

Ocharaku Sound Customize New product Information

“Flat4-KEYAKI Plus” “Flat4-AKAKEYAKI Plus”

The latest collaboration of Oak village's timber craftsmanship and Ocharaku's finest sound engineering. Sales/Production will start off with 110sets for each models in Japan.

The center cabinet is made of japanese zelkova; has the highest value of sound transmission among all wood materials; coated with natural raw lacquer.

Each pieces are specially selected and handcrafted by master craftsmen in the forest of Hida-Takayama.

Oak village had finally overcome technical difficulties of crafting japanese zelkova in to Flat4 center cabinet by introducing new Numerically Controlled machine and their finest wood craft technique.

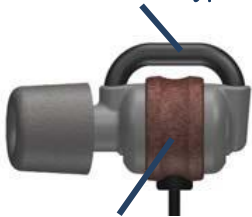
Introduction highly pure and the most crystal clear sound among Flat4 series; KEYAKI Plus.

Open price Ocharaku Sound Customize estimated sealing price ¥85,000(before tax) ¥91,800円(after tax)

Release date November 11th , At Fujiya-avic, e-earphone, Yamano instrument Ginza brunch, Yodobashi-camera (selected brunch only), Oak village, Ocharaku Sound Customize shop and others.

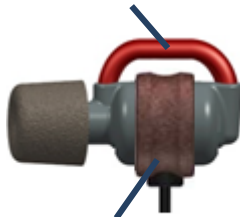
October 22nd and 23rd trial/exhibition and limited pre-release sales at autumn Headphone Festival 2016' sponsored by Fujiya-avic

Phase adjustor tube
Standard 28mm type



Lacquer coated Japanese
Zelkova center cabinet

Phase adjustor tube
Extended 30mm type



Lacquer coated Japanese Zelkova
center cabinet



FURUTECH Co. Non-magnetic Pure copper
Rhodium plated 3-pole stereo mini plug.

Raw lacquer; one of the most ideal natural over coat; exceptionally solidify the applied wood than any chemical over coats.

Over time, by exposure to sun (UV) light, lacquer coat increases its translucent level thus the timber grain starts to be more and more visible.

Bothe sound and visual of this product will age uniquely and specifically only in your way.

FURUTECH Co. Non-magnetic Pure copper Rhodium plated 3-pole stereo mini plug.
Assuring higher quality and crystal clear sound.

Phase adjustor tube is adopted for Acoustic circuit, designed to suppress sound deterioration factor caused by occluded ear canal; vibration around 6kHz.

Sound quality could be improved by selecting suitable length type matching to individuals ear canal length.

Flat4-KEYAKI Plus, for a standers ear canal length and Flat4-AKAKETAKI Plus for longer ear canal length.



Full-range 2-element 4-way effect Canal type headphone

Deepest bass beyond Closed dynamic type / spatial sound expansion just like Open air type
Twin-Equalize-Element system

Patented No.4953490 (JPN) US Pat. No.8660288 Euro Pat. No.2595408

1st effect: the face-to-faced element cancel out unwanted occurring vibration by “counter-vibration” to maximize deepest bass beyond Closed dynamic types

2nd effect: by driving two elements simultaneously increases sound pressure sensitivity from low to mid sound register

3rd effect: Phase adjustor tube eliminates occluded ear canal resonate vibration and significantly improve middle to higher register

4th effect: Minimizing acoustic resistance and adopting smaller element to drastically enhance the highest register creating sound expansion of Open air type

Comparison table

	Flat4-KEYAKI Plus, AKAKEYAKI Plus NEW!	Flat4-SAKURA Plus, AKASAKURA Plus
Front and Rear cabinet	Liquid crystal polymer	⇐
Center cabinet	Solid japanese zelkova coated with raw lacquer	Solid wild Sakura wood coated with raw lacquer
Element	010e002	⇐
Cable with plug	FURUTECH Co. Non-magnetic Pure copper Rhodium plated 3-pole stereo mini plug, *quadruple conductor cable (cable brunch point to plug)	3-pole stereo mini plug, *quadruple conductor cable (cable brunch point to plug)
Sound adjust by;	Sound check by Comply and SpinFit	⇐

* Quadruple conductor cable with separated grand for more distinguish sound character for each side

Technical data

Element	010F002 PURE iron plated plate & yoke Φ 10mm Dynamic type x2 (On each side)
Acoustic system	Twin-Equalize-Element system
Output sound pressure level	104dB SPL/mW
Frequency	3.5 to 45kHz (High-resolution compatible)
Max input	400mW
Impedance	18 Ω
Mass	Approx. 26g
Plug	Φ 3.5mm Rhodium plated stereo mini plug
Cable length	1.2m(Y type)
Accessories	Comply foam ear tips T-200 L size (M size on product) SpinFit S, M, L size L type cable adapter, Wooden casing(japanese zelkova & paulownia solid wood), Cleaning cloth, Manual instruction/warranty card

JANコード Flat4-KEYAKI Plus : 4573363670105
Flat4-AKAKEYAKI Plus : 4573363670112

Other features

- Quadruple conductor cable with plug for more distinguish sound character for each side
- Compatible to high-resolution sound source: Covering from 3.5 to 45kHz
- Minimizes touch noise: Flat4 structure and Comply foam ear tips
- Improving high frequency performance: SpinFit; silicon ear butts
- Clean middle to high register with less distortion: Tangential-less Diaphragm
- Sustainable to high input up to 400mW: Specific CCAW lines used for voice coils
- Powerful magnetic circuits configuration: Maximum Energy Product of 400kJ/m³(50MGOe) Neodymium magnet combined with electromagnetic PURE iron plates and yoke
- Non fading indications: All indications are laser marked; chipping off and/or discoloration will not occur

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