

The best in high performance, high value audio



discover your
inner sound

discover your inner sound

Alpha Design Labs

ADL H128
Headphones



ADL – Alpha Design Labs – creates innovative, smart-looking components with scintillating sound for computer-based systems as well as personal and portable electronics. Tokyo-based ADL aims high using the best materials and innovative design for an expanding line of Japanese designed precision products that include the superb sounding and superbly comfortable H128 Headphones.

It's All in Your Head...

The ADL H128 is balanced in a completely audiophile way. Rich tonal colors and textures with intimate and close harmonic interplay, a sense of space and quiet backgrounds are the key.

With these our latest breakthrough headphones we decided to take the performance of our now classic H118 headphones one step further. We wanted to retain the H118's smooth, well-balanced sound that has captivated so many headphone enthusiasts, but we also wanted to improve dynamics and recreate the same "punch" that you hear during live performances—a lofty goal for a pair of headphones. With the new H128, we've succeeded at reaching that goal. At ADL we determined that the best way to accomplish this was to design and develop a completely new driver from scratch with the help of our engineers at Furutech and sound tune the headphones with input from a team of renowned Japanese audio commentators.

Alpha Triform Contour Earcups™

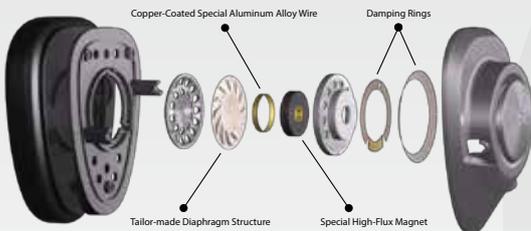
The H128 features Triform Earcups which are specially designed for a superior seal over your ears improving bass response over other designs. The Triform Contour also reduces internal standing waves and reflections for reduced distortion.



Available in three stylish colors: Silver-black, Silver-Brown and Dark Blue.

Specifications

Acoustic Design: Dynamic closed-back	Driver: 40mm diameter special high-flux magnet
Sensitivity: 98dB SPL (1mW) at 1 KHz	Frequency response: 20Hz ~ 20kHz
Input Power: 200mW (Max.)	Rated Impedance: 68 ohm @ 1KHz
Ear pad: Leatherette	Head Band Pressure: 4.5 N Approx.
Connector: Nonmagnetic rhodium-plated stereo α (Alpha) mini-XLR socket	
Weight: 280g (9.84oz) Approx. (without cable) 320g (11.2oz) Approx. (with cable)	



The H128 headband flare, a sturdy vibration damping aluminum band covered with soft leatherette, make the H128 Headphones supremely comfortable, and for maximum comfort and minimal listener fatigue soft leatherette ear pads. To the designers at ADL, that's one of the main differences between a good pair of cans and a great pair of cans—the ability to make you, the listener, forget you're wearing headphones at all.

The H128 are dynamic closed-back circumaural headphones with tailor-made diaphragms that offer both high noise attenuation and low distortion. You'll also find 40mm extra-large high flux Alpha-Cryo treated magnets, rhodium-plated mini XLR sockets and extremely light weight coils of special copper-coated aluminum alloy wire in both models. All of the internal wiring in the H128 headphones is sourced from Furutech, and high-quality PEEK trembler film was chosen, after exhaustive testing, for its extraordinary performance. We've also added the Furutech Alpha-OCC headphone cord terminated with Furutech rhodium plated connectors, which includes the Furutech 3.5mm to 6.3mm headphone plug adaptor.

Features

- Dynamic closed-back circumaural headphones
- Furutech designed high noise attenuation and low distortion tailor-made diaphragms
- 40mm extra-large high-flux α (Alpha) Cryo-treated magnet
- High quality PEEK trembler film
- Ring between voice-coil and diaphragm keeps ultra-high-frequencies in phase
- Sturdy vibration damping aluminum headband
- Excellent transient response from extremely light-weight coils of copper-coated special aluminum alloy wire
- Furutech rhodium-plated (Alpha) Cryo-treated mini-XLR socket
- Included in package
 - 3.0 meter Headphone Cable & F63-S(G) Gold-plated 1/8" (3.5mm) to 1/4" (6.3mm) adapter
 - 1.3 meter iHP-35X II high performance Alpha-OCC headphone cable terminated with Furutech mini XLR and FI-735 3.5mm stereo connector

ADL EH008



Dual Dynamic Driver Earphones

discover your inner sound

A truly great earphone design does more than deliver accurate musical reproduction. It should create an emotional and intimate connection with the listener, and accomplish this with unparalleled comfort and style.

That's why the Alpha Design Labs EH008 earphones possess a number of striking features and innovations. Our Dual Dynamic Drivers, which have been Alpha-Cryo treated, offer incredibly high resolution throughout the full range of sound reproduction. A powerful 8mm low-to-mid frequency driver is positioned in a special bass chamber directly behind a high frequency titanium film driver delivering phase-correct high resolution output to your ears. The inner and outer housings of the EH008 are designed for driver stabilization and superior damping. This all adds up to a stunning, realistic soundstage that allows you to hear deeper into your favorite recordings than ever before.

Offering this extraordinary level of performance wouldn't be as meaningful if ADL couldn't deliver it in a sexy yet extremely comfortable package. From the beautiful diamond-cut aluminum end enclosures,



the EH008 exudes "pride of ownership" unique in the world of earphones. Silicon covered outer ring seals improve sound isolation and increase your comfort level, and the lightweight design—around half an ounce total—completes the sensation that nothing stands between you and the music.

