

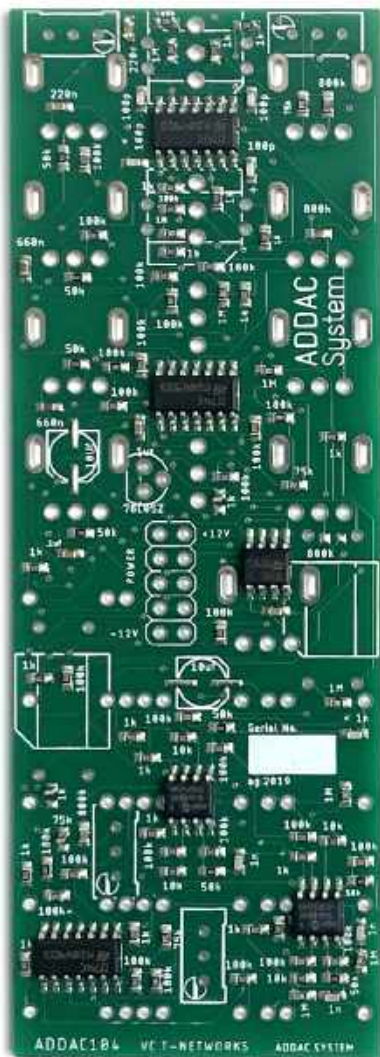


ADDAC System

ADDAC System

ADDAC104 Assembly Guide

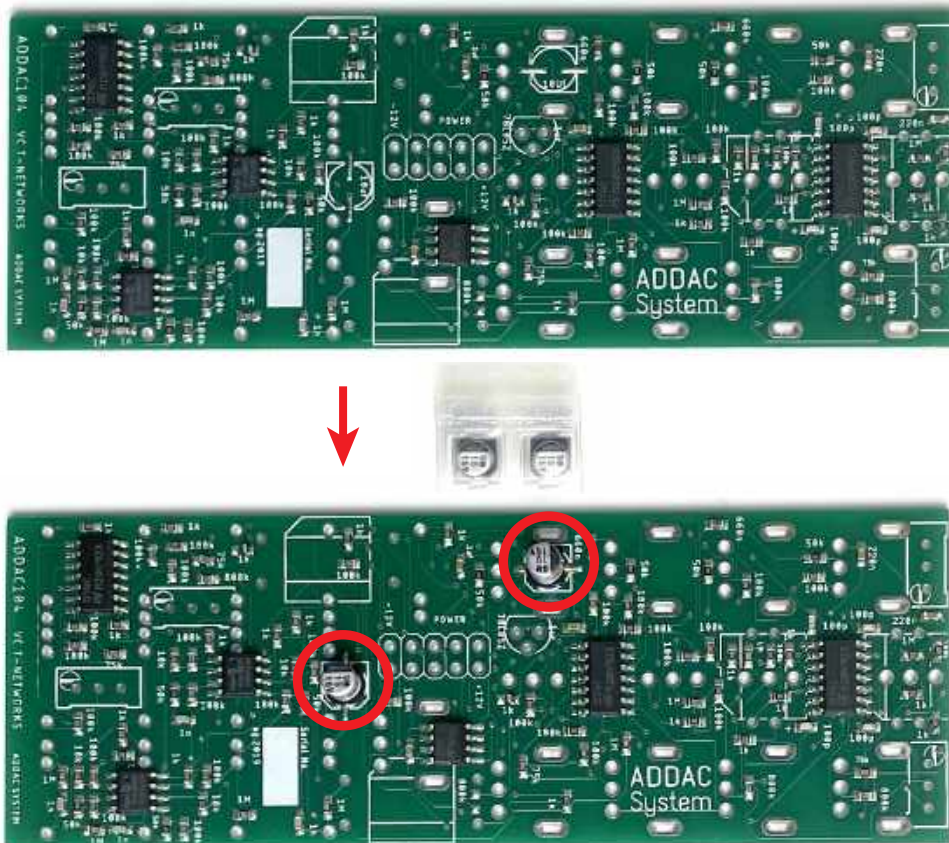
March.2020



STEP 1:

