

DB4020

Enclosure

Assembly manual

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Updates and news at: www.qrphamradiokits.com



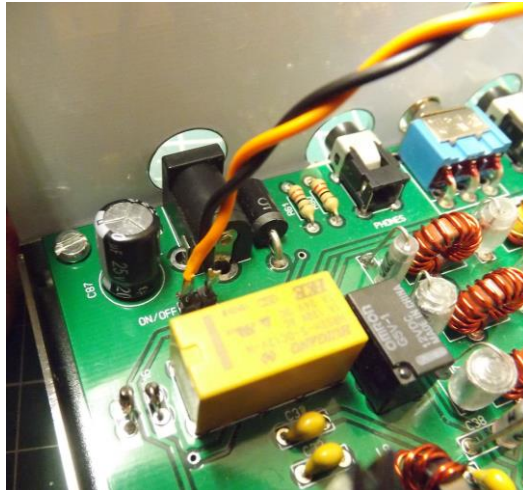
PARTS LIST

	Quantity	Part
	1	Galvanized iron base
	1	Painted aluminum lid
	1	Front panel
	1	Rear panel
	4	10mm.Hexagonal spacers
	8	M3 x 4mm screws
	8	TA29x5 self-tapping screws
	1	24-26mm Knob (D shaft type)
	2	15-16mm Knob
	2	M2.5 x 8mm black screws
	4	M2.5 nuts
	1	Microphone socket
	1	Microphone connector
	1	10K mini potentiometer w/switch
	1	pins strip female
	2	pre-assembled cable 5 poles
	1	5-pin female connector (to assemble)
	3	50 cm colored cables
	4	adhesive rubber feet



ASSEMBLY FOR DB4020

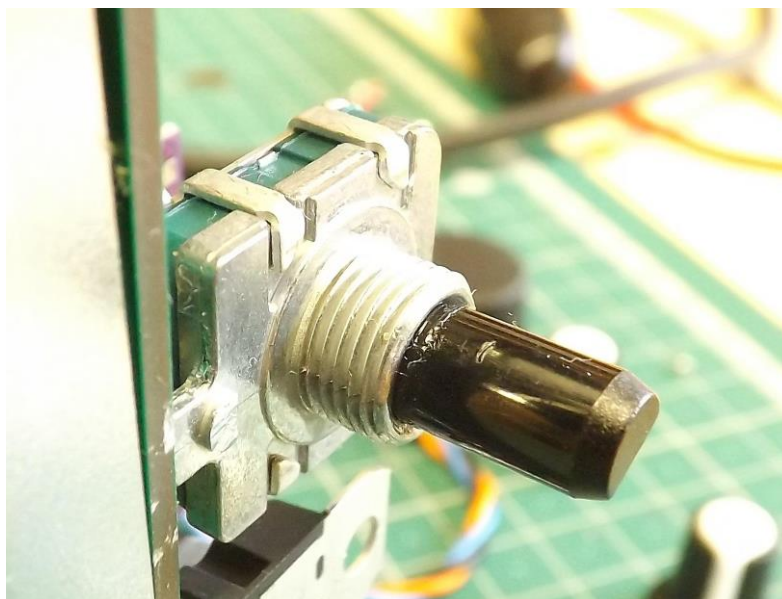
Installing the DB4020 in the box is pretty straightforward. However, there is some detail that needs to be paid close attention. Take your time. Please, work carefully. *Have a good time!*