Features

- Dual Dynamic Drivers for full range sound reproduction
- α (Alpha -Cryo treated) 8mm driver for mid-to-low frequencies
- α (Alpha -Cryo treated) 5.8mm driver for high frequencies
- 5.8mm driver with Titanium Trembler Film for high resolution sound reproduction
- Inner housing constructed of special ABS resin for driver stabilization
- Outer housing constructed of Carbon Fiber for its superior damping properties
- Outer seal ring with silicon cover for improved sound isolation and added comfort
- Rubber outer seal ring with silicon cover for improved sound isolation and added comfort
- Beautifully finished diamond cut aluminum end plates.
- XS / S / M flexible rubber earpieces included
- 1.3m cord with 24k gold-plated stereo α (Alpha) 1/8" (3.5mm) angled plug

"The Furutech is otherwise one of the most beautifully finished earphones I have seen at any price..."
 "The refinement of the EH-008 makes it able to handle voices and instruments with real tonal accuracy and a commendable sense of scale".
 -- Ed Selley AV Forums

The build quality is superlative, better than expected even at this price. There really is nothing to criticise, as it's up there with more familiar brands costing twice or three times the money..."
 "This is a highly detailed design that doesn't sound analytical; rather it pieces everything together in a musically coherent way that leaves you wanting more".
 -- David Price HiFi Choice



Specifications
Sensitivity: 100±3 dB SPL (130mW input at 1 KHz)
Frequency response: 20Hz ~ 20kHz
Input Power: Rated 2mW / 5mW (Max.)
Rated Impedance: 19 ohm @ 1KHz
Left and right balance: ≤ 3dB, @ 100Hz and 1KHz
Weight: 15g (0.53oz) Approx. (cord and plug included)

Alpha Design Labs

ADL H118



Alpha Triform Contour Earcups™

Triform Earcups are specially designed for a superior seal over your ears improving bass response over other designs. The Triform Contour also reduces internal standing waves and reflections for reduced distortion. Furutech Pure Transmission technical tidbits abound; high noise attenuation, 40mm high-resolution extra-large high-flux α (Alpha) Cryo-treated magnet drivers, a ring engineered to keep ultra-high frequencies in coherent phase and excellent transient response from extremely light-weight coils made with copper-coated special aluminum alloy wire.

Features

- Dynamic closed-back circumaural headphones
- High noise attenuation and low distortion tailor-made diaphragms
- 40mm extra-large high-flux α (Alpha) Cryo-treated magnet
- Ring between voice-coil and diaphragm keeps ultra-high-frequencies in phase
- Excellent transient response from extremely light-weight coils of copper-coated special aluminum alloy wire
- Furutech nonmagnetic rhodium-plated α (Alpha) mini XLR socket
- Included in package: 3.0 meter cable and gold-plated 1/8" (3.5mm) to 1/4" (6.3mm) adapter

Specifications
Acoustic Design: Dynamic closed-back
Driver: 40mm diameter special high-flux magnet
Sensitivity: 98dB SPL (1mW) at 1 KHz
Frequency response: 20Hz ~ 20kHz
Input Power: 200mW (Max.)
Rated Impedance: 68 ohm @ 1KHz
Ear pad: Leatherette
Connector: Nonmagnetic rhodium-plated stereo α (Alpha) mini-XLR socket

"I was so impressed that I now own a pair, and can only recommend that you try a pair for yourselves"
 --- Tony Bolton HiFi-World UK

Are you disenchanted with over analyzing recordings and want to get closer to the music? Then audition the ADL-H118, I'm sure you'll be wiser from the experience.
 --- Canada HiFi



DSD • 24/192 USB DAC Headphone Amplifier Android Digital Output Interface



- Goes Anywhere • Stacks Easily
- Rechargeable Li-Ion Battery
- DSD (2.8M/ 5.6M) DAC • Android DAC
- USB DAC (24bit/ 192kHz Max.)
- DDC (Optical input and output 24bit/ 192kHz Max.)



Some digital enthusiasts require small, portable DACs and headphone amps because they're always on the move from location to location. Others need flexibility with their digital gear, especially the ability to insert a headphone amp into virtually any system and achieve impressive sonic performance. The new ADL A1 headphone amplifier/ DAC is designed for both of these digital enthusiasts—even if they're the same person!

The new ADL A1 is a high-resolution portable headphone amplifier and DAC that can be used with Android devices such as ADL's own X1 and iDevices. The A1 is also DSD-capable when used with either Mac or Windows. The high-resolution sound that can be achieved through the A1 makes it perfect for portable audio enthusiasts who use the highest quality headphones to delve deeply into a recording. It's also ideal for those who want to run DSD 2X on either a laptop or a desktop.



Specifications
High-performance CIRRUS LOGIC CS4392K 24bit/192kHz DAC chip (accepts PCM and DSD audio signal)
Controller supports ASIO and Asynchronous mode
VIA VT1736 32bit/192kHz USB chip ,USB 2.0 High Speed 480Mbps compliant accepts DSD 2.8M or 5.6M signal & 44.1 /48 /88.2 /96 /176.4 /192 kHz sampling rates supported
TEXAS INSTRUMENTS TPA6130A2 Headphone Amplifier chip -TPA6130A2 high fidelity Stereo Headphone Amplifier with an SNR of 98 dB
OP AMP: TI- LME49726 High Current, Low Distortion, Rail-to-Rail Output Audio Operational Amplifier
Max Headphone Output Levels (at 1%THD 1kHz) : 70mW(12 ohm), 80mW(16 ohm), 65mW(32 ohm), 38mW(56 ohm), 9mW(300 ohm)
Charge Time: approximately 5–5.5 hours approx.(AC/DC 5V, 1.0-2.0A switching adaptor may also be used for recharging - sold separately)
Charge Time: approximately 7 hours approx. (DC 5V, 0.5A USB bus power)
Music Playback Time: Up to 7.5 hours when fully charged
Dimensions: 68(W) x 118(D) x 16.5(H)mm , Weight: 150g Approx.

