

Legend AMPs series 2



GUITAR PREAMP HANDBOOK



www.amtelectronics.com

Russia Omsk

West Siberia

Take your rig to another level!

Legends references:	S2 Soldano SLO100
D2 Diezel	O2 Orange Ad30
P2 Peavey 5150	C2 Cornford Carrera
E2 Engl	K2 Krank
R2 Mesa Rectifier	B2 Bogner Extazy
M2 Marshall JCM800	Vt2 VHT

Names used in this document are trademarks of their respective owners, which are in no way are associated or affiliated with AMT Electronics.

These trademarks of other manufactures were used to identify products whose sounds were reviewed in the making of this product.

Safety instructions:

WARNING! Inside the device there are no parts that are user-serviceable. Repairs to the device may only be performed by qualified personnel.

WARNING! Do not expose the preamp to rain, moisture, dripping or splashing water. Do not place objects filled with liquids, such as vases, etc.



Please read the instruction manual carefully

1. Keep the manual.
2. Heed all warnings.
3. Follow all instructions.
4. To clean the unit, use a dry cloth, first unplug the appliance and unplug it from the power adapter.
5. Do not install near any heat sources or expose to direct sunlight.
6. Place the power cord so that it can not be stepped on, and avoid its contact with sharp corners, etc. In that case, if the plug or socket adapter is used to disconnect the unit from the network, they must be easily accessible.
7. Only use attachments and accessories recommended by manufacturer.
8. Unplug the AC adapter (when using the AC adapter) during a thunderstorm.
9. When not in use for a long time, remove the battery from the device case.
10. All work associated with the repair of the device must be performed by qualified service personnel.
11. **WARNING!** These service instructions are for use by qualified personnel. Do not carry out any repair work not described in the instruction manual. Repairs must be performed by qualified personnel.

IMPORTANT NOTICE!

Violation following instructions can cause damage to your DEVICE.

DAMAGE ARISING WILL VOID YOUR WARRANTY.

When transporting or storing the product in the freezing temperatures, before turning on leave the device at room temperature in its original packaging within 2 hours, not less!

To connect the preamp to other devices, use only the cables intended for such connections.

Do not use other cables, such as acoustic, etc.

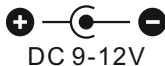


What's in the package:

The package includes following products:

- | | |
|------------------|------|
| 1. Guitar preamp | 1pc. |
| 2. User's manual | 1pc. |
| 3. Cardboard box | 1pc. |
| 4. Warranty Card | 1pc. |

Arrangement of contacts
in a low-voltage socket
of the adapter.



Before you start:

To ensure the safe transportation of the device was carefully packed at the factory. However, if the box is damaged inspect the unit immediately for signs of damage.

If you see damage do not sent directly to the address of the manufacturer, but notify your dealer and the shipping company, otherwise you will lose the right to compensation.

Only use attachments and accessories recommended by manufacturer.

Installing and replacing the batteries:

This device works with a battery type 6F22.

To install do following things:

1. Slightly loosen the two screws on the side panels, and also the plastic nuts 6.5mm "Jack" inputs, then remove the bottom cover.
2. Connect the battery to the battery terminal and set it in place.
3. Assemble the unit in reverse order.

**AC / DC adapter can be used together with the battery installed
in this case power adapter will be used automatically.**

Connecting the preamp to the power adapter:

- The connection is made only after all the audio connections!
- Before connecting the preamp to the power adapter, make sure that the case, connection cable, and plug the AC adapter are not damaged: no cuts, cracks, dents, etc. and are in good condition.
- To connect the preamp to the AC adapter, insert the low-voltage connector adapter into the jack on the right panel of the preamp, and then plug the adapter into the wall outlet.

Disconnecting the preamp from the power adapter:

- To disconnect the preamp from the AC adapter, disconnect the AC adapter from the power outlet, and then disconnect the low-voltage connector from the socket on the right-hand panel of the preamp.
- To prevent damage during storage and transport use the original packaging.
- Do not let children play with the packaging.
- Please dispose of all packaging materials in an environmentally friendly way.
- To avoid overheating of the device is provided with sufficient ventilation, do not cover it, and do not place near heating radiators etc.
- Operation near powerful radio transmitters and high-frequency sources can lead to a marked deterioration in sound quality. In this case, increase the distance between the sensor and the transmitter and use shielded cables for all connections.

WARNING!

Please note that high volume can damage your hearing and/or damage to the dynamic head of your speaker system. Before switching on the unit, turn knobs «Volume» to the left (counter clockwise). Always make sure that volume is moderated.



