, NiMh Batteries and 15v Powerpacks.

Broken Headmic Strap? This'll Fix It!

Don't waste a perfectly good mic because the headstrap has broken – just purchase a Universal Headband from Fitness Audio and it'll be fixed in a jiffy and ready to use again. Works fine with any headmics from Shure, Audio Technica, Chiayo, Redback, Samson, our



DEOXIT AND EGLOOP... AN UNBEATABLE COMBINATION!

No-one has seen more sweat-affected connections than we have – and this is how we cure the crackles and prevent their return to the service bench. We clean the dirt from both male and female connectors with Deoxit DM5 lubricant and cleaning agent; then dab a little bit of eGloop in the panel plug or socket, and a touch more on the battery tags it's done. No Group Fitness Coordinator or Club Maintenance Tech should be without this essential fix-it kit.

THEATRE POUCHBELTS

own E•Mic and others.

We also supply low show neoprene pouch belts without logos for PA rental, TV and film production companies, theatre groups, sports referees and coaches' assistants.

The AM12PB Beige mic belt features a vertical pouch, no buckle Velcro fixing system and its low visibility minimises show through on stage under lights.

The all white Theatre Pouchbelt is available with an MoQ of 50 pieces - it is also a Velcro fixing wrap-over belt but with a horizontal pouch and Tx retaining strap. It is

preferred by some rental companies who include one with each mic system rented - wash it on return and rent it out again.

The pouches are big enough to hold all modern wireless transmitters as well as many current comms transceivers. All styles can be supplied in Beige, White, Grey and Black with options of 2 or 3 pouches for sports TV broadcasters special requirements.







SoundEar Monitors can give you the answer constantly...

SOUNDEAR SPL MONITOR

The SoundEar 2000 is a Sound Pressure Level (SPL) Monitor that constantly measures the loudness level in your fitness studios. You hang it just above head height and between the speakers, in line with the 3rd or 4th row in a class and power it from above. It should be in full view of the instructor and the class, visually indicating when the recommended sound level has been exceeded by illuminating the red WARNING light. Constant illumination of the WARNING sign is an indication that your sound levels are bad for your instructors' long term hearing health and not too good for the class members either.



Consider it a management control device while we still have self regulation on loudness levels. In the UK and Scandinavia many systems have to be linked to "traffic lights" where the lighting up of the red light causes a 30 second interruption to the power supply of the sound system – and a very embarrassing silence! We can do this without interrupting the power supply by using our new Aeromix 2+2DC Mixer. In other cities around the world, local government regulations for late opening pubs and early opening fitness clubs already require the addition of an SPL sensing and power interruption device to sound systems – potentially adding thousands to the installation costs. The SoundEar 2000 Panel represents an alternative system for less outlay.

AND NOW THE NEXT STEP: LINK THE SOUNDEAR TO THE AEROMIX

The SoundEar SPL Monitor is linked to a new rear panel connector on the 2+2DC Mixer using standard 2 pole speaker cable. The SPL setting on the SoundEar Monitor is set at 95dB and positioned out of the line of direct sound from the speakers about 2.5m up a wall from the floor. The yellow warning light illuminates at 90dB and the red light allows for a 2 second illumination before the cut out switch kicks in – leaving just silence for a few seconds. The recovery time is adjustable from 2 to 60 seconds but the Music and/or Mic Volume control must be turned down a touch by the instructor to avoid a repeat cut out.

The real purpose of this circuit is to empower the instructor with the knowledge of how loud is too loud relative to the number of people in the class. They can then comply with OH&S guidelines on noise levels in the workplace by learning to mix the sound to the yellow inner circle of the SoundEar.





AND NOW HERE'S THE SOUNDEAR PRO!

Real time SPL monitoring in any area of the building – use exclusive 2.4Gig wireless Sensors to measure the sound levels around the club. Is there more than 65dB escaping through the front door? More than 85dB in the weights and reception areas? Under 95dB in each of the studios? Monitor up to 10 line-of-sight locations all in real time on the Manager's PC or laptop – we'll show you how it's done. It's a Sound (id)Ear for the Pros!





SOUNDLOG

device included. It measures the SPL in the area, taking an noise level snapshot every two minutes of every hour of every day for up to 30 days. It is supplied with a software program to interpret the data on a PC so you can produce graphs and charts documenting what happened on every day – see who was too loud when the boss wasn't there!

