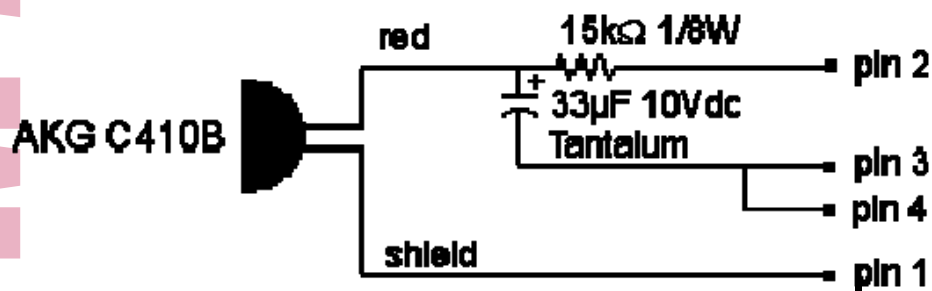


# AKG microphone wiring for Shure bodypacks



C401	C409	C417/B
C401/B	C409/B	C418
C402	C410/B	C418/B
C402/B	CK410	C419
C406	C411	C419/B
C406/B	C411/B	C420
C407/B	C416	C420/B
C408	C416/B	
C408/B	C417	

The above AKG microphone models can be connected to any Shure bodypack transmitter with a Switchcraft TA4M input connector (shown below.) These are **positive** bias models.



The resistor and capacitor should fit inside of the TA4F  
The jumper is required between Pin 3 and Pin 4 to set the correct input impedance (20kΩ)

Parts as follows:

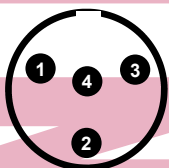
Capacitor: Stock # 9708286, Type CB1A336M2HCB (Farnell)

Resistor: Stock # 223-2417, Type CRG1206 SMT (RS)

**Note:** There are two negative bias AKG models (C407 and C410