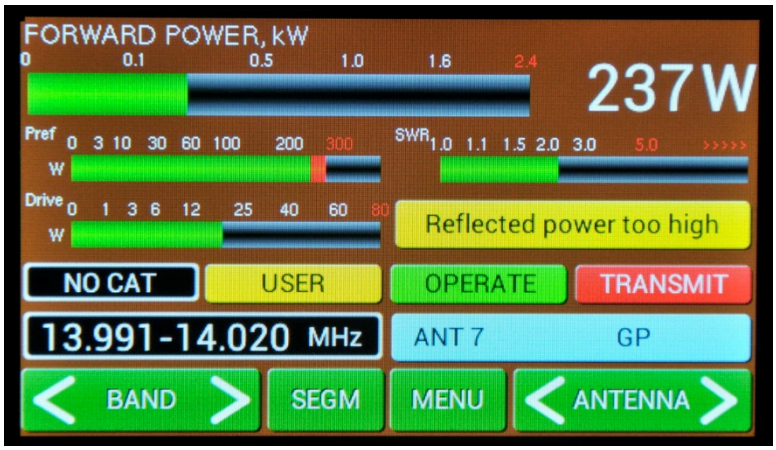
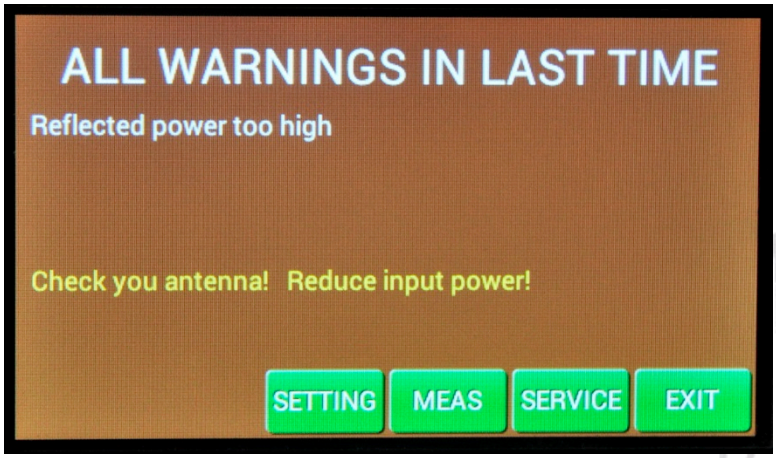
All the warning and fault messages are stored in the memory. You can display particularly warning messages and particularly error messages. They are stored one by one to the memory. You can see them on the display. If memory is full, every new message will delete oldest one and move rest of them one position back. It means that every time last 20 messages are visible on the display.



This an example from previous attempt, when antenna was disconnected from the PA during transmitting.

Reflected power was higher than 250W, warning message “Reflected power too high” appeared.



If you touch the yellow box, warning details will be visible.

In the case of some hardware failure or if your power amplifier is not working properly, please contact the manufacturer or your dealer.

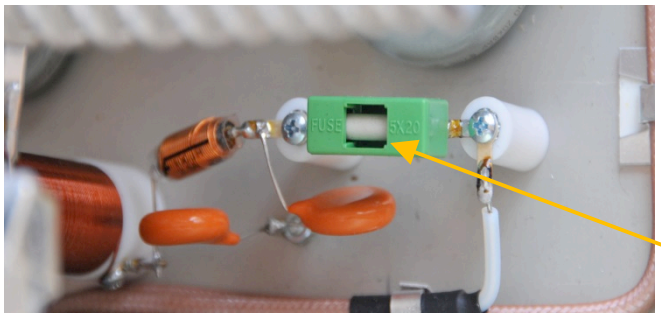
Never try to change or move any part inside the amplifier except of tube or fuses. Substitution of parts may void intrinsic safety!