While the ADL A1 is certainly small enough to be portable and convenient, it's also loaded with innovative features such as:

- USB Mini-B socket for USB A output from a Windows/Mac for music and to charge the battery
- USB A socket for Android music devices via USB OTG cable (USB On-The-Go cable)
- Optical and line out that combines a 3.5mm phone jack for line out with a mini-jack for optical output (Optical out supports Android digital signal)
- Additional 3.5mm jack for headphone output
- USB 2.0 high-speed compliance with DSD (2.8M and 5.6M data both supported), with the ability to sample 44.1, 48, 88.2, 96, 176.4 and 192 kHz sampling rates, indicated by LEDs on the front panel
- Switchable between Android/Line in, optical and USB DAC inputs

The portable audio enthusiast will also appreciate the A1's long battery life. While the battery in the A1 lasts approximately 7 hours after a full charge, it can be completely recharged in around 5 to 5.5 hours. You'll appreciate the signature Furutech sound in every component offered by ADL—smooth yet detailed and focused. The ADL A1 is clearly an example of innovative Japanese design at the cutting edge of technology. Are you ready for it?





24/192 USB DAC Headphone Amplifier

ADL X1

iDevice Digital Output Interface "On the Go Or In Your Stereo"

Goes Anywhere • Stacks Easily • Rechargeable Li-ion Battery
Digital Inputs For iDevices • PCs • Superb Sound!



ADL – Alpha Design Labs – creates innovative, smart-looking components for computer-based systems as well as personal and portable electronics. Tokyo-based ADL by Furutech™ aims high using the best materials and innovative design for an expanding line of Japanese-designed precision products including the superb sounding 24/192 ADL X1 Headphone Amp.

Headphone listening is an intimate sonic experience and most enthusiasts employ headphone amplifiers and a good pair of `phones– like the ADL H118! The headphone amplifier determines the quality of sound in hand with the headphones.

The X1 is small, discrete but highly specified with inputs supporting iOS digital at up to 16/48 via APPLE MFI certified USB Cable for iPod, iPhone, iPad devices. The X1 also runs 24/192 Toslink with high-resolution files from PC via the PC's USB output. There's an analog line-level 4-pin 3.5mm input and a 4-pin 3.5mm output for headphones in the 12–600 ohm range. The 4-pin input supports 3.5mm Remote and Mic Earphones. The 3.5mm TOSLINK optical output delivers SPDIF up to 24/192. There's a convenient GND TRRS switch making it easy to change from one 4-pin set of `phones to another.



The X1 is a combination digital converter and headphone amplifier, and the Audiophile thinks it will make your iPhone, iPad, or iPod sound better than ever!

--- Steve Guttenberg CNET

Connectivity

- USB mini-B socket for USB A output from PCs and charging battery
- USB A socket for iDevice output via APPLE MFI-certified USB cable
- Headphone and Analog out-1 (front) (4-pin) 3.5mm connector for headphones and analog output
- Headphone and Analog out-2 (rear) (3-pin) combined 3.5mm connector for headphones
- Line input (4-pin): 3.5mm phone jack for analog input (switched)
- Mini-optical connector output
- When using both 3.5mm headphone line-out outputs simultaneously we advise using near-impedance-matched headphones

Features

- Beautifully-finished aluminum and ABS plastic casing
- Line input improves sound of portable analog audio sources
- Fits in the palm of your hand
- Supports iOS , PCs
- Doesn't draw power from connected iDevice battery
- Enjoy music anywhere, on your desk or on the go
- Headphone and output can connect to home stereo system

Driver

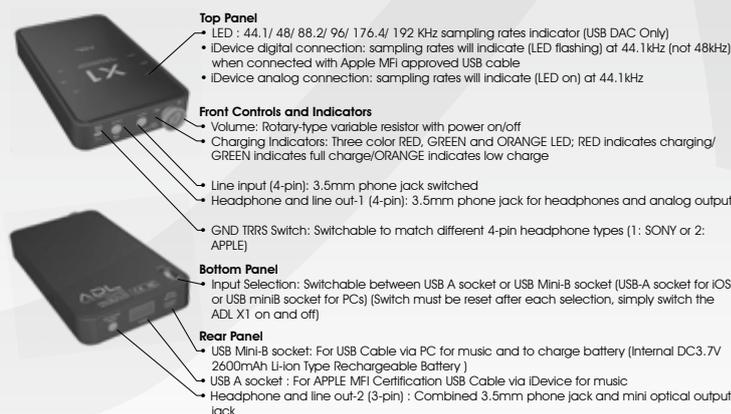
- No drivers are necessary with Mac computers, while a single standard driver is required for Windows computers.

Technical Specifications

- 24-bit/192kHz XMOS High-performance Streaming Controller supports ASIO and Asynchronous mode
- USB 2.0 High Speed compliant & 8/16/32/44.1/48/88.2/96/176.4/192 kHz sampling rates supported
- High-performance ESS-ES9023 24bit/192kHz DAC chip
- Maxim MAX9724C Power IC , Low-RF Direct-Drive Stereo Headphone Amplifier with 1.8V compatible shutdown
- TI- LMV832 Dual 3.3 MHz EMI-Hardened Low-Power CMOS OP AMP
- Power Supply 1: DC 5V 500mA ~ 2000mA
- Power Supply 2: DC 3.7V 2600 mAh Li-ion rechargeable battery

Specifications

High-quality volume control and On/Off switch (front)
Gold-plated 3.5mm input phone jack: analog line input (switched)
Gold-plated 3.5mm output phone jack-1: Headphone or line out
Gold-plated 3.5mm output phone jack-2: Headphone or 3.5mm Optical Output: For 24/192 SPDIF (Max)
4-layer printed circuit board with copper thickness > 1oz (Gold-plated circuitry on the printed circuit board)
Gold-plated USB A socket: For 16/48 iDevices (iPod/iPhone/iPad)
Gold-plated USB Mini-B socket: For 24/192 PCs runs and recharges via PC's USB or an AC/DC switching power adapter
Max Headphone Output Levels (1%THD 1KHz) : 57mW(12 ohm), 77mW(16 ohm), 97mW(32 ohm), 58mW(56 ohm), 11mW(300 ohm), 5mW(600 ohm)
Dimensions: 68 (W) x 118 (D) x 16.5 (H) mm
Weight: 147g Approx.





Alpha Design Labs 24-bit/192kHz USB DAC/ADC with Phono Stage!

GT40 *α* a master of all trades.

