



MOBIUS AKG Mk.II SPECIFICATIONS

ZU AUDIO MOBIUS AKG Mk.II [REV-A] HEADPHONE-LEVEL CABLE SPECIFICATIONS + INFORMATION

| | | |
|--|--|--------|
| Design | Zu Mobius AKG Mk.II is a high performance headphone cable developed specifically for AKG cans to improve resolution top to bottom, and improve the bass extension and deep impact of the 270 series and up. Mobius AKG Mk.II is much more flexible than the original Mobius, it's also smaller in size, less weight, more rugged and has lower handling noise. It is also more relaxed in it's sound than the original Mobius, allowing longer listening with less of that ear burn feeling. Mobius AKG Mk.II will fit any AKG phone using the three-pin mini-XLR connector. Replacement of stock cable is pretty simple, if you haven't figured it out you probably shouldn't be driving a vehicle either. Depress the button on the headphone connector and pull. Index new cable and insert. Right out of the box the cable can be grainy and a bit hashy, this will go way after a few days of play. Don't worry about any special burn-in systems or program material, just listen and enjoy. They will however evolve as you play them, mainly due to the Teflon insulation. After about four hundred hours they will sound as intended. If you want to speed this process up, loop some big full scale music and let the phones play. | |
| Swapping Cable | | |
| & | | |
| Burn-In | | |
| Device Under Test | Zu Mobius AKG Mk.II Rev-A 8' [2.5m] terminated 1/4" [6.3mm] phone to three-pin mini XLR | |
| Cable Format | stereo two-channel with virtual ground between channels | |
| NOTE | AKG does not follow convention on their pin-outs | |
| Pin 1 | common ground | |
| Pin 2 | right / ring | |
| Pin 3 | left / tip | |
| Signal Conductor Metallurgy | pure U.S. refined, drawn and processed copper core with direct deposit pure silver skin | |
| Ground Conductor Metallurgy | pure U.S. refined, drawn and processed copper core with direct deposit pure silver skin | |
| Cable Geometry | Zu Mobius Mk.II two-channel odd or even mode | |
| Signal Wire Geometry | low strand count, perfect lay | |
| Ground Wire Geometry | low strand count, perfect lay | |
| Dielectrics | virgin white PTFE / all circuits | |
| Cable Sheath | Nylon | |
| Connector Metallurgy | nickle plated brass | |
| Connector Termination | silver bearing, lead-free solder | |
| Directional | yes, set at factory | |
| Crosstalk | nil, channels are separated by virtual ground | |
| Bandwidth | DC—100MHz linear phase | |
| Rs Signal | 0.45 Ω | |
| Rs Ground | 0.15 Ω | |
| Cp Left "A" | A' / ground | 152 pF |
| | A' / B' | 82 pF |
| Cp Right "B" | B' / ground | 152 pF |
| | B' / A' | 82 pF |
| RF Shielding | helical | |
| Bend Radius | 0.5" [12mm] | |
| Cable Diameter | 0.15" [38mm] | |
| Tolerance, Intra-channel | >0.1% | |
| RoHS | compliant | |
| Design | Zu Audio | |
| Manufacturer | Zu Cable Inc. Ogden, Utah | |
| Manufacturers Country Of Origin | U.S.A. (99%) | |
| Warranty & Service | limited, two years, does not cover misuse or abuse | |



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The original Mobius was launched the fall of 2003. Four years later Zu announces Mobius Mk.II

So what's new with Mobius AKG Mk.II? Most everything, it's lighter, tougher, flexible and it sounds better, retaining the resolution and extension of the old cable, but with a more natural presentation of timbre and texture, less aggressive top while being more open and extended, less woolly bass, and better pop.

Mobius AKG Mk.II features a mini-XLR and works only with the listed AKG phones. The mini-XLR is an indexed and locking type connector and only fits one way. Available with standard 1/4" [6.3mm] phone, miniphone [3.5mm], and 90° miniphone stereo connector—your choice, no upcharge.

Mobius AKG Mk.II is much more flexible than the original Mobius, is smaller, less weight, more rugged, and it sounds better too. It will improve the resolution, timbre and dynamic range of the following AKG phones: (60-day satisfaction guarantee)

K 702 | K 701 | K 270 | K 271 | K 240 | K 171 | K 141 | K 141 M

- New cable design preserves all the good qualities of the original while reducing weight and becoming flexible.
- New concentric-lay silver over copper conductor with Teflon™ insulation for smoother sound.
- New static dissipating sheath.
- New sheath is also much more damp, reducing handling noise.
- All connections are fully epoxy potted.
- Manufactured by us in Ogden, Utah.

BURN-IN

Mobius does take a few weeks to sound its best, most however find it to be better than stock right out of the box. Please do not worry about or use any special burn-in systems or procedures, just listen and enjoy. Essentially complete burn-in is roughly 400 hours, due to the exclusive use of Teflon. Zu does not recommend any contact enhancing products for the Mobius, or any Zu interconnecting patch cable.

MAINTENANCE

No maintenance is required for the cable or the connector. All conductors are completely sealed, including the connectors which are fully potted with epoxy.

We do not recommend any contact enhancing products for Mobius or any Zu interconnecting patch cable.