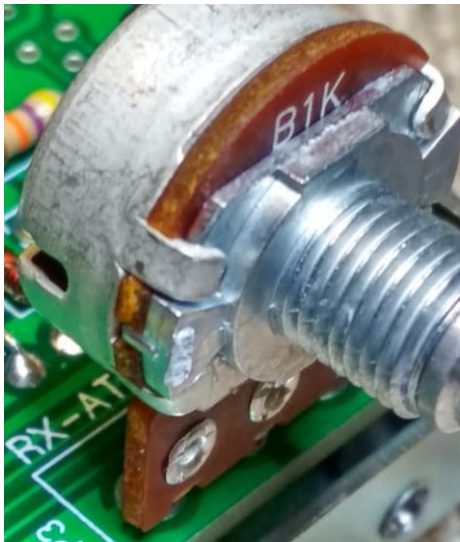


Wire the ON/OFF switch to J1 jumper

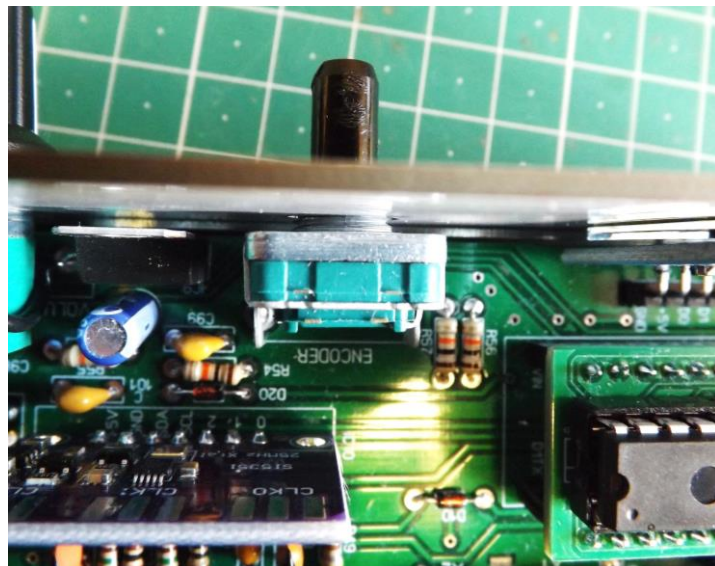
➔ Potentiometer and Encoder.

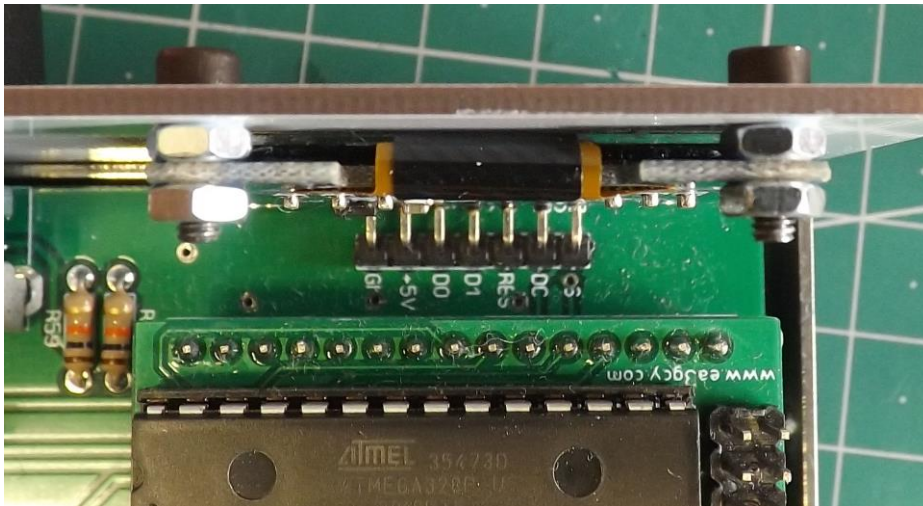
- Secure the potentiometers with their nuts (with washers). You don't need to squeeze a lot.
- Cut the bulge under the encoder.
- Cut the bulge of the potentiometers (if they have one)





Do not screw the Encoder. This is sufficiently attached to the DB4020 PCB.



