



T10

The world's smallest, smartest, and lightest HiFi listening instrument.

EAR[™]
MICRO

FEATURING
Klipsch
AUDIO

EAR MICRO & KLIPSCH PRESENT

T10



—a collaboration borne on the legacy of Klipsch’s legendary X10 wired in-ear monitors, first launched in 2008 to worldwide critical acclaim and thoroughly re-imagined for today. We’ve literally strapped a micro-computer right onto the side of the X10 audio module in order to create *the world’s first high-fidelity wireless in-ear computers*. *Comput-ears* for short!

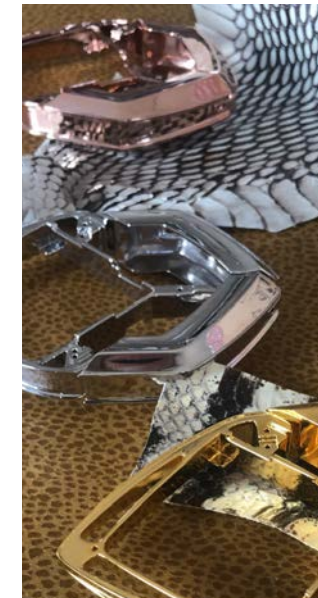
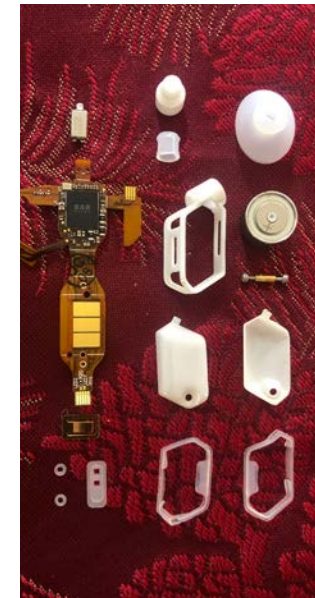
So what’s a comput-ear? We don’t blame you for asking. It’s a whole new category of wearable tech.

A long time ago, computers used to fill a room. Then they got smaller and could fit on your desk or in your lap. Another leap put computers in our hands in the form of smartphones and then strapped onto our wrists as smartwatches. Now computers can be miniaturized to fit into a package that will slip effortlessly right into your ear, connecting you to the digital world seamlessly, comfortably, flexibly.

But why?

Fair question. . . one you may already have guessed the answer to. Just like smartphones and smartwatches do so much more than their analog counterparts, in-ear computers are capable of doing much more than traditional wired or wireless earphones. For example:

- Stream music in full 96/24 high-resolution (no separate hi-res player required)
- Connect to and control nearly any other connected device (full IFTTT integration on board)
- Open platform: Runs the Bragi OS for hearables with Nano a.i. on board
- Capable of downloading and running hearables apps that extend and enhance functionality
- Built in 9-axis gyroscope for positional and momentum feeds movement data to connected apps
- Fully programmable Voice/Touch/Non-verbal Mouth/Head-motion control interfaces (patented)
- Twin Cadence Hi-Fi DSP’s for incredible personalized audio tuning and enhancement capabilities
- Stunningly clear telephony, plus ability to run apps that enable secure voice-activated walkie-talkie communication to selected individuals or groups without the need to dial or conference
- Bionic ears are badass. Forward-thinking companies around the world are busy dreaming up exciting and incredible new use cases for ear computers. With T-10’s you can tap directly into the early stages of Singularity—the frontier where man and machine converge to become one.



THE BEST OF EVERYTHING

1

Upgradeable High-Performance

The world needs less e-trash.

We see other companies producing millions and millions of wireless earphones made of non-renewable plastics and packed full of environmentally questionable/non-replaceable lithium-ion batteries and electronic components. Planned obsolescence translates to landfill bait in two or three years.

Klipsch has been producing its legendary Klipschorn loudspeakers continuously for some 75+ years now. Repairs and upgrades allow brilliantly designed and engineered products to last a lifetime rather than a couple of years. So we thought, “why not apply the same thinking to high-tech earphones?”

