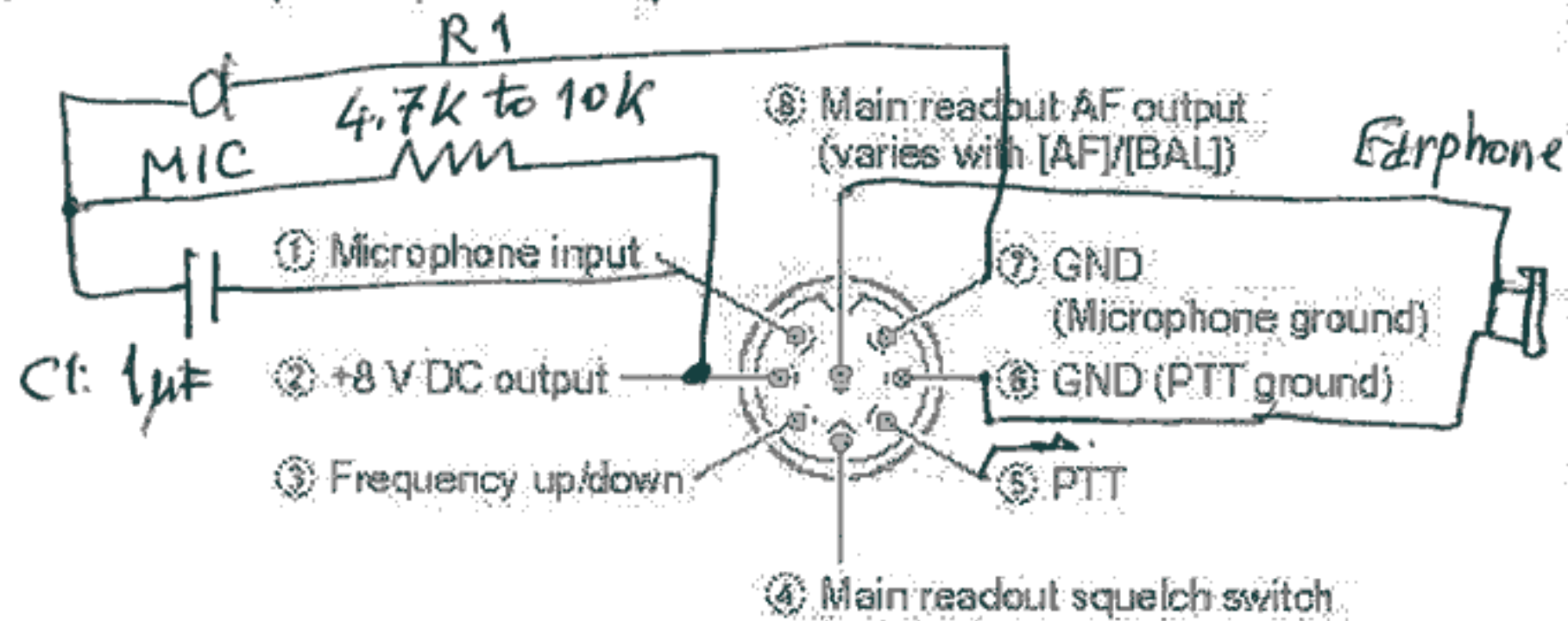


# • MICROPHONE CONNECTOR

(Front panel view)



| [MIC] PIN NO. | FUNCTION       | DESCRIP        |
|---------------|----------------|----------------|
| ②             | +8 V DC output | Max. 10 mA     |
| ③             | Frequency up   | Ground         |
|               | Frequency down | Ground through |
| ④             | Squelch open   | "LOW" level    |
|               | Squelch closed | "HIGH" level   |

