AK15 plus Instruction sheet

Thank you for choosing the AK15 plus **pickup system.**

Be assured, we have done a lot to achieve this level of performance.

The **AK**15 plus is a two source system with a piezo crystal plus an electret condenser microphone integrated in the endpin. The microphone level is adjustable at the preamp and controlled with the soundhole control (SHC).

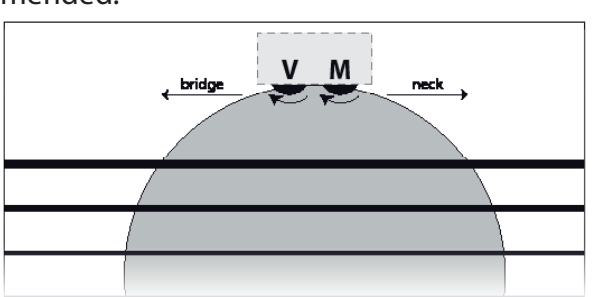
The **AK**15 plus provides high volumes and impressive punch combined with low noise components for the best possible signal to noise ratio.

Operation

The **AK**15 plus is a very powerful system, that combines a strong piezo signal with an additional microphone signal. It is designed to blend the microphone to the pickup for overtones and more liveliness. The **AK**15 plus system is not made for "microphone only" performance! You will find a surprisingly warm yet strong and clear tone from the piezo due to a suitable electronic environment. The microphone will add definition, vitality and authenticity as well as an "acoustic ambience", that makes the sound more natural.

Plugging your jack into the endpin-socket closes the circuit and **switches the system on**. **Without jackplug** the system is **switched off** and there is no active battery consumption, just the usual self-discharge of unused batteries.
With the guitar in playing position, the right pot (in direction of the bridge) is the master **volume**, the left pot (in direction of the neck) adds the **microphone** signal.

You can make use of the whole range of the SHC **microphone control** to **almost max** (over to far left = no microphone signal), depending on your personal sound preferences.
The Master Volume **control** adjusts your overall output signal. Starting in zero position (no output signal, over to far left) turn it clockwise to boost the output level, but please keep in mind: **the optimal range of this control is between 30 and 60% rotation!** Full volume is neither necessary nor recommended.



Troubleshooting

No piezo signal

Make sure that the jack connector inside the guitar is connected properly. There should be an audible "click" when the ball-ended jack safely sits in the 2.5 mm plug. It can take a little effort.

No mic signal

Please listen carefully first as you may just expect way more microphone than we provide for good reasons and bare in mind: in many cases the reference for functionality is including the negative bit… we are not proving this range as we want to make sure that you can use the microphone up to its best.

No output signal

Ensure that the battery still has enough charge to operate the system

Ensure that the strap holder on the end-pin is screwed on tightly. Strap movements sometimes loosen the strap holder (although the rubber O-ring should prevent this) which may lead to a contact fault in the endpin socket.

Technical Specifications:

Max. Outut:	+10 dBV
Ouput Impedance:	< 5 k Ω
Supply Voltage:	9 V Battery
Supply Current:	5.8 mA
Design:	Low Noise Class A/B output stage Low Noise FET input stage

DC-DC Converter

Specifications and appearance are subject to change without notice. Register at: www.aer-music.de, follow us on

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Terms of warranty

This product is under guarantee for a period of two years.

The guarantee covers manufacturing and material faults and will only apply if the product has been used for the intended purpose, under normal conditions.

It does not cover normal wear and tear nor any alterations made by the customer. We have taken every possible care while making and transporting this product. If you also take every possible care when using it, you will be able to enjoy your product for a longer time.

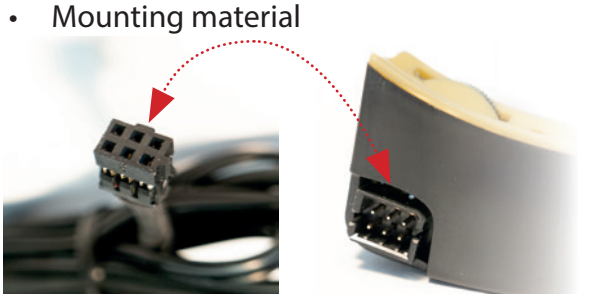
Damage due to anything other than manufacturing or material faults will not be covered by any form of warranty, but can be repaired at a reasonable charge. If you'd like to make use of this service, please return the product to the retailer where you originally purchased the product.

Make sure to clean the product before returning it. Unacceptably dirty products will not be handled and will be returned to sender.
Products will only be considered for guarantee if the bill is enclosed.

This packet contains:

AK 15 plus

- Endpin PreAmp with built in microphone
- Soundhole Control (SHC)
- 2 x Piezo elements
  PG 607 for classic guitars
  (2.6 x 58 mm)
  PG 617 for steelstring guitars
  6 or 12 string (2.6 x 55 mm)
- Battery bag
- Mounting material



Plug-in endpin to the SHC: take care of the right position. The little catch must be at the top side.