The GT40α Harmonizes Computer Files and Analog Inputs

"A Jack of all trades, this little gadget will be one of the most handy boxes yet devised for some hi-fi addicts." ----- Paul Rigby, Hifi Would UK

"If this unit were judged solely on DAC performance it does enough for a five star verdict. But its way more than that..." ----- What HiFi UK

"The ADL GT40 manages not only to be a jack of all trades but also masters the bulk of them, and is more than capable at the rest. We like its conveniently compact size, and for the money – equivalent to single components at this price – it's nothing short of incredible."... What HiFi Sound and Vision

"Once again, Furutech has produced a superior product, with true high-end quality—and, mirabile dictu!—at a very reasonable price. In these unsettled economic times, this is quite an accomplishment... I tip me hat to the folks at Furutech!"... Positive Feedback Online



The GT40α built for enthusiasts with growing music collections on their computer hard drives. It's a high performance 24-bits/192kHz USB DAC that's amazingly affordable. Looking to convert your LPs or other analog sources to digital? The GT40α will take you to the podium with every album you archive.

The seriously-shielded audiophile-grade GT40α features a low-latency USB 2.0 audio driver that plays and records at 24-bits/192kHz. A likely first for this category, the GT40α includes a built-in low-noise MM / MC phono preamp! Record your favorite vinyl to hard disk via the USB output.

The ADL GT40α features L/R analog outputs, and switchable line or phono inputs with a vivid, captivating sound that is simply unheard of in this category.

The ADL GT40α (wired with ADL's Formula 2 cable of course!) brings Furutech's signature sound -- smooth, detailed clarity -- to desktop systems, especially with high resolution 24-bits/192kHz files, but even 16-bit/44.1kHz files sound impeccable and very musical.

Features

- High performance 24bits/192kHz USB DAC and 24bits/192kHz ADC IC chip
- Enjoy audio in high resolution at 24bits/192kHz surpassing conventional 16bit/44.1kHz standards
- Incorporates the most trusted driver in professional audio for 24bits/192kHz recording and playback
- External power supply: while a USB-powered device might be convenient, it won't develop the power required for high resolution playback, so we designed the GT40α with an external power supply to solve the problem.
- Headphone Amplifier: It contains a high performance headphone amplifier with ample drive for good headphones
- Analog-to-Digital Converter: The GT40α sports a high-performance ADC IC chip for high resolution recordings via analog inputs including phono, AM/FM radio, or other analog signals.
- Convenient Clip signal Toggle switch for Recording Attenuation: Adjust the recording attenuation to avoid any distortion during recording: 0dB, 6 dB, or 12dB (RecAtt/db signal light comes on when input level exceeds circuit Gain).
- Phono Preamplifier: A first for this class, the GT40α features a phono equalizer for recording your precious LPs. Switch between Moving Magnet (MM) and Moving Coil (MC) or Line input
- Highest Quality Parts: The GT40α features a high quality amplifier and condenser supporting its high performance analog circuit
- High End Audio Grade Connections: The GT40α is equipped with gold-plated Teflon-insulated RCA jacks with an extremely high quality aluminum chassis and machined volume knob

The GT40α Gets You to the Winner's Circle!

GT40α USB DAC Specifications

USB & Analog Playback and Record multimedia audio system
Connectivity: USB B Interface, Analog input/output RCA jack
USB Playback Resolution : 24bits/192kHz (Max) USB Recording Resolution: 24bits/192kHz (Max) supports 44.1 /48 /88.2 /96 /176.4 /192 (kHz)
Frequency response: 20Hz ~ 20kHz (+/-0.5 dB)
SN ratio: >90dB (A-wtd) / Line Output
Line Output Level: 5 Vrms
Line Input Level: MC 0.4mV / MM 4.0mV / Line 2Vrms
Headphone Output Level: 1% THD 1kHz (Max.) 94mW(16 ohm), 110mW(32 ohm), 98.6mW (56 ohm), 23mW (300 ohm)
Power Supply AC Adaptor Rating: Erp step2 compliant, 2Wire AC Input Type, Class II, AC/DC Switching Adaptor output DC 15V / 0.8A / 12W
Dimensions: 150 (W) x 111 (D) x 57 (H) mm
Weight: 650g Approx.

The load (Input Impedance) for the ADL GT40α is fixed at 47K ohm for MM and 100 ohm for MC

Input Sensitivity Level for MM: 4.0mVrms at 1K Hz
Input Sensitivity Level for MC: 0.4mVrms at 1K Hz
Input Sensitivity Level for LINE: 400mVrms at 1K Hz
Maximum Input Level for LINE: 2Vrms at 1K Hz

MC input to LINE output (Vol./Max.) => 70dB @ 1K Hz, (+/-1dB)
MM input to LINE output (Vol./Max.) => 50dB @ 1K Hz, (+/-1dB)
LINE input to LINE output (Vol./Max.) => 8dB @ 1K Hz, (+/-1dB)

GT40α has no setting for gain to match different impedance headphones.
We recommend using 16 ohm to 300 ohm impedance headphones.

Cruise Portable Headphone Amplifier

24/96 USB Input and Analog Line input • 3.5mm Headphone Output

Mirror-Polished Stainless-Steel Panel • Gorgeous Carbon Fiber Body • Elegant Appearance
Goes Anywhere • Rechargeable Battery • Superb Sound

Lust in High Places

It's the age of personal, portable electronics; everyone carries their music with them. Accessories reflect your personal style and the Cruise is sure to create jealousy and envy wherever you go. It delivers thrilling sound to match its gorgeous appearance. Whether you're using iTunes for low-bit-rate downloads or high resolution music files just connect your computer to the Cruise with one of our matching ADL Formula 2 USB cables or the new i-D355P analog stereo cables. When you're on the road plug your music player's analog headphone output into the line input of the Cruise and open the player's volume to maximum and use the volume control on the Cruise. For higher resolution all-digital signals simply connect the Cruise to your computer's USB port. The USB port charges the battery and you can listen to music while it's charging!