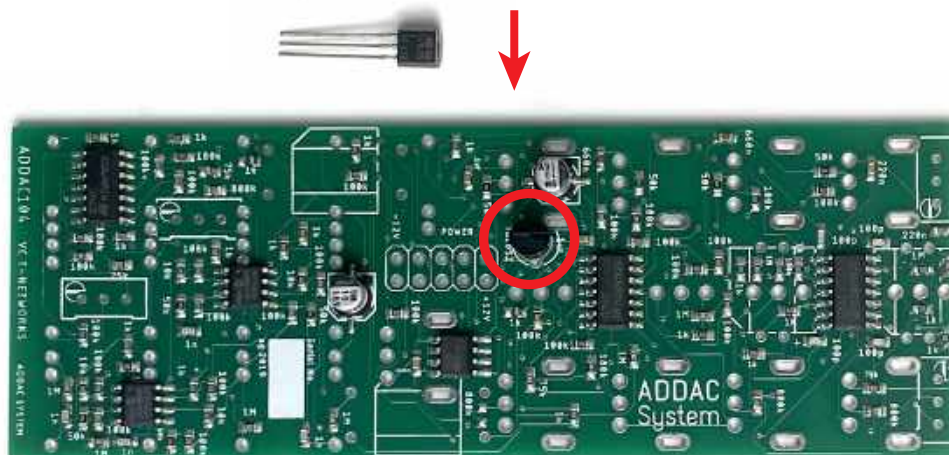
Start by locating the 2 capacitors and solder them like shown below, notice the orientation on the pcb print.

Tip: soldering these caps is easy, just place a dab of solder on the pad on your right (left pad if you're left handed) and then, with the help of a tweezer, put the capacitor in place and reflow the solder while pushing the capacitor down. Then solder the other pad.



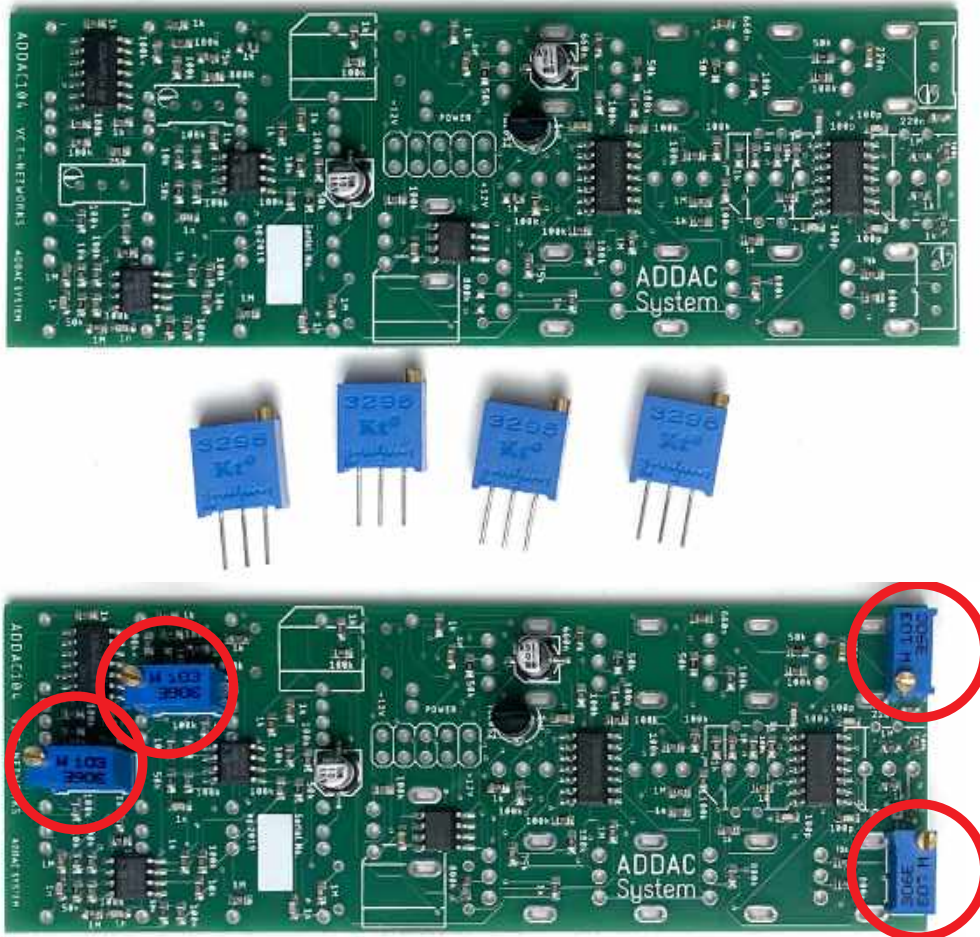
STEP 2:

