

# Maycom AH27 Hand Held CB Radio - 200 Channel Mod



(You do this mod at your own risk. If you are not comfortable with doing it, DON'T)  
(Seek guidance from a professional if not sure)  
(By continuing to read these instructions, you accept the risk)



## Equipment required:

- Soldering iron (preferably 25W or less)
  - Solder (preferably not lead free)
    - Solder sucker
    - Screwdrivers

(By doing this mod, you will lose the UK40 in the radio)

### Step 1

Remove the antenna and battery pack.

### Step 2

Remove the 3 rear screws and the front screw (by where the strap goes).

### Step 3

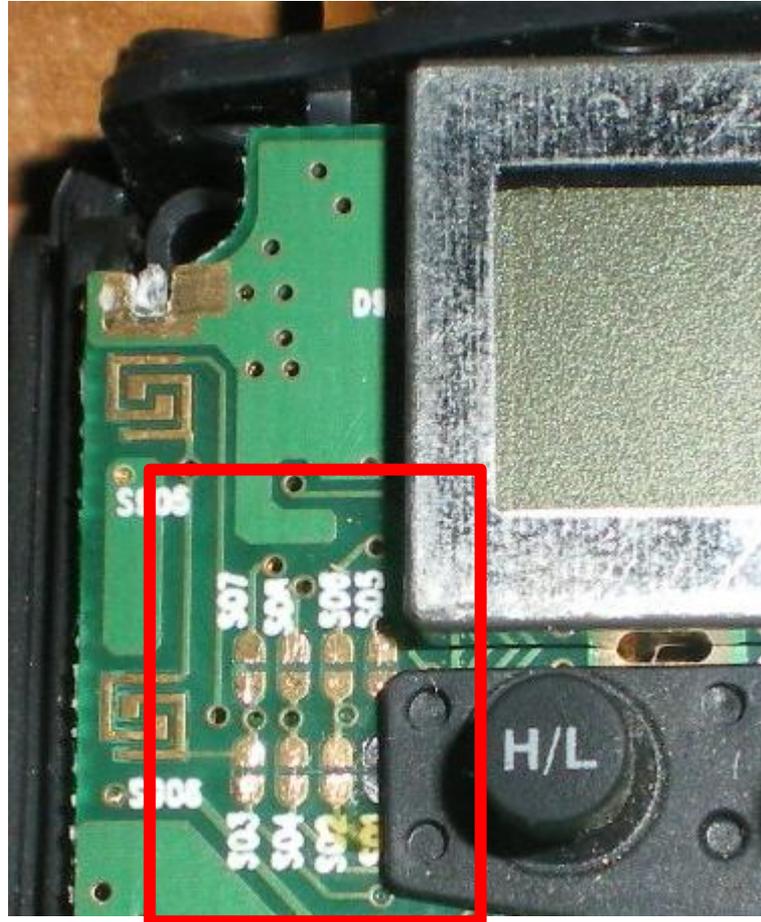
Remove the rear panel (be careful as the battery release clip has a spring in there. If that's lost, it won't secure the battery pack on properly). Also be careful of the small black board that has the battery terminals on (when piecing the radio back together, make sure it's properly in place or you won't be able to slide the battery pack on).

### Step 4

Remove the front panel (be careful as the rubber buttons will come out very easily).

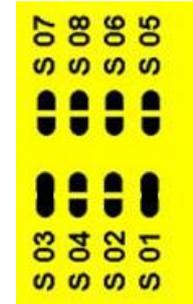
## Step 5

Look for the 8 small solder pads just to the left of the screen (highlighted with a red square).



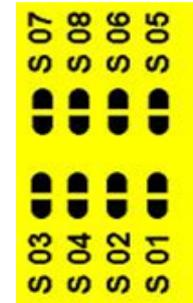
## Step 6

For the radio to have the 40 UK and 40 EU channels, pads S01 and S03 will have solder across them (as shown in picture 1).



1

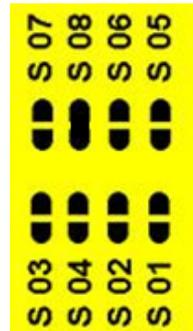
De-solder these and use a solder sucker to remove the molten solder from the pads (so it looks like picture 2 once done).



2

## Step 7

Solder across the pads on S08 only (as shown in picture 3).



3

## Step 8

Piece the radio back together again and replace all screws (make sure the battery release clip and battery terminal board is properly in place).

## Step 9

Put the battery pack and antenna back on the radio and proceed to power it up.

The display should then change slightly (having A,B,C,D & E down the right hand side).



To navigate through the bands, just scroll through the channels as normal using the 2 buttons by the PTT button. So for example, as soon as you get to CH40 on band A, just click the channel up button once as if you wanted to get back to CH1 and it will start you off on CH1 on band B (and so on).

Here's the frequency list  
for after the mod has  
been done.

Sorry for the small text.  
You may need to use the  
magnifier tool to zoom in

Ch.	A	B	C	D	E
01	26.065	26.515	26.965	27.415	27.865
02	26.075	26.525	26.975	27.425	27.875
03	26.085	26.535	26.985	27.435	27.885
04	26.105	26.555	27.005	27.455	27.905
05	26.115	26.565	27.015	27.465	27.915
06	26.125	26.575	27.025	27.475	27.925
07	26.135	26.585	27.035	27.485	27.935
08	26.155	26.605	27.055	27.505	27.955
09	26.165	26.615	27.065	27.515	27.965
10	26.175	26.625	27.075	27.525	27.975
11	26.185	26.635	27.085	27.535	27.985
12	26.205	26.655	27.105	27.555	28.005
13	26.215	26.665	27.115	27.565	28.015
14	26.225	26.675	27.125	27.575	28.025
15	26.235	26.685	27.135	27.585	28.035
16	26.255	26.705	27.155	27.605	28.055
17	26.265	26.715	27.165	27.615	28.065
18	26.275	26.725	27.175	27.625	28.075
19	26.285	26.735	27.185	27.635	28.085
20	26.305	26.755	27.205	27.655	28.105
21	26.315	26.765	27.215	27.665	28.115
22	26.325	26.775	27.225	27.675	28.125
23	26.355	26.805	27.255	27.705	28.155
24	26.335	26.785	27.235	27.685	28.135
25	26.345	26.795	27.245	27.695	28.145
26	26.365	26.815	27.265	27.715	28.165
27	26.375	26.825	27.275	27.725	28.175
28	26.385	26.835	27.285	27.735	28.185
29	26.395	26.845	27.295	27.745	28.195
30	26.405	26.855	27.305	27.755	28.205
31	26.415	26.865	27.315	27.765	28.215
32	26.425	26.875	27.325	27.775	28.225
33	26.435	26.885	27.335	27.785	28.235
34	26.445	26.895	27.345	27.795	28.245
35	26.455	26.905	27.355	27.805	28.255
36	26.465	26.915	27.365	27.815	28.265
37	26.475	26.925	27.375	27.825	28.275
38	26.485	26.935	27.385	27.835	28.285
39	26.495	26.945	27.395	27.845	28.295
40	26.505	26.955	27.405	27.855	28.305