Features

- Mega performance, takes what's there and makes it better!
- Beautifully finished, lustrous carbon fiber body and mirror-polish nonmagnetic stainless steel panel.
- Fits in the palm of your hand, enjoy your music anywhere
- High quality volume control (front) and On/Off switch (rear)
- Gold-plated 3.5mm analog line input (switched) or gold-plated USB digital input for PC audio (Phone jack overrides output from USB mini-B interface on rear panel)
- Runs on USB power or an AC/DC switching power adapter that recharges battery
- High performance headphone amplifier drives 12 to 600 ohm headphones
- Gold-plated circuitry on high quality printed circuit board

Specifications

Output Jack: 3.5mm Phone Jack x 1 Headphone Output Level (Max.): 1%THD 1kHz
Input Jack: Line In (3.5mm switched Phone Jack) x 1, USB In (mini B type) x 1 78mW (12 ohm) 94mW (16 ohm) 110mW (32 ohm) 98.6mW(56 ohm) 23mW (300 ohm) 1.6mW (600 ohm)
Signal to Noise Ratio : Line in: 100dB (A-Weighted) USB in: 96dB (A-Weighted)
Frequency Response: Line in: 20Hz~20kHz (±0.5dB) headphone output USB in: 20Hz~20kHz (±0.5dB) headphone output
DAC Chip: WM8716 192kHz/24bit
USB Chip: TE7022L 96kHz/24bit
Channel Separation: 60dB (1KHz)
Total Harmonic Distortion: 0.02% (Line Input 1KHz)
Power Supply-1: DC5V, 2000mA, 10W Switching Power Adapter
Power Supply-2: DC3.7V, 940mAh Li-ion Type 14650 Rechargeable Battery Music Playback Time: Up to 80 hours when fully charged (5 hours charge time approx.)
Dimensions: 65 (W) x 120 (D) x 28.3 (H) mm Net Weight: 198g Approx.

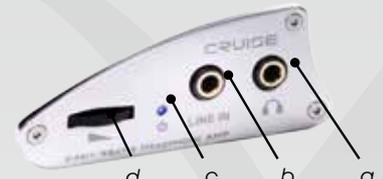
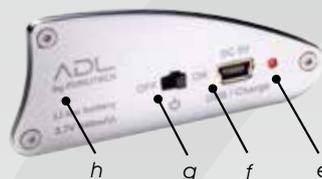


Rear Panel:

- e. Charging Indicators: One dual-color RED and GREEN LED:
RED indicates Charging / GREEN indicates Full Charge
- f. USB: 1 USB mini-B Type
g. MASTER POWER ON/OFF
- h. Internal DC3.7V, 940mAh Li-ion Type 14650 Rechargeable Battery.

Front Controls and Indicators:

- a. HEADPHONES OUTPUT: 3.5mm phone jack
b. LINE INPUT: 3.5mm switched phone jack
c. One dual color RED and BLUE LED:
BLUE indicates Power On /
RED indicates Battery Low Voltage
d. VOLUME: Rotary type variable resistor



Stride Portable Headphone Amplifier

High performance • high value • Elegant Appearance
Black or Silver finished Aluminum Body and Side panels

Specifications

Output Jack: 3.5mm Phone Jack x 1 Headphone Output Level (Max.): 1%THD 1kHz
Input Jack: Line In (3.5mm switched Phone Jack) x 1, USB In (mini B type) x 1 78mW (12 ohm) 94mW (16 ohm) 110mW (32 ohm) 98.6mW(56 ohm) 23mW (300 ohm) 1.6mW (600 ohm)
Signal to Noise Ratio : Line in: 100dB (A-Weighted) USB in: 96dB (A-Weighted)
Frequency Response: Line in: 20Hz~20kHz (±0.5dB) headphone output USB in: 20Hz~20kHz (±0.5dB) headphone output
DAC Chip: WM8716 192kHz/24bit
USB Chip: TE7022L 96kHz/24bit
Channel Separation: 60dB (1KHz)
Total Harmonic Distortion: 0.02% (Line Input 1KHz)
Power Supply-1: DC5V, 2000mA, 10W Switching Power Adapter
Power Supply-2: DC3.7V, 940mAh Li-ion Type 14650 Rechargeable Battery Music Playback Time: Up to 80 hours when fully charged (5 hours charge time approx.)
Dimensions: 65 (W) x 120 (D) x 28.3 (H) mm Net Weight: 154g Approx.

- High-end performance; Furutech takes what's there and makes it better!
- Beautifully-finished atomized Black or Silver-white aluminum body with anodized aluminum side panels.
- Fits in the palm of your hand! Enjoy your music anywhere, on your desk or on the go.
- High quality volume control (front) and On/Off switch (rear)
- Gold-plated 3.5mm analog line input (switched) or gold-plated USB digital input for PC audio (Phone jack overrides output from USB mini-B interface on rear panel)
- Runs on USB power or an AC/DC switching power adapter that recharges battery
- High performance headphone amplifier drives 12 to 600 ohm headphones
- Gold-plated circuitry on high quality printed circuit board

Introducing Alpha Design Labs Upgrade Headphone Cables For Intimate Listening...

High-quality headphones are a must in the age of personal, portable electronics, but many are supplied with inferior throw-away cables. Headphone listening is an intimate experience and enthusiasts always want better sound. ADL's iHP-35II series cables accomplish that in spectacular fashion with headphones, players and headphone amplifiers. The iHP-35II series will make the perfect connection! They're engineered and produced with Furutech's Pure Transmission technology and feature silver-plated (Alpha) OCC conductors for minimal transmission loss. The cable achieves top-grade noise isolation – in a RoHS-compliant sheath.