Dealer in USA:

Array Solutions
2611 North Belt Line Road
Suite # 109
Sunnyvale, TX 75182
Tel: (214)954-7140
Email: sales@arraysolutions.com

Fuse Replacement

The user is allowed to change mains fuses (6.3 x 32mm), accessible from the rear panel, only. In the case of fuse (fuses) interruption inside the power amplifier, **exchange can be carried out only by professionally qualified person!** Internal fuses are located mainly on the SWITCH-on board (next to the HV transformer).



One special fuse is used in the model OM2000A+. In the case of an accidental discharges in the tube this fuse saves HV supply circuits.

Fuse

6.2. Tube Replacement

In the case of vacuum tube damaging, contact the manufacturer or your dealer for ordering new one. You will get instructuions how to change it. **Exchange can be carried out only by professionally qualified person!** After tube replacing **automatic BIAS adjustment** must be done.

6.3. Cleaning

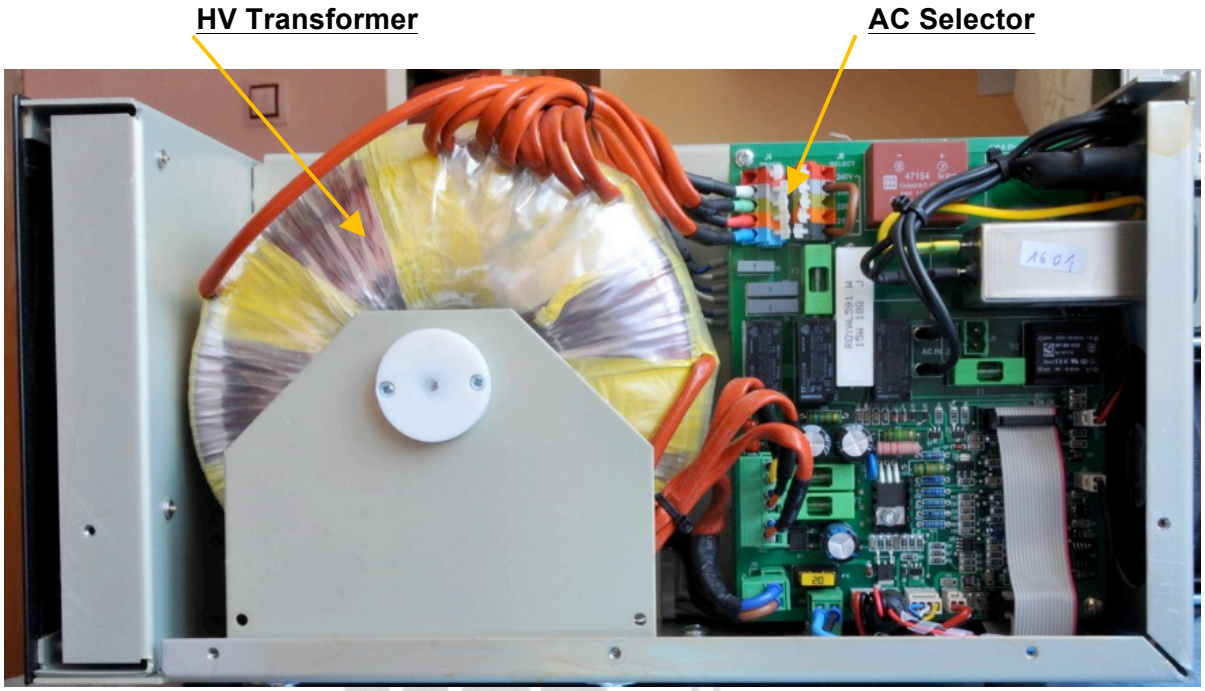
To prevent damage to amplifier surface and plastic components do not use aggressive chemicals for cleaning. Do not open the amplifier for cleaning. Outer surface may be safely accomplished by using piece of soft cotton cloth moistured with clean water or window cleaner.