Next proceed to locate the LM78L05 regulator and solder it like shown below, notice the orientation on the pcb print.



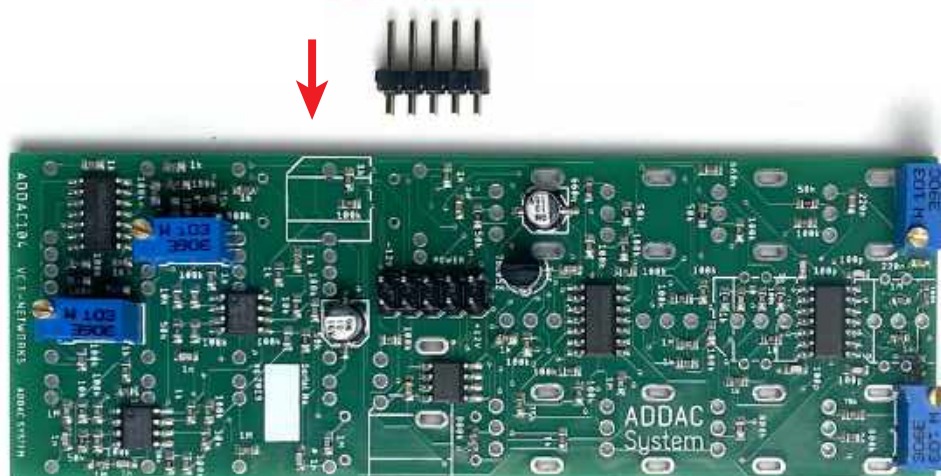
STEP 3:

Next locate the 4 trimmers and solder like shown below, notice the orientation on the pcb print.