iHP-35II



130cm (4.2ft) and 300 cm (9.5ft)
iHP-35II is terminated at both ends with a Furutech rhodium –plated 3.5mm stereo connector
For ULTRASONIC PRO line series (PROline2500, PROline750, PROline650, PROline550), ULTRASONIC PRO Series (PRO2900, PRO2500, PRO900, PRO750, PRO650, PRO550, DJ1 PRO), SONY MDR-Z1000DJ1 PRO), SONY MDR-Z1000



iHP-35L



130cm (4.2ft) and 300cm (9.5ft)
iHP-35L is terminated at both ends with a Furutech gold-plated 3.5mm stereo connector



iHP-35M

130cm (4.2ft) and 90cm (2.9ft)
iHP-35M is terminated with a Furutech gold-plated 3.5mm stereo connector to a Furutech gold-plated MMCX connector
SHURE SE535 Special Edition, SE535, SE425, SE315, SE215 Special Edition, SE215 ULTRASONIC IQ, edition 8 Romeo & Julia, Ultimate Ears UE900



iHP-35H

130cm (4.2ft) and 300cm (9.5ft)
iHP-35H is terminated with a Furutech 6.3mm stereo connector to Furutech FT-H800 connectors
iHP-35H-XLR is terminated with Furutech XLR connectors to Furutech FT-H800 connectors



iHP-35Hx is terminated with a Carbon Fiber finished Furutech 6.3mm stereo connector to Carbon Fiber finished Furutech CF-H800 connectors
iHP-35Hx-XLR is terminated with a Carbon Fiber finished Furutech XLR connectors to Carbon Fiber finished Furutech CF-H800 connectors
For SENNHEISER HD-800 Headphone use



iHP-35ML

130cm (4.2ft) and 300cm (9.5ft)
iHP-35ML is terminated with a Furutech gold-plated 6.3mm stereo connector to a Furutech gold-plated MMCX connector

SHURE SE535 Special Edition, SE535, SE425, SE315, SE215 Special Edition, SE215, SHURE SRH1840, SRH1440
ULTRASONIC IQ, edition 8 Romeo & Julia, Ultimate Ears UE900



iHP-35S

130cm (4.2ft) and 300cm (9.5ft)
iHP-35S is terminated with a Furutech 6.3mm stereo connector to Furutech FT-2PS connectors
iHP-35S-XLR is terminated with Furutech XLR connectors to Furutech FT-2PS connectors
For SENNHEISER HD545, HD565, HD580, HD600, HD650, HD-25SP Headphone use



iHP-35S HD25



130cm (4.2ft)
iHP-35S HD25 is terminated with 3.5mm stereo connector to molded 2 Pin connector

For SENNHEISER HD 25-1 series Headphone use

iHP-35ML-XLR

130cm (4.2ft) and 300cm (9.5ft)
iHP-35ML-XLR is terminated with a Furutech gold-plated XLR connector to a Furutech gold-plated MMCX connector

SHURE SE535 Special Edition, SE535, SE425, SE315, SE215 Special Edition, SE215, SHURE SRH1840, SRH1440
ULTRASONIC IQ, edition 8 Romeo & Julia, Ultimate Ears UE900



iHP-35XII



130cm (4.2ft) and 300 cm (9.5ft)
iHP-35XII is terminated with a Furutech rhodium plated 3.5mm stereo connector to a Furutech rhodium-plated mini XLR connector

For AKG Studio and AKG Studio MKII series, AKG Q701, Pioneer HDJ-2000 Headphone use



iHP-35B

130cm (4.2ft) and 300cm (9.5ft)
iHP-35B is terminated with a Furutech 3.5mm stereo connector to an angled Furutech 3.5mm connector

For beats pro, beats studio, beats mixr, beats solo, beats executive, FOCAL Spirit One - Headphone Use (Not suitable for use with beats Pro Red and new beats studio)

25cm (0.8ft) and 150cm (4.9ft)
Featuring α (Alpha) Silver Copper OCC Hybrid Conductors
iHP-3563 is terminated with a Furutech gold-plated 3.5mm stereo socket and 6.3mm stereo connector



iHP-3563



19cm (0.63ft)
Featuring α (Alpha) Silver Copper OCC Hybrid Conductors
iHP-6335 is terminated at both ends with a Furutech rhodium –plated 6.3mm stereo socket to an angled 3.5mm connector



iHP-6335



Introducing the Extraordinary ADL series of Companion Stereo Cables

The Highest Performance Personal Stereo Cables You Can Find!

ADL (Alpha Design Labs) uses Furutech's Pure Transmission Technology to create high-value, innovative designs that everyone can afford. And in the age of personal, portable electronics everyone carries their music with them to connect to iDocks, headphone amps, home audio and even car systems. And there's no better sounding cables than the GT & iD series that comes in every type necessary to make every important connection you need with your Apple device.



- GT8-A / GT-30PA 0.10M Cable length: 10cm (3.9in)
- GT8-A / GT-30PA 0.18M Cable length: 18cm (7.1in)
- GT8-A / GT-30PA 1.0M Cable length: 100cm (3.2ft)

ADL GT8-A & GT-30PA High End Performance Lightning & 30pin cables for iDevices



- iD8-A / iD8-L 0.10M Cable length: 10cm (3.9in)
- iD8-A 0.18M Cable length: 18cm (7.1in)
- iD8-A 1.0M Cable length: 100cm (3.2ft)

ADL iD8-A & ADL iD8-L Lightning Connector to USB A for iDevices

iD-30 series



iD-30PS

Apple 30-Pin iDock-to-3.5 Straight:
 iD-30PA 0.10M Cable length: 10cm (3.9in)
 iD-30PA 0.18M Cable length: 18cm (7.1in)
 iD-30PA 1.0M Cable length: 100cm (3.2ft)



iD-30PA



Apple 30-Pin iDock-to-USB A:
 iD-30PA 0.10M Cable length: 10cm (3.9in)
 iD-30PA 0.18M Cable length: 18cm (7.1in)
 iD-30PA 1.0M Cable length: 100cm (3.2ft)

iD-30PL

Apple 30-Pin iDock-to-3.5 Angled
 iD-30PL-0.15M Cable length: 15cm (5.9in)



Not Just Another Pretty Face

The iD-35 Series are no ordinary cables; they've engineered and produced with Furutech's Pure Transmission technology and feature silver-plated α (Alpha) OCC conductor (28AWG) for minimal transmission loss and 24k gold-plated USB A-type or 3.5mm stereo connector, straight or angled. The cable achieves top-grade noise isolation using double-layer shielding – aluminum foil and tinned copper – in a RoHS-compliant sheath. The main conductors are treated with Furutech's α (Alpha) Process – a deep cryogenic and demagnetizing treatment. The result is outstanding, wideband, colorful and engaging sound that audiophiles and music lovers will love.

iD-35 series



When it's impractical to connect your Cruise headphone amp via its USB input we've created the iD-35SP 3.5mm analog stereo cable.

