

LCD Replacement MOD REV1.0

Quick Guide

ATTENTION ! Installing the LCD replacement is on your own risk! Your LYNX-II could be damaged, if you are not able to do this modification!

Liability impossible!

Required materials:

LYNX-kit, VGA connector with screws, 18 cables round about 20 cm (8 inches) length (IDE cable)

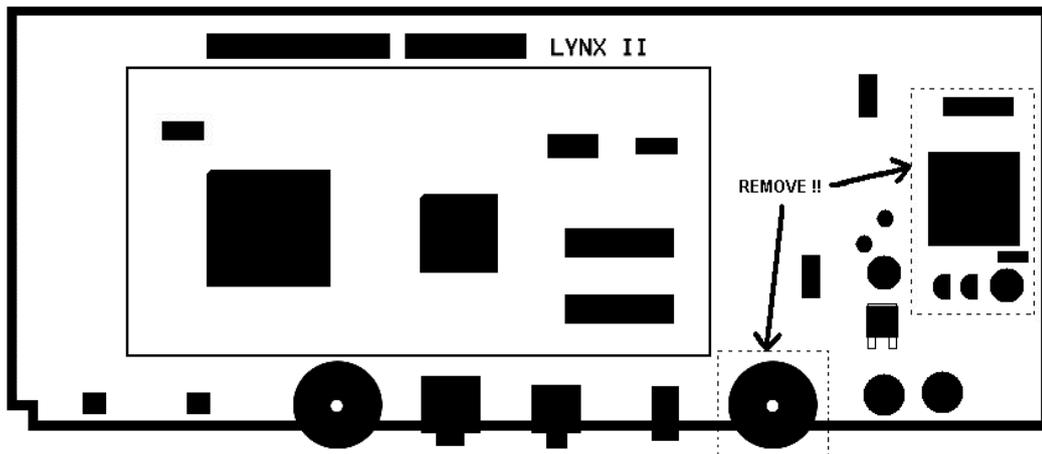
1. Step: Remove not needed Parts



ATTENTION ! Make sure that all power is **off**. Disconnect ALL cables.

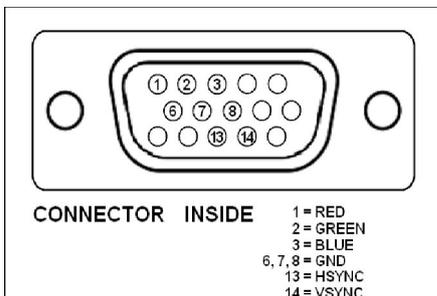
1. Remove VR1 trim potentiometer
2. Remove L17 coil
3. Remove Q13 and Q14 transistors
4. Remove C55 and C56 capacitors
5. Remove T1 power module

(see picture below)

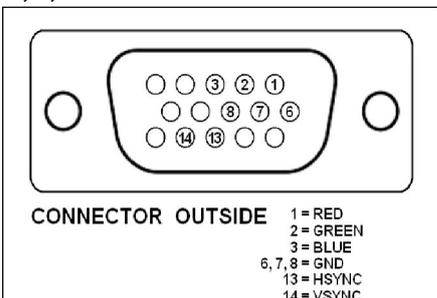


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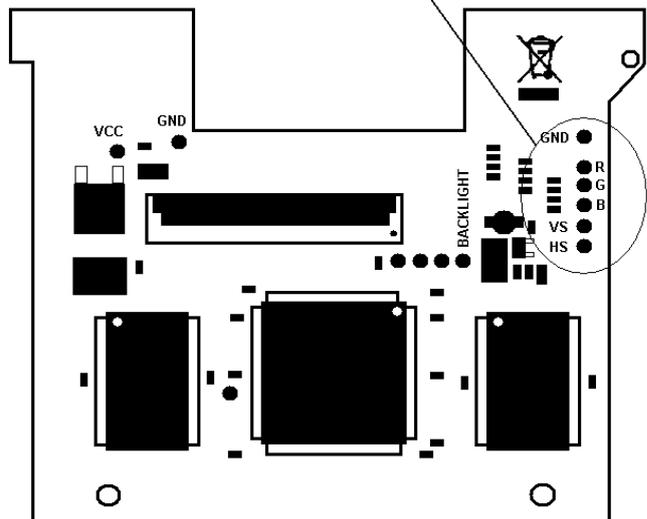
2. Step: VGA connector



Solder 8 cables to the pins 1, 2, 3, 6, 7, 8, 13 and 14 to the VGA connector.