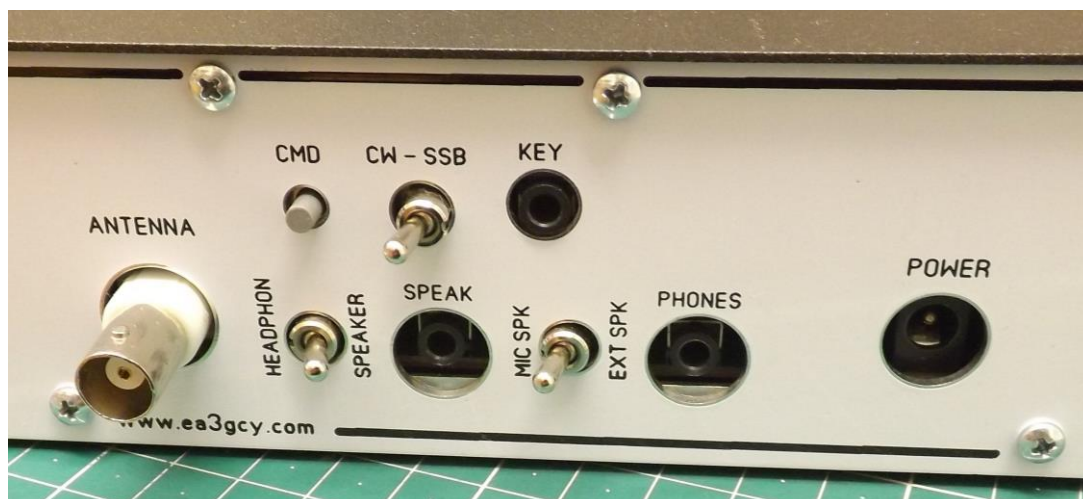


VERY IMPORTANT: cut the connection terminals flush. ¡Avoid touching the front panel!



➡ Rear panel.

Very little has to be said about the rear panel.



- On DB4020 if you use the “CW Interface”, you must hold the PCB with the push-button “CMD”, the “CW/ SSB” switch and the socket “KEY” for the paddle jack .
- On the EGV+ you must hold the PCB with the push-button “CMD” and the socket “KEY” for the paddle jack (here the SSB / CW switch is not used) .

➔ Microphone socket wiring.

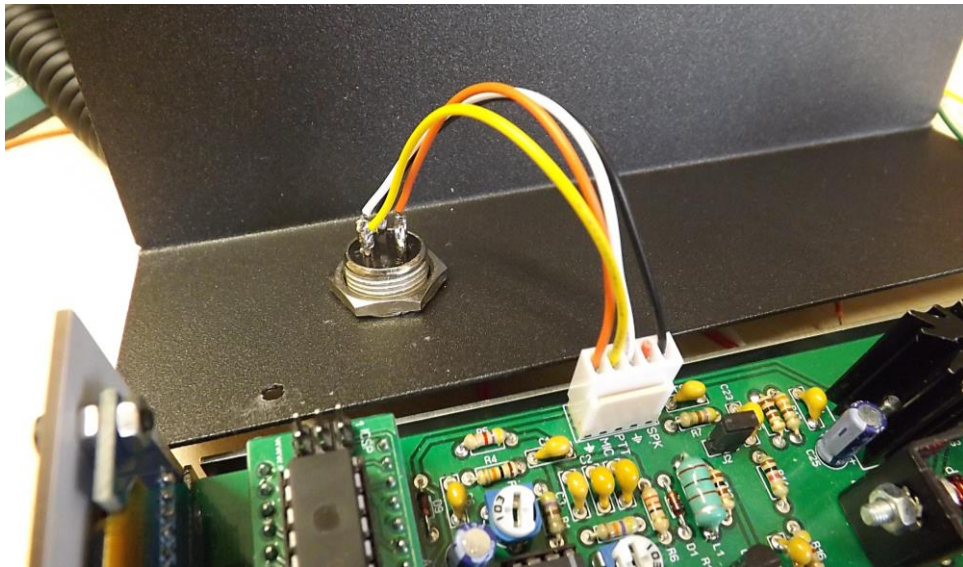
You must adapt the connector for your microphone.

You can use any combination of cables. There is no standardized wiring planned.

The connector has 5 ways. You can use a microphone with a built-in speaker. It has a spare way for other uses.

IMPORTANT: Always use a suitable micro electret. Everything about this is explained in the [DB4020 assembly manual](#).





➔ “CW Interface” wiring.

- Attach the exterior control board to the rear panel with the plastic angles.
- Wire the CW Interface module to the control board.
- The exterior control board also has a wire that goes to the + of the power supply.

(For more technical details, see the “CW Interface” assembly manual).