USB sounds best, but the iD-35 comes in a close second! Either way you'll enjoy some of the best sound available while looking – and sounding -- as hip as they come!

iD-35L 0.15M

Angled 3.5mm mini phone jack to straight 3.5mm mini phone jack
 Cable Length: 0.15m (1/2-ft)



iD-35SP 0.15M

Angled 3.5mm mini phone jack to straight 3.5mm mini phone jack
 Cable Length: 0.15m (1/2-ft)



iD-35R series

Straight 3.5mm mini phone jack to RCA
 Cable Length: 0.6m (2-ft) / 1.2m (4-ft) / 1.8m (6-ft) / 3.6m (12-ft) / 5.0m (16.5ft)



iD-35SP series

Straight 3.5mm mini phone jack to straight 3.5mm mini phone jack
 Cable Length: 0.6m (2-ft) / 1.2m (4-ft) / 1.8m (6-ft) / 3.6m (12-ft) / 5.0m (16.5ft)



The iD-35 Series cables feature silver-plated α (Alpha) OCC conductor for minimal transmission loss and 24k gold-plated connectors. The cable achieves superior noise isolation with two-layer shielding – aluminum foil and tinned copper – in a RoHS-compliant sheath. The main conductors are treated with Furutech's α (Alpha) Process – a deep cryogenic and demagnetizing treatment.

MP-S Introducing the ADL MP-S Cable Exclusively for SONY Walkman

Smart Looks and Scintillating Sound

ADL – Alpha Design Labs – creates innovative, smart-looking components with scintillating sound for computer-based systems as well as personal and portable electronics. Tokyo-based ADL aims high using the best materials and innovative design for an expanding line of Japanese-designed precision products that now include the ADL MP-S cable. The SONY Walkman has become THE portable media player of choice in Japan, and ADL has the first upgrade cable developed exclusively for its WM-PORT connector. When good enough isn't good enough choose the spectacular MP-S cable for that very every important connection to your Walkman.



Not Just Another Face in the Crowd

The MP-S is no ordinary cable; it's engineered and produced with Furutech's Pure Transmission technology. The cable feature silver-plated α (Alpha) OCC conductors treated with Furutech's α (Alpha) Process – a deep cryogenic and demagnetizing process. Terminated with a 24k gold-plated straight 3.5mm stereo connector.

The MP-S achieves high noise isolation with double-layer shielding – aluminum foil and tinned copper – while: an inner aluminum foil shield, a tinned copper shield, both in a RoHS-compliant sheath. The result is outstanding, wideband, colorful and engaging sound that audiophiles and music lovers will love.

Jacket:
RoHS Compliant Flexible PVC(Purple)

Shield 2:Alpha-TC, Wire Spiral

Conductor:
17/0.16(22AWG)Silver-Plated Alpha-OCC

Shield 1: AL foil Insulation:HDPE, red / white

WM-PORT-to-3.5mm
Stereo Straight

MP-S	0.10M	Cable length: 10cm (3.9in)
MP-S	0.18M	Cable length: 18cm (7.1in)
MP-S	0.6M	Cable length: 60cm (23.6in)

Sony WALKMAN volume can be controlled when connected with the MP-S cable

Alpha Design Labs



Formula 2 USB 2.0 Cables

Featuring 24k Gold-Plated USB 2.0 Connectors And Silver-Plated α (Alpha) OFC Conductors

Features

- Main conductor: Silver-plated α (Alpha) OFC Conductors
- Main Insulation: Special-grade high-density polyethylene
- 3-layer shield construction for improved noise insulation
- Connectors: Furutech-engineered 24k gold-plated USB series Connectors
- The best damping and insulation materials for improved frequency extension and tonal balance

Cable Types

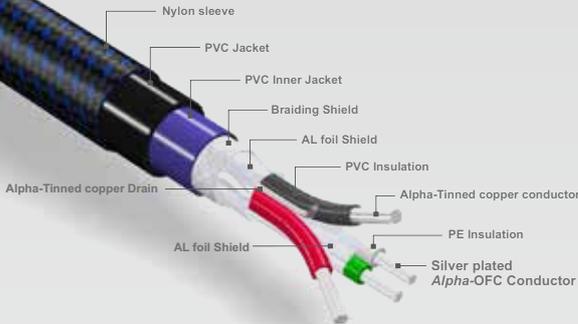
Formula 2 USB-B (Type A-B) / USB-mini B (Type A-mini B)

Cable Lengths

0.6m (2ft) / 1.2m (4ft) / 1.8M (6ft) / 3.6m (12ft) / 5.0m (16.5ft)



Formula 2 USB-mini B (Type A-mini B)



Hard Disk Management

More and more people have amassed large collections of music on their computer hard disks, and there are an increasing number of USB-input DACs to serve them. If properly setup and implemented computer-based systems are capable of smooth and detailed sound, especially with high resolution recordings. But as with any system component you need quality, well-engineered and built USB cables to get there. Furutech has created a high performance entry level 2.0 USB cable for this purpose. They begin with silver-plated α (Alpha) OFC conductors and a special-grade high-density polyethylene insulation/dielectric. As illustrated below the Formula 2 features three-layer shielding and specially engineered 24k gold-plated USB 2.0 connectors. As with the more highly specified GT2, the cable wrap includes damping and insulating materials keeping mechanical ringing from affecting the sound. A carefully engineered clamp improves grip and keeps both mechanical and electrical distortion at bay.

The result is much as you will hear from our GT2 USB cable: Clear and open highs, elegant midrange textures, powerful but in-control bass, an enhanced sense of the sheer palpability of the music you'll enjoy.