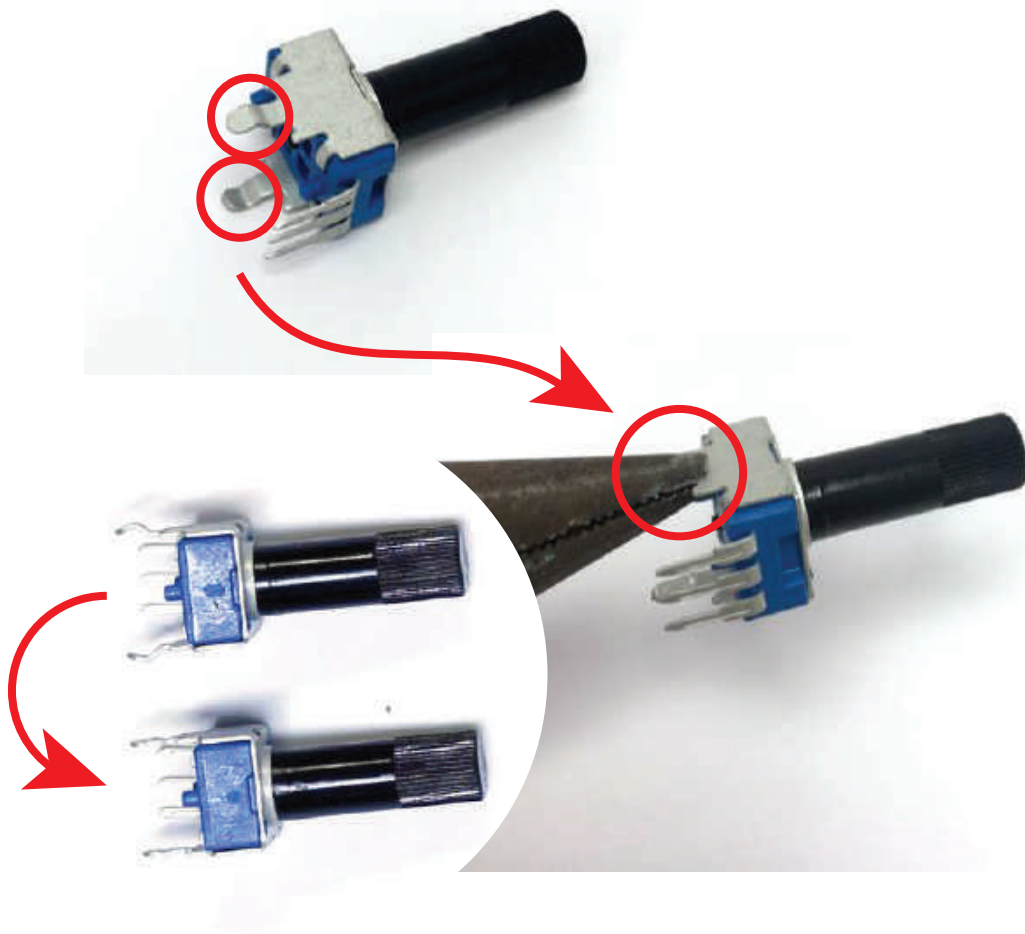
STEP 4:

Next locate the 2x5 pinheader and