EAR Micro developed the world’s first *chassis* architecture for hearables. It bolts together exactly like a Swiss timepiece to be completely serviceable. That’s plain smart.

2

Sustainable Natural Luxury Materials

Non-renewable plastic sucks. For a million reasons—like the fact that it’s filling our oceans and creeping into our food supply. However, plastic is so cheap and versatile that it’s the go-to material for most consumer products.

Klipsch and EAR Micro posit that better performing alternatives exist, while conceding that the price of the finished good is necessarily higher (at least initially). But long-term? We’ll argue that an item that’s built to last a lifetime will always pencil out to be the least expensive and a helluva lot more fun to own.

T-10’s are built nearly entirely from ultra-high performance ceramic zirconia, titanium, bronze, stainless steel, copper, gold, silver, and leather. All of these are natural and sustainable materials that can be returned to the earth simply, a long time from now when their utility has ultimately passed.

3

Size, Sound, Style, Smarts

If you set out to design a zero-compromise product without concern for the price you’ll have to charge, it’s easy enough to define a whole new standard for what is possible.

But easy to define and easy to achieve are two different things. Developing something insanely cool, legitimately best in all categories, takes time. In this case, *nearly six years of continuous development and refinement*. EAR Micro and Klipsch were unwilling to settle for anything less than collaborating to produce the finest, smallest, and highest performing in-ear computers ever devised.

Klipsch lent its 75 years of sonic know-how, contributing the audio guts of the famous X-10 wired in-ear monitors. EAR Micro contributed its revolutionary micro-computing platform and deep expertise in miniaturization. Together, we’ve set the bar at an entirely new level. We believe you’ll enjoy the fruits of our dogged pursuit for decades to come.



T10: BESPOKE EDITIONS

Hand-built, your way, here in the USA

Why the hell not? Klipsch and EAR Micro believe that the world's most advanced, versatile, best sounding, and highest quality *comput-ears* are just the type of luxury Hi-Fi listening instrument that certain folks will want to enjoy specifying and customizing to their heart's content.

T10 Bespoke Edition offers exactly that flexibility.

Select real 24k yellow or rose-gold, 925 sterling silver, bronze, copper, blackened nickel, or any number of custom PVD finishes for the charger frame and doors. Choose from natural polished white pearl or charcoal black ceramic zirconia for the charger top/bottom cover and for the ear-computer frame and respective top/bottom cover. Or if you prefer, we can hand Cerakote these ceramic zirconia components in *virtually any color imaginable*.

For the charger cover inserts you can opt for carbon fiber, real wood veneer, or select from over eight-hundred different artisanal leathers. You may even choose to work with us to develop a custom laser-etched or embossed motif to apply to that cover insert. Alternatively, go full-rogue and select exotic hides or vegan-equivalents –whatever your

preference and taste dictate.

For the ultimate in self-expression, take things over the top by working with our in-house jewelry design team to add precious or semi-precious stones, or intricate carvings and reliefs.

For those who'd rather not wait for a completely Bespoke Edition to be hand-crafted to order, we offer the same ultra-high-end materials and finishes in a number of preconfigured combinations. You'll find these in the quick-ship section of our web-based catalog @ www.T10Bespoke.com

There, you can also begin experimenting with our our custom configurator, trying out many different color and material combinations instantaneously. Or just e-mail concierge@EARmicro.com to set up a personal appointment with one of our designers. We'll assist you in fashioning the ultimate Hi-Fi listening instrument as unique as your imagination can dream and your pocketbook can handle.

With T10 Bespoke Edition, Klipsch and EAR Micro are in the "yes we can" business. Something made possible specifically because the T-10's really have been designed, engineered, and hand-built from scratch right here in the USA—the way things used to be. *The way things ought to be.*



The EAR Micro and Klipsch teams believe that *comput-ears* are the future of wearable tech, but we simultaneously posit that most wearable tech is ill-conceived, poorly-engineered, and unsustainable. As a result, it gets turned into e-junk in short order.