General characteristics

Two-channel LA-2 series preamp effects are designed to produce clean and overdriven guitar sound within a variety of guitar channel organization. The basic concept of the series is "your own sound in a pocket." LA-2 incorporates original circuit designs developed by the specialists of AMT, which allow to obtain bright and rich sound in the style of the original tube overdrives using low-voltage (9-12V) power and low current consumption.

The distinctive feature of the series is the presence of three outputs intended for implementation of basic types of channels organization:

- direct connection to guitar system power amp, that can be presented as a separate unit or accessed via return input of a guitar combo/head FX loop
- connection to "clean" channel of a guitar combo or head amp
- direct connection to a mixer (line-in)

All three of these outputs can be used simultaneously!

Fully carrying out its functions and without exerting any influence on each other.

Use the different outputs for recording direct and micing at the same time, run different effects through different outputs, or record three DAW tracks all at once. The routing and recording options are endless.

AMT Legend AMP series 2 of pedals are a studios engineers dream come true.

When connected to power amp and mixer AMT LA-2 is a switchable two-channel preamp between clean and overdrive channels using footswitch. "Clean" channel universal for all models in the series and has the character of the sound in the style of classic Fender amps.

When operating the AMT LA-2 in the effect of using "clean" channel external amplifier or combo, you must consider that the resulting sound is largely determined by used combo amp. While the effect of the series using the "gentle" active bypass, which reduces the need to minimize the length of the cords as much as possible while maintaining the original sound of the instrument while effect switched off.

Control panel

AMT Legend AMPs series 2 are easy to use and have a small number of controls.

(1/2/3) Regulators TREBLE, MIDDLE, BASS are adjustable upper, middle and lower frequencies of Drive channel.

(5/12) Sensitivity of channels determined by the position controller OD.GAIN for the Drive channel and button CL.BOOST for the Clean channel. When operating as an effect OD.GAIN control and CL.BOOST button do not affect on the sound passing through the bypass!

Different AMT LA-2 models have different sensitivity of the Drive channel corresponding to the sensitivity of the emulated LegendAMP.

(7/13) The output level is determined by the position of "OD. LEVEL" regulator for the Drive channel and of CL.LEVEL for the Clean channel, which is in the position for 13 hours a standard level of -10dB.

Output level at maximum control position reaches +8 dB, so use this position only if you want to overload the input circuit of your combo or additional output amplifier overload.

(6) Direct connection to guitar system power amp, that can be presented as a separate unit or accessed via return input of a guitar combo/head FX loop.

(4) Connection to Clean channel of a guitar combo or head amp.

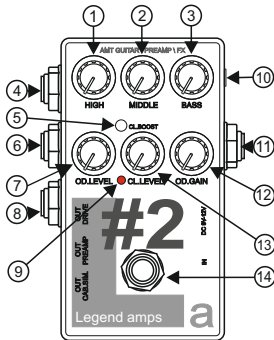
(8) Direct connection to a mixer (line-in) or sound card.

(9) LED indicator turns red when the effect is activated.

(10) Power Connector DC.

(11) Guitar input.

(14) Foot switch turning on and off the effect.



Attention!

AMT Legend Amps series 2 preamp, as well as any high-end devices, demands for power supply. We strongly recommend to use power supply for this series or battery voltage 6F22 9V, or an adapter that fits the requirements for the quality.

Recommended:

AMT ELECTRONICS NOISELESS AC/DC ADAPTER DC 9V 0,85A
AMT ELECTRONICS NOISELESS AC/DC ADAPTER DC 12V 1,25A



Technical characteristics

INPUT

Impedance 1,0M Ω
Nominal sensitivity -20dB

OUTPUT

Output Impedance 10k Ω
The output level +10dB

OUTPUT CAB.SIM.

Output Impedance 10k Ω
The output level -10dB

Power

Voltage **Battery 6F22**
DC 9V
Current consumption Approx. 6mA

Power adapter (option)

AMT AC/DC Adapter
AMT AC/DC Adapter

Voltage

Recommended:

DC-9V 0,85A
DC-12V 1,25A

DC 9V or DC 12V

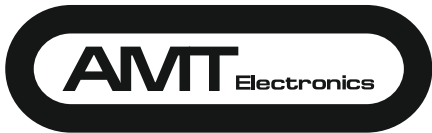
Dimensions / Weight

Dimension NETTO 113x56x77 mm
Weight NETTO (without battery) 0,31kg
Dimension GROSS 125x83x103mm
Weight GROSS (without battery) 0,36kg



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