

Ham 46H – ASL Radio: Mic Issues

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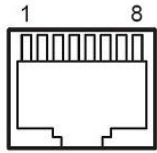
1. Microphones are driven by 8V for Icom and Yaesu and 5V for Alinco, TYT and Anytone. Getting an acceptable mic to work has been a challenge. SO far we have tried 6 different configurations. One part works but not the other.

2. Anytone 578

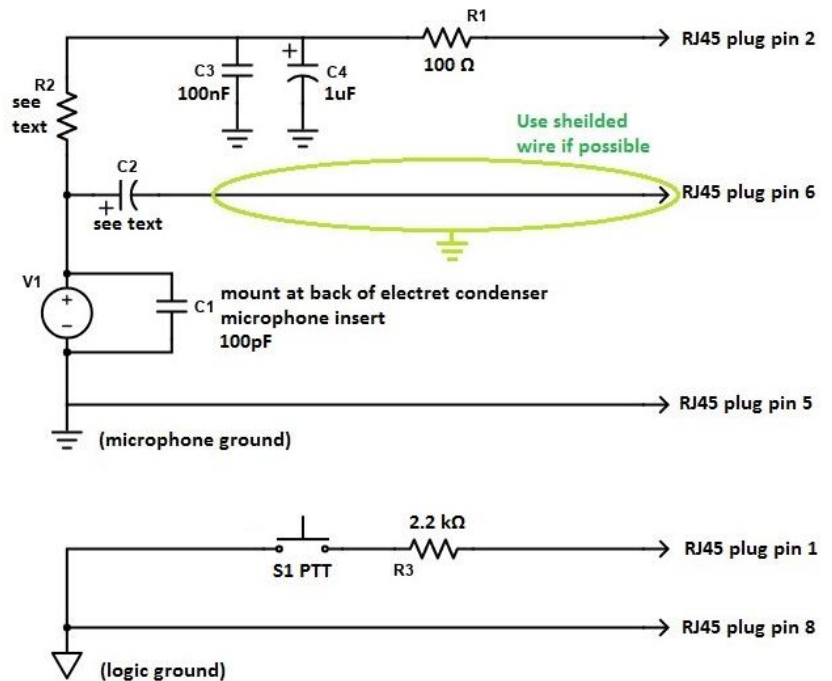
a. <http://theweeks.org/tmp/FILES/Anytone-Mods/578mods.htm#Microphone>

b.

Microphone socket as seen on front panel of 578:



- 1 : URX
- 2 : 5V
- 3 : UTX
- 4 : SP+
- 5 : MIC GND
- 6 : MIC
- 7 : SP-
- 8 : GND



AnyTone 578 base microphone using electret

3. TYT TH-9800 vs Yaesu mic

a. Caution. The TYT numbering is reversed from Telco, Icom, and western numbering.

b. <https://afterthenet.net/wp-content/uploads/2016/05/Yaesu-MH-48-microphone-with-the-TYT-TH-9800.pdf>

c. TYT pinout using western numbering.

1:PTT, 2:mic, 3:ground, braid, 4: +5V

4. Setting RL-20

a. <http://www.masterscommunications.com/products/radio-adapter/rl/pdf/RF-Less-Node.pdf>

5. QYT 8900

WIFI

I put a screen on the Pi while AllStarLink is loading.

It builds a WPA_supplicant during loading.

When start, go to sudo raspi-config.

On first screen open #1 System

Then open S1 to setup wifi.

	Alinco	orig	knockof
1	yellow	Mic	green
2	orange	PTT	blue
3	white		Gray
4	green		White
5	red	5V	Red
6	Purple sp		Brown
7	Blk/shield	Mic E	Yellow
8	grey	Gnd	black