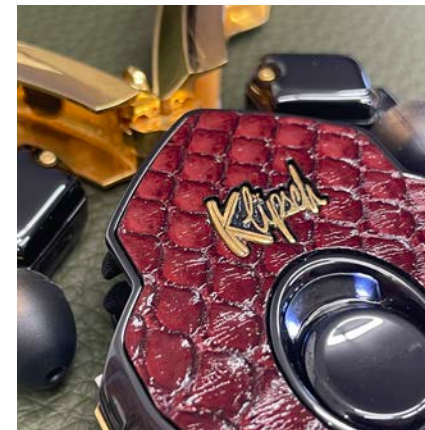
We are taking a *different tack*.

We've poured millions of dollars and tens of thousands of hours into developing the T10's so they can be enjoyed for many years to come--*maybe even a lifetime*.

We tossed out all of the standard rules, opting for a completely clean-sheet approach, unburdened by the typical constraints of time or budget. We chose not to worry about the fact that some consumers might not understand or appreciate the level of excellence and precision we were aiming to achieve. Instead, we designed and developed a product that we ourselves desperately wanted to hold in our hands and stick in our own ears --something that would demonstrate the absolute technological prowess of American engineering. In doing so, we've pushed tightly up against the boundaries of physics while pushing forward the state-of-the-art in materials science and micro-electronics manufacturing.

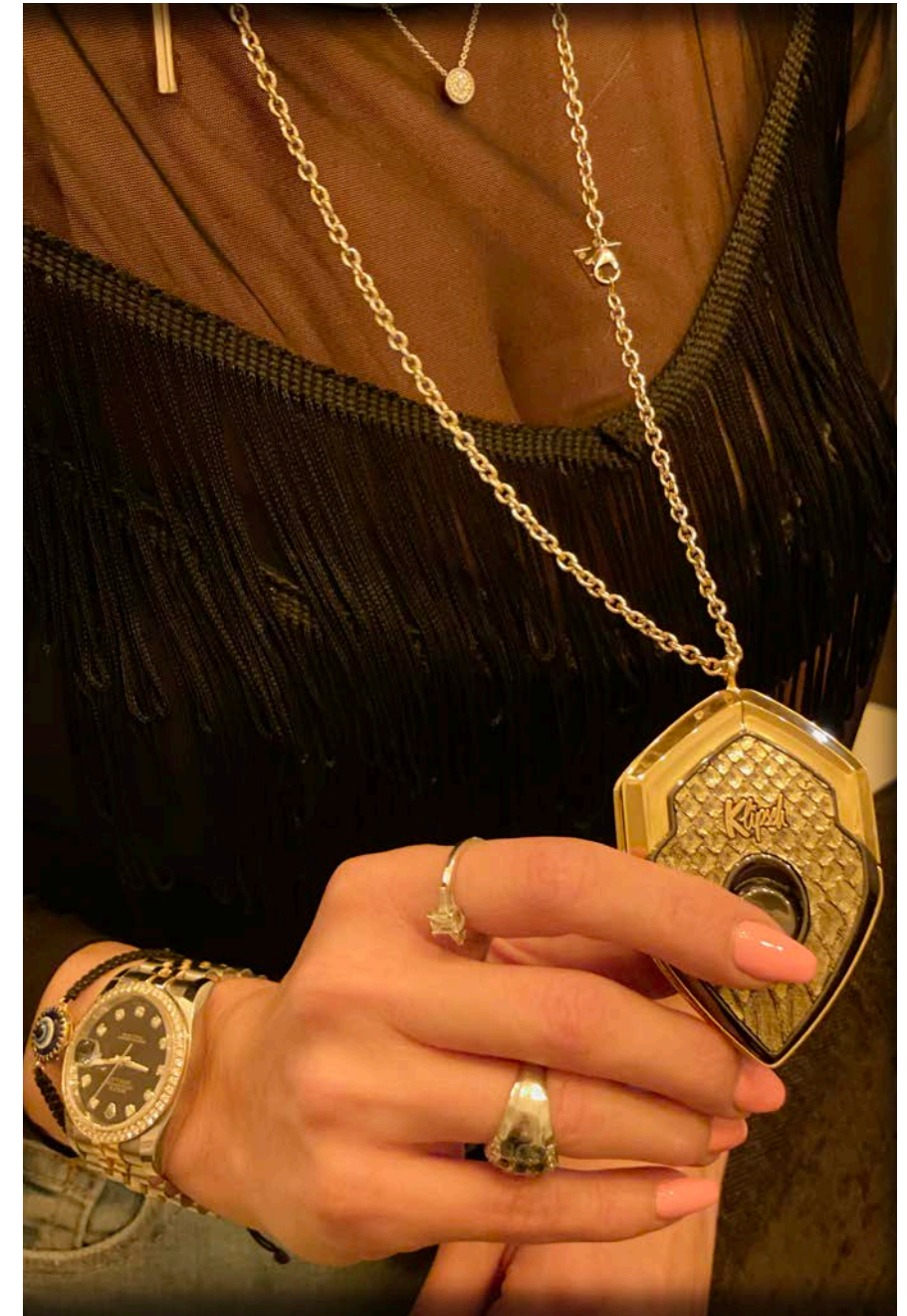
In short, we see science as art. We hope to inspire other USA-based consumer electronics companies to do the same. Isn't it time we stop building everything in China? Let's think about sustainability through a broad lens that includes innovating to sustain high-tech manufacturing jobs on our own soil.