**CAUTION:** DO NOT short pin 2 to ground can damage the internal 8 V regulator.

R1, C1 required if feeding electret mic from +8V

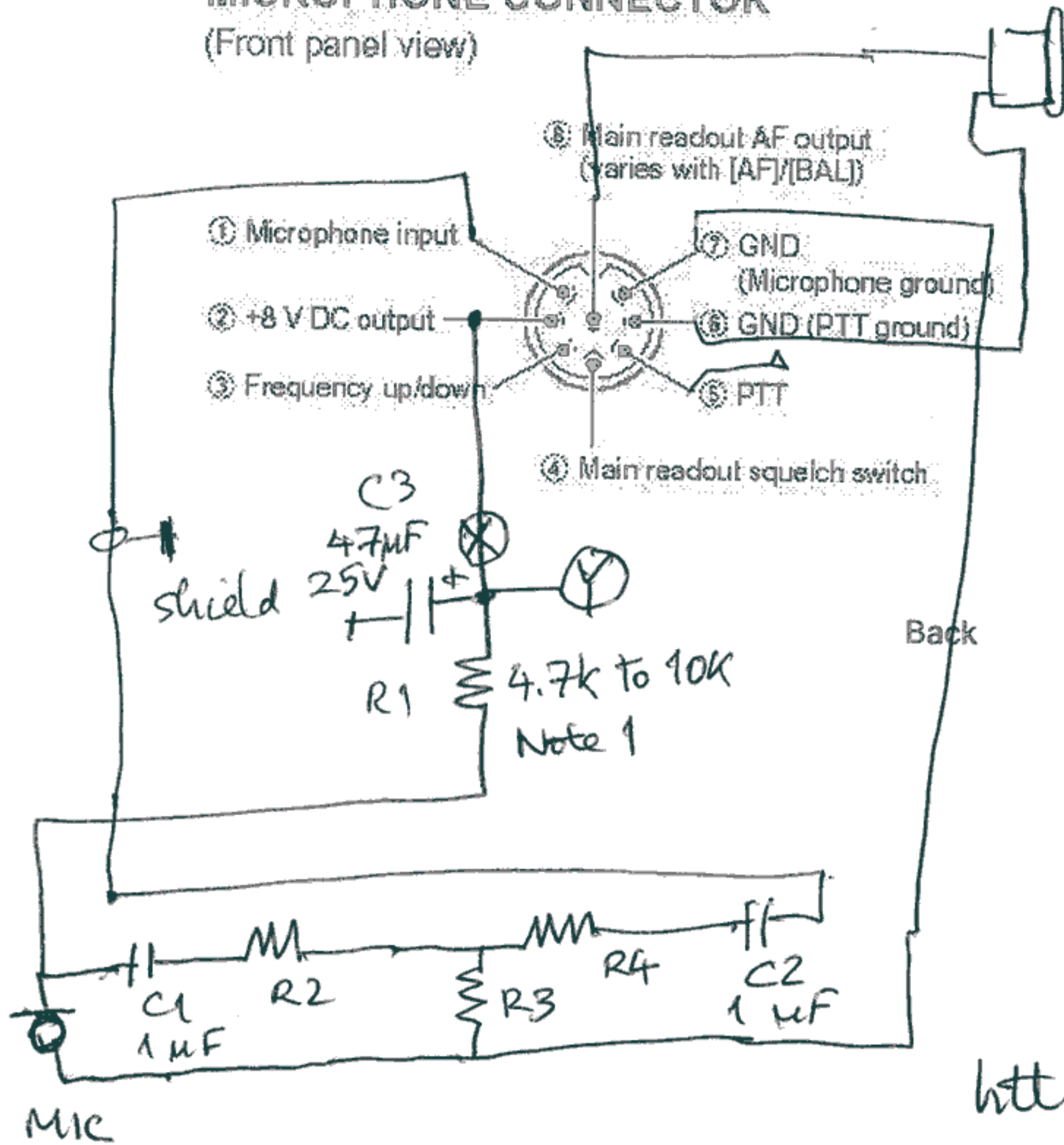
C1 required if mic element is dynamic

Electret can also be fed from Pin 1; then, R1, C1 not needed.

Back

# MICROPHONE CONNECTOR

(Front panel view)



| [MIC] PIN NO. | FUNCTION       | DESCRIP        |
|---------------|----------------|----------------|
| ②             | +8 V DC output | Max. 10 mA     |
| ③             | Frequency up   | Ground         |
|               | Frequency down | Ground through |
| ④             | Squelch open   | "LOW" level    |
|               | Squelch closed | "HIGH" level   |

**CAUTION:** DO NOT short pin 2 to ground can damage the internal 8 V regulator.

Pad: 20 dB: ( $Z_0 = 600 \Omega$ )

$R_2 = R_4 = 500 \Omega$

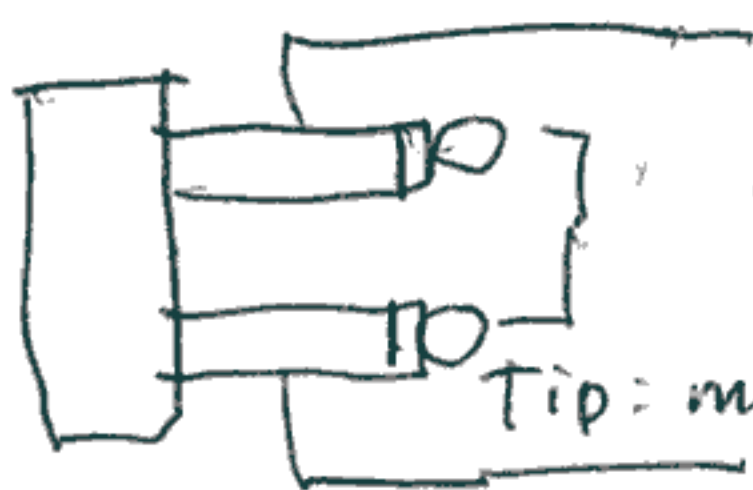
$R_3 = 120 \Omega$

10 dB:  $R_2 = R_4 = 300 \Omega$   
 $R_3 = 390 \Omega$

[http://beradio.com/notebook/passive\\_attenuators](http://beradio.com/notebook/passive_attenuators)

Note 1: If higher voltage required, feed at (Y) and cut (X) (do not connect to Pin 2 of mic socket)

Fig 2 Plantronics Headset Connection



Sleeve: earphone

Tip: mic (non-polarity-sensitive)

Plug pinout:

A. Farson

VA70J/AB40J

31 July 2005