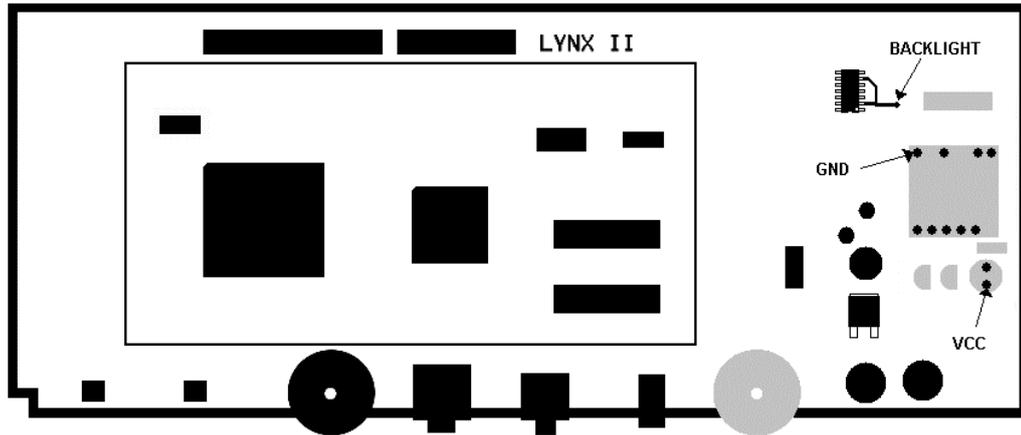
After that you solder the other side of the cables to the LYNX-II board.



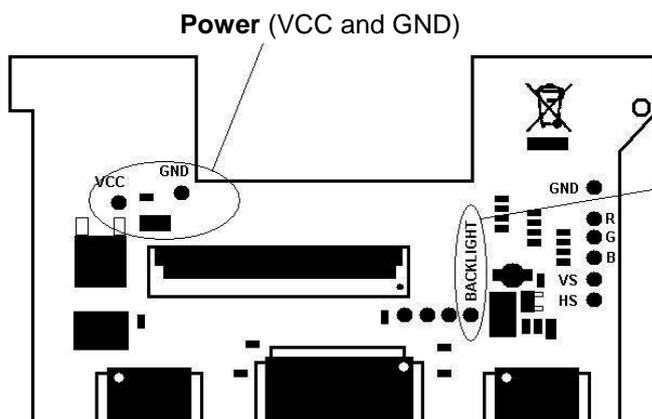
!! Use hot glue for the internal screws of VGA connector. Otherwise the screws may cause short circuit !!

3. Step: Power and backlight button

Now solder one cable to **VCC** (+5 Volt) and one cable to **GND** (Ground).



The cable of the **backlight** has to be soldered to **U11** (74HC74A) on **pin 2**.

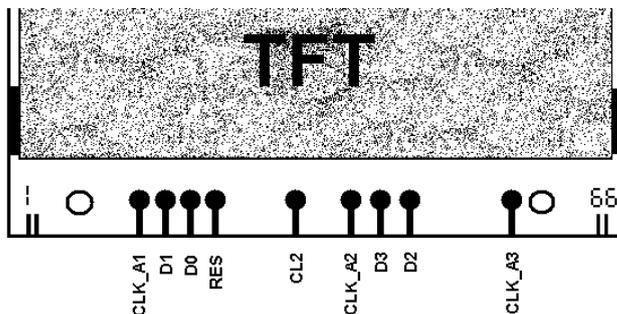


Backlight button - pin number 4 on the right

!!! ATTENTION !!!

Don't damage the flexcable (FPC) of the LCD !
You may disconnect the FPC, but don't forget connecting it correct after soldering **GND**.

4. Step: Soldering data lines



Last step is to solder the last 9 cables. On the left you can see the **LYNX-II mod** and on the picture below you can see the **LYNX**. First solder all 9 cables to the **LYNX-II mod**. After that solder the other side of the cables to the LYNX console.

!!! At last check all connections again !!!

If you made everything correct, you'll love it!