INSPIRATION



"When you buy the very best, you only scream once."

--Bear, Innovation Instigator, EAR Micro



ABOUT EAR MICRO

The team at EAR Micro are renegades—a band of misfit toys. . . musicians, artists, geeky engineers, software nerds, and fashionistas who collectively set out in 2012 to change the world of hearable tech. Frustrated that earphones and headphones were big, bulky, heavy, ugly, wired, and dumb, Co-founders Bear, Patsy, Anis, and Troy decided to do something about it.

They created Piarings, a hearable tech brand that developed the world's first audio jewelry: earrings and bracelets that concealed tiny wireless earphones. It took them several years to perfect functioning prototypes, but along the way the team picked up support and assistance from some big names in the watch and jewelry space—like Swatch Group in Switzerland.

By 2017, the company was creating and building one-off creations for VIP and celebrity clientele. Challenging and exciting as that had been, The EAR Micro team had even bigger plans.

Bear, EAR Micro's Innovation Instigator and a life-long musician and audiophile, reached out to Klipsch CEO Paul Jacobs with his vision to take the patents and miniaturization know-how that EAR Micro had pioneered and combine it with the analog audio reproduction expertise that Klipsch has famously

been delivering for 75 years. In particular, Bear had long been enamored with the Klipsch X10 in-ear monitors, reveling in their ability to deliver astonishing frequency response, warmth, and linearity from such a simple, elegant, and diminutive form-factor.

Paul was intrigued and invited the EAR Micro team to Klipsch headquarters in Indianapolis. There, EAR Micro demonstrated their next-generation in-ear computing platform, smaller than a cubic centimeter, and capable of streaming full 96/24 high-res audio. . . and a whole lot more.

Klipsch auditioned the EAR Micro platform by connecting Klipsch HP-3 high-end headphones to EAR Micro's on-board DAC and discrete output amplifiers. Source content was streamed wirelessly from a high-end smart-phone at 96:24 resolution using Sony LDAC codec. A/B comparisons were accomplished by cross referencing the same HP-3 headphones plugged directly into the smart-phone's analog headphone output.

To the group's delight, wireless audio rendered over the EAR Micro platform was judged by Klipsch's own audio engineers as *superior to wired audio being delivered directly by the phone*. On that day, a new partnership was born.