Features

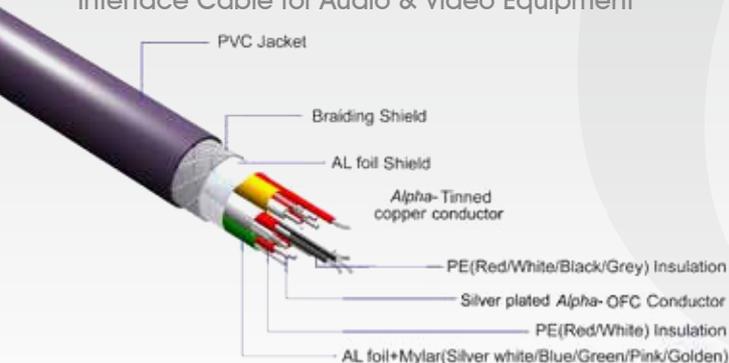
- Silver-coated conductor with advanced transmission characteristics reproduces rich, vivid and focused images
- Main conductor wire: α (Alpha) Silver plated μ -OFC conductor for minimal transmission loss
- HDMI Connectors: α (Alpha) non-magnetic 24k Gold-plated conductors with non-magnetic copper alloy body
- Superior noise isolation with 3 layered shielding cable construction with RoHS compliant sheath
- Cable diameter: 8.0mm
- Conductors treated with the Furutech α (Alpha) process (deep cryo and demagnetizing treatment)

Alpha Design Labs



H1-4 High Speed HDMI Cable

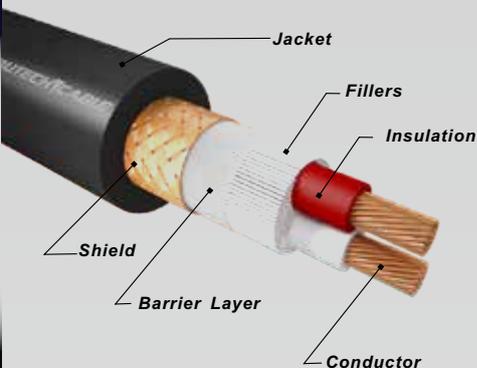
High Speed HDMI Cable with HEAC (1.4a/1080p~2160p)
Category 2 • 3D&4K compatible • High-Definition Multimedia Interface Cable for Audio & Video Equipment





Alpha Line-Plus

High Performance Alpha Line Plus RCA
Balanced Audio Cable



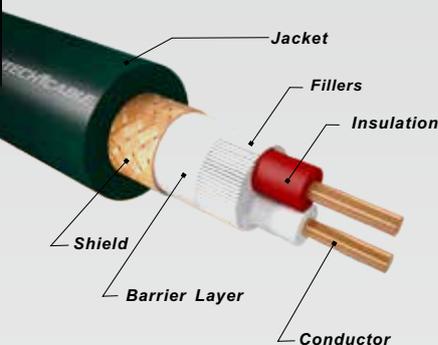
Features

- α (Alpha) OCC conductor (Balanced type).
- High performance FP-110 gold-plated α (Alpha) OCC conductor
- Special grade high density polyethylene foam Insulation (Red, White)
- Tow cores with cotton filler twisted together, barrier layer wrap with resonance suppressing unwoven tape
- Package: Length 1.0 m/pc, 2cps/set.



Alpha Line-2

High Performance Alpha Line 2 RCA
Balanced Audio Cable



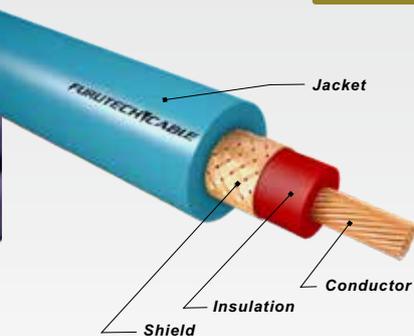
Features

- α (Alpha) U-OFC solid core conductor (Balanced type).
- High Performance FP-160 α (Alpha) copper alloy gold plated RCA connectors
- Special grade polypropylene Insulation
- Package: Length 1.0 m/pc, 2cps/set.



Alpha Line-1

High Performance Alpha Line 1 RCA
Audio Cable



Features

- α (Alpha) U-OFC conductor
- High performance FP-160 α (Alpha) copper alloy gold plated RCA connectors
- Special grade polyethylene Insulation
- Package: Length 1.0 m/pc, 2cps/set.

AWARDS



What Hi-Fi? Sound and Vision Product of the Year (UK)



What Hi-Fi? Sound and Vision Five Stars (UK)



"Highly Recommended" AV Forum (UK)



"Product of the Year" Tone Audio (USA)



What HiFi? Sound and Vision "Best USB Cable"



HiFi Choice "Recommended" (UK)



PC Advisor "Recommended" (UK)



Great sound "Great Buy" (USA)



AUDIO EXCELLENCE AWARD (Japanese Magazine: Audio Accessory)

MJ Audio Technology Award Japan



Magazine Audio "Best Buy"



HiFi News "Outstanding Product" (UK)



the best in high performance, high value audio

All Metal Parts and Conductors Treated with the Patented 2-Stage α (Alpha) Super Cryogenic and Demagnetizing Treatment

Using cutting-edge technology and materials, Furutech's 2-stage Super Cryogenic and Demagnetizing process significantly improves every facet of audio and video performance. The treatment begins with a deep, conditioning cryogenic freeze of all metal parts, including conductors and connectors. Stage Two exposes the parts to the patented Ring Demagnetization treatment. These treatments keep all connectors, conductors, and metal parts in a perfect stress-free and stable condition, improving electrical conductivity and so power and signal transfer.



Tokyo • Japan
service@adl-av.com

Alpha Design Labs (ADL)

3F 7-11-1 NishiGotanda Shinagawa-Ku Tokyo 141-0031 Japan
Tel: +81-3-5437-0281 Fax: +81-3-5437-8470
E-mail: service@adl-av.com
URL: www.adl-av.com



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