solder it like shown below.



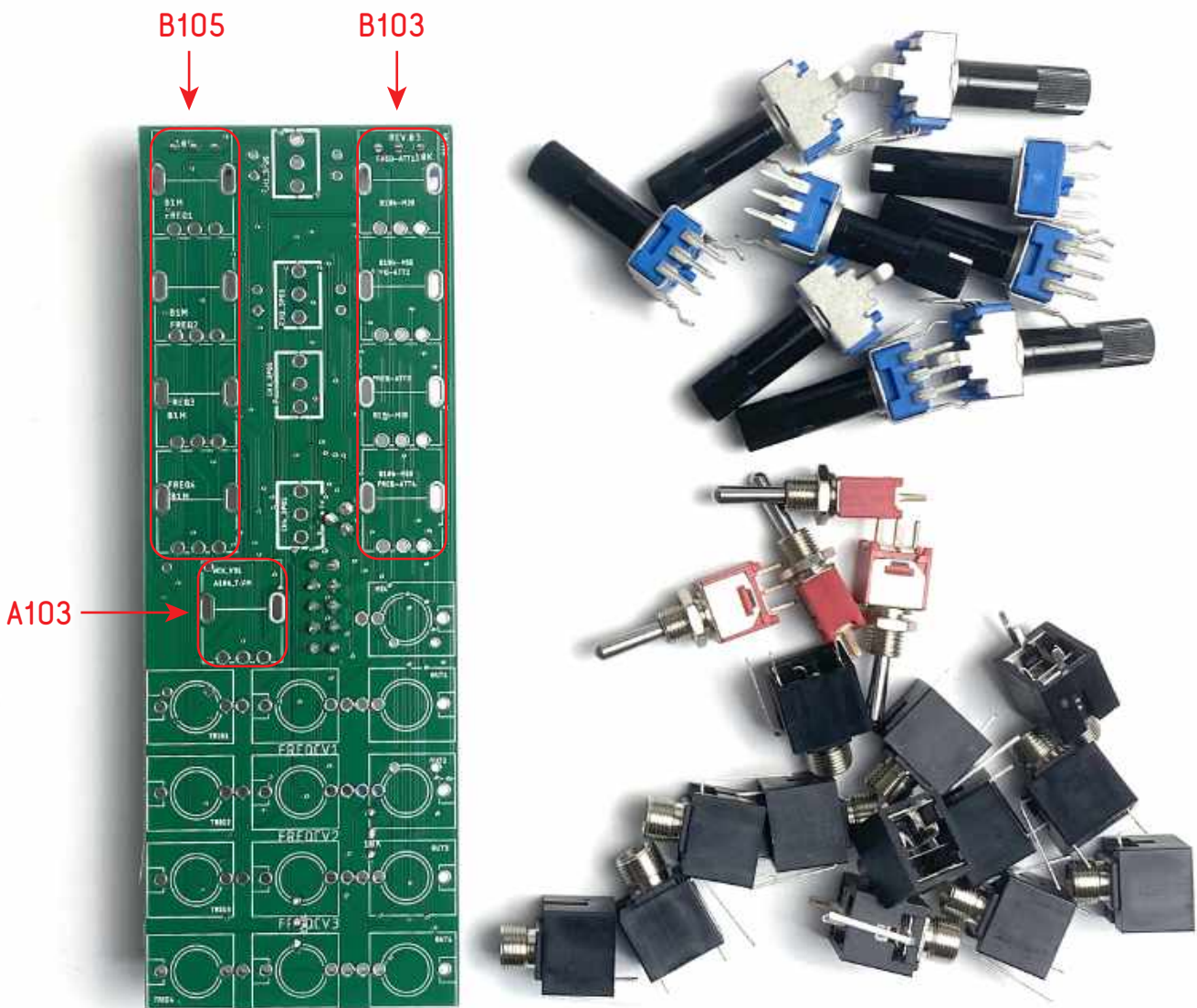
STEP 5:

Next locate all 9 plastic shaft trim pots and flatten out their legs with the help of some pliers, like shown below.



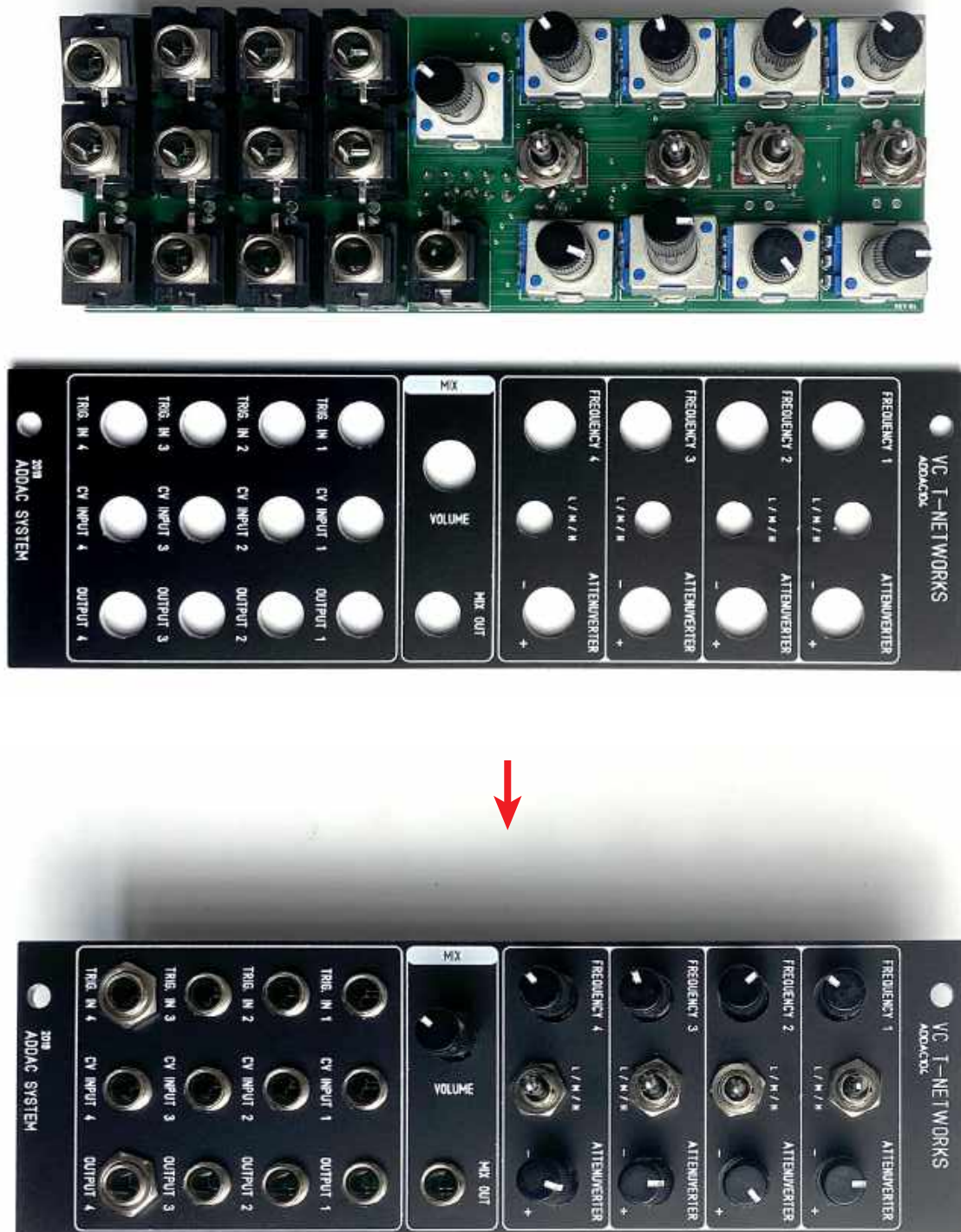
STEP 6:
Next place all parts in the pcb.

Notice that there are 3 different pot values, place them as shown below.



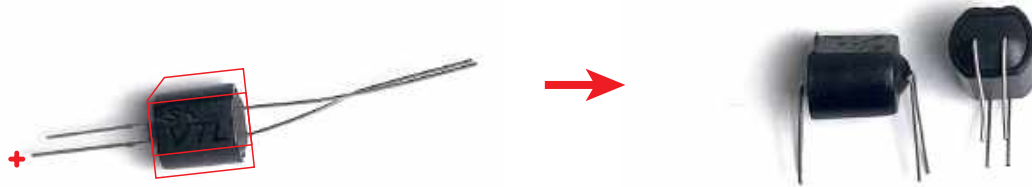
STEP 7:

After all parts are in place, fit the frontpanel in and tighten all the nuts. Proceed by soldering all pads in the back.



STEP 8:

Next proceed to prepare the vactrols, bend all legs down (logo facing up) and cut them approx. 12mm like shown below.



STEP 9:

Start by getting the vactrol in place than **solder each leg flush to the pcb**, do not insert the vactrol legs all the way down as this may cause shorts on front side of the pcb. **Solder them as flush as possible and in the orientation shown below.**





Place and tighten all remaining nuts and you're done!
Proceed to the calibration method.



Calibration

This process will calibrate the each channel frequency range.

PROCEDURE

Start by voice 1:

1. Patch the Output 1 to your preferred output
2. Patch a Trigger/Gate to Input 1
3. Set "FREQUENCY 1" knob to Maximum value
4. Set "L/M/H" switch to Middle position
5. Set same channel "ATTENUVERTER" knob to 12 o'clock
6. At this point you should be hearing the voice's sound
7. Adjust the trimmer counter-clockwise until the frequency stops going up.

Repeat the procedure for the remaining voices.

TRIMMER LOCATIONS



For feedback, comments or problems please contact us at:
addac@addacsystem.com