7. APPENDIX

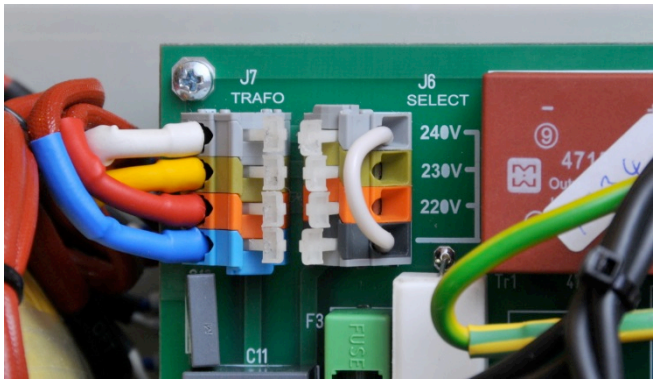
7.1. Primary AC voltage selection

Primary section of the HV transformer is switchable for three values of AC voltage (220, 230, 240V). Factory settings is 230VAC. Before first starting of the PA we recommend to check the correct value according to the AC voltage in your network. Change the settings, if necessary.

Side view on the opened OM2000A+



Remove the upper lid first. On the right side of the PA, next to the HV transformer there are two PCBs mounted. On the left upper side of the front (Switch-ON) board connector J6 is located.



Use flat screwdriver or finger and press carefully the white stick to release contact and move upper end of the white jumper to the proper position, if necessary.

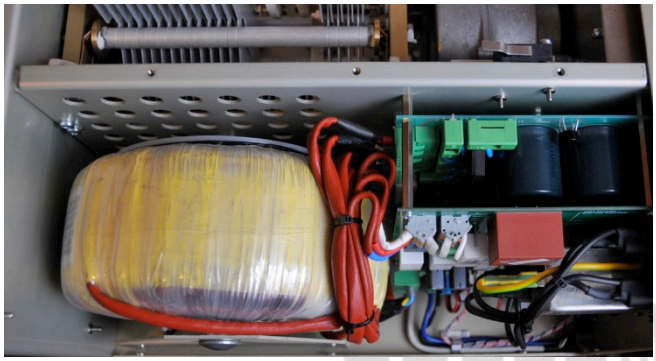
Jumper must be connected between bottom contact and one of remaining contacts. AC voltage is marked next to every contact.

AC selector range can be changed in the production according to the specific conditions in individual countries.

7.2. Removing HV Transformer

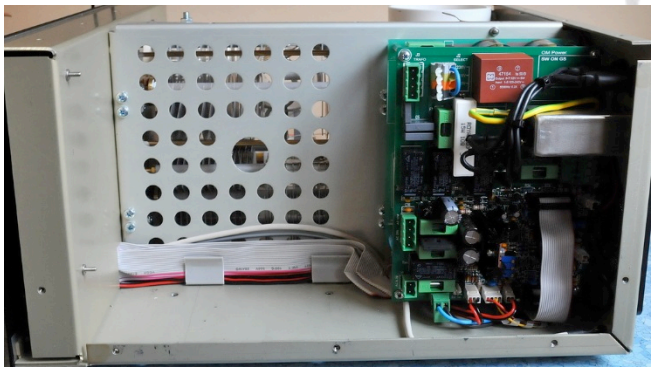
For simpler and easier transport of the PA, HV transformer can be removed and taken separately. This distributes the weight of the PA (52 lbs) about half and half. Follow next steps to do it.

1. Remove upper lid from the PA (use Phillips screwdriver bit PH1 !) .
2. Turn the PA on the left side (transformer is up).
3. Disconnect **3 connectors** from the front board and **1 connector** from the rear board.
4. Release **4 screws** from the bottom side of the PA. Use Philips screwdriver bit P2. During the release of the last 2 screws hold the transformer by hand. Do not worry about its weight, it will move down just 1 cm and remains on the central rung of the PA.
5. Use both hands to take transformer away from the chassis.



Watch the released terminals, when moving the transformer!

Do not damage transformer insulation during removing and transportation.



Weight of the PA was distributed (transformer has 26 lbs, rest of the PA has approx. 26 lbs, too).

When refitting the transformer, watch to the correct location of individual sections and wires.

Manufacturer reserves the right to make future changes in the way of connecting the transformer to the board. Allways mark the position of the terminals before disconnecting the transformer.