"I began playing music when I was 3, having incessantly lobbied my parents for a piano after seeing a TV program with the flamboyant prodigy Liberace. I selected friends growing up based on whether they played an instrument, too, and were willing to be in a band with me. At age fifty+, I still write and record music with folks I've known since childhood. I'm also a passionate designer and engineer. I've been quite fortunate to enjoy a long career in audio product development that has allowed me to fully engage all three of these disciplines and to do so at the very highest levels of excellence."

—Bear, Innovation Instigator





ABOUT KLIPSCH

BORN IN A TIN SHED TO ROCK THE HOUSE

The genesis of something very special occurred in a tiny tin shed in Hope, Arkansas in 1946 when Paul W. Klipsch, genius, madman and maverick, designed and hand-built the legendary Klipschorn® speaker with the goal of bringing live music into his living room. He was an American audio pioneer, a true eccentric and a proud member of the engineering and science hall of fame. He gave rise to speaker technologies that would forever impact generations of music lovers. His passion enabled theirs.

Today, 75 years later, Klipsch still proudly manufactures our high-end speakers in Hope, Arkansas; and we design and engineer all of our products in the USA at our Indianapolis audio development laboratory and corporate headquarters.

We believe life is best lived alongside a great soundtrack, heard the way it was meant to sound.

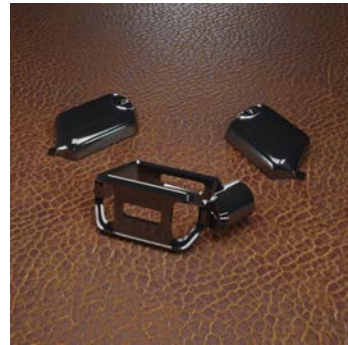


T10 BESPOKE

- a** Choice of leather, veneer, or composite charger cover inserts
- b** Choice of precious or standard metal (and finish) for logo
- c** Choice of polished or matte ceramic zirconia for charger cover
- d** Optional Swarovski or precious gems in pavé setting
- e** Choice of precious or standard metal (and finish) for charger frame and doors
- f** Choice of pearl or charcoal ear-computer touch-face
- g** Choice of polished or matte ceramic zirconia for ear-computer frame and top/bottom covers
- h** Choice of precious or standard metal (and finish) for audio tube



FRAMES AND COVERS



Polished Charcoal Zirconia



Polished Pearl Zirconia



Matte Cerakote (over Zirconia)



Standard

Polished Charcoal or Pearl, +\$0

Optional

Cerakote, +\$500

ABOUT

Ceramic Zirconia is one of the hardest materials in the world, renowned for its extreme strength and extraordinary thermal, electrical, and acoustic insulation properties.



COVER INSERTS

Standard

Mostratto or Pan-Am in over 800 colors/textures: +\$0 to +\$225

Optional

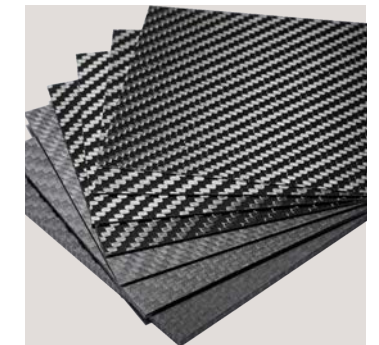
vacuum-infused exotic wood veneer or carbon fiber: +\$250 to +\$350

ABOUT:

T10 Charger covers receive the leather, veneer, or other specialty material insert of your choice. Select the finest hide from our partners at Mostratto in Italy, Pan-Am Leather, NY, an artisanal veneer from CertainlyWood, NY, or carbon fiber from HED composites, MN.



