

# Mic

manual V2.1

## Backboard

R1	1K	(Brown, black, red)
R2	1M	(Brown, black, green)
C1,C2,C4	100nF	(104)
C3	330nF	(blue)
C5, C5	47uF	(mind direction)
78L05		mind direction

## Frontboard

C1,C2	100nF	(104)
C3	0.22uF	(thin high WIMA)
C4	820pF	(fat low WIMA)
R3	100K	(brown, black, yellow)
R1, R5	10K	(brown, black, orange)
R2, R4	100K	(Brown, black, yellow)

## SMD parts (already on the board)

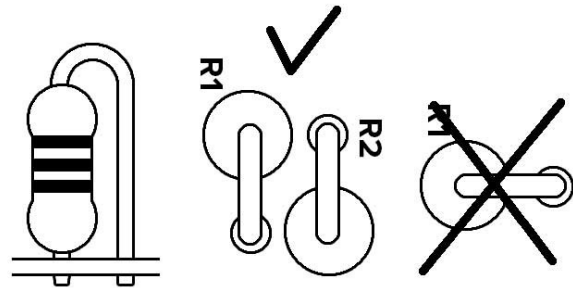
IC=TL072 and R5=1M

The power header should be soldered on the back of the back board. Mind the direction drawn on the PCB!

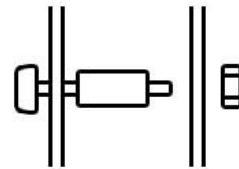
Take the two 4 pin headers (male and female), put them on top of each other and solder them on the front board and back board while they are connected.

Now it's time to place all the parts which are connected with the frontpanel. Before soldering anything place the potentiometer, switches and the two jacks on the PCB. Now place the frontpanel and (hand-)tighten the jacks with the nuts and check if it all fits well. Now solder them.

You are finished now and you can have fun with a little MIC in your modular!



All standing resistors have a vertical orientation



The two PCB's are connected with a 4 pin header and a spacer (drawing).