The SoundLog is a version of the SoundEar Monitor Panel with a logging





INTRODUCING WES FM TRANSMITTER FROM FITNESS AUDIO

When your members train on cardio machines to maintain their fitness while listening to the audio from a TV screen or music programme then you have Fitness Audio! And now the best name for any Wireless Entertainment System has a selection of UHF and FM Transmitters and a brand new receiver that puts the others in the shade. Check out our answers to the FAQs below then call for a quote.

Fitness Audio WES FM transmitters feature:

- Dual Diversity Antenna System static and drift free transmission.
- Automatic Level Control enjoy distortion free sound without concern for loud commercials or audio track spikes.
- Detachable Mounting Bracket provides for easy and secure installation on virtually any surface including walls.
- Three year warranty.



FAQ

O. What is Fitness Audio Wireless TV?

A. Fitness Audio wireless TV receivers provide audio from any ceiling or wall mounted television monitors. Exercisers simply choose a screen to watch and enjoy the programme's audio through their headphones. Fitness Audio wireless receivers work in conjunction with Fitness Audio wireless transmitters or existing transmitters from other fitness entertainment companies such as Cardio Theater or Broadcastvision. WES receivers can also pick up local FM Radio Stations (subject to suitable location in the club).

Q. How many Fitness Audio Wireless TV Transmitters do I need?

- A. One Transmitter for each TV (connected via their L-R Audio Out sockets) that's showing a different TV programme up to 16 can be used in the one Cardio area.
- Q. So how many Fitness Audio wireless receivers should I plan for?
- A. One for every cardio piece that's facing the TV screens in the area, except rowers.
- Q. How are the Fitness Audio receivers powered?
- A. By using the cable supplied and the built-in C-Safe port found on most brands of CV gear.

See the back page for affordable and profitable headphones from Fitness Audio that are suitable to sell to your members.



E NAME SAYS IT ALL

AND INTRODUCING WES UHF FROM FITNESS AUDIO

State-of-the-art replacement for all old Cardio Theater receivers.

Manufactured by the industry leader in entertainment technology, a superior audio performance and increased reliability at a reasonable price make this a natural replacement receiver for all the old brands and the right one to choose for a new Cardio Entertainment installation.

- Fitness Audio Wireless Replacement Receivers work with all UHF and FM TV transmitter brands including Cardio Theater, BroadcastVision / BVE, MYE Entertainment, Enercise, Audeon and then there's more features!
- TV Audio and FM Radio Combined. Now your customers can enjoy both TV audio and local FM radio in stereo (subject to location and transmission choices of the club).
- Sleek Compact Design with Large Easy to Read LCD Display.
- 5 band EQ gives you 5 flavours of sound to get it more right to your ears: Bass, Classical, Jazz, Rock and Flat.
- New Secure Grip Mounting Band combines traditional and new mounting technologies for a guick and secure installation on any cardio machine.
- Self-Diagnostic Headphone Jack flashing icon alerts maintenance personnel when to replace the EzyFit headphone jack.
- 2 Year Manufacturer's Warranty.

New! WES UHF Transmitter from Fitness Audio

Fitness Audio WES transmitters feature the most comprehensive state-of-the-art wireless technology. Fitness Audio WES Transmitters features include:

- Dual Diversity Antenna System for static and drift-free transmission.
- Available in 900MHz and 800MHZ Wireless Formats worldwide compatibility including Australia, NZ, USA, UK, Europe and Asia.
- Automatic Level Control enjoy distortion free sound without concern for loud commercials or audio track spikes.
- The detachable Mounting Bracket provides it easy and secure installation on virtually any surface, including walls.
- 3 Year Manufacturer's Warranty.





Club Owners & Managers !! __

Do you have a cardio headphone entertainment system or personal viewing TV screens on your treadmills? If you do, then you should be selling headphones to your members to use with them!! If you're not you're missing out on steady extra income for the club. We've been supplying headphones to fitness centres for over ten years now and have selected the range below to offer variety and reliability which adds up to good sound value for the customer and more turnover for you - so call your nearest distributor today and place an order, details below.

FITNESS AUDIO HEADPHONES

Suitable for all Cardio Headphone Systems and Personal Music Players

- SR348 Over the head types high sensitivity, great value.
- SP101 A top seller the yellow hook-ons are great for treadmill users.
- SP103 Black and Silver hook-ons louder + more bass now our best-seller.
- BS818 Roun'''' der back phones in electric blue sound really good.