CertainlyWood



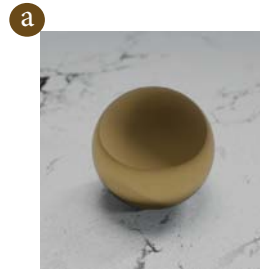
HED Composites



Mostratto Leather/Suede or Pan-Am Exotic Hides

METAL ENCASEMENT

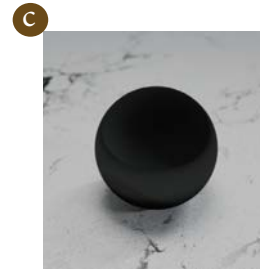
T10 Ear Computers are recharged and protectively stowed inside of a solid metal encasement, exactly the same way that a Swiss watch encasement protects the intricate movement within.



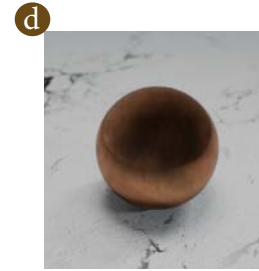
Base Material: polished solid bronze
Finish: triple plated 24k Yellow gold + e-coat
Price: +\$850



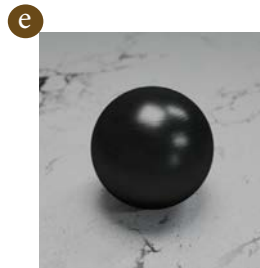
Base Material: polished white bronze or 918 sterling silver
Finish: triple-plated chrome + e-coat or polished sterling + e-coat
Price: +\$250, *or* +\$500



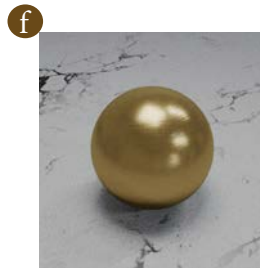
Base Material: polished solid bronze
Finish: triple-plated black rhodium + e-coat
Price: +\$250



Base Material: brushed solid bronze
Finish: copper plated, hand applied oxidation wiping, + e-coat
Price: +\$250



Base Material: brushed solid bronze
Finish: black nickel (gunmetal) plating + e-coat
Price: +\$250



Base Material: brushed solid bronze
Finish: clear e-coat
Price: +\$0



Base Material: polished solid bronze
Finish: triple plated 24k rose gold + e-coat
Price: +\$850



Base Material: brushed solid white bronze
Finish: clear e-coat
Price: +\$0



ALL-AMERICAN SUPPLY CHAIN

TOGETHER, WE'RE PROVING THAT THE MOST ELEGANT, ADVANCED, AND SUSTAINABLE LUXURY AUDIO PRODUCTS IN THE WORLD ARE PROUDLY DESIGNED, ENGINEERED, ORIGIN-SOURCED, AND HAND-CRAFTED IN THE USA.

...

EAR MICRO, LLC
Kansas City, Missouri



Supplies:
Product design, R&D, patents, electrical engineering, software development, production management, hand-assembly, testing, and hand tuning of Bespoke Editions

KLIPSCH GROUP, INC.
Indianapolis, Indiana



Supplies:
Audio tube design, balanced armature gasket, patented oval ear tips, voice and audio tuning, ANC and transparency calibration, world-wide distribution

TANURY PERFORMANCE COATINGS
Lincoln, Rhode Island



Supplies:
State-of-the-art hand polishing, electro-plating, e+coatings, & PVD coatings.

QUALITY CASTINGS
New York, New York



Supplies:
Custom lost-wax jewelry casting and hand polishing for precious metal components

KYOCERA, NORTH AMERICA
Harrisburg, Pennsylvania



Supplies
Precision ceramic engineering and development, additive manufacturing, and direct ceramic injection molding

MIDWAY SWISSTURN
Burlington, Massachusetts



Supplies:
fine-tolerance custom machining for audio tubes and custom micro-screws

SANMINA, SCI
Kenosha, Wisconsin



Supplies:
PCB assembly, plus hand fabrication of mechanical sub-assemblies

TE CONNECTIVITY
Harrisburg, Pennsylvania



Supplies:
Multi-gesture touch-face with integrated LDS micro antenna structure

(patents-pending jointly with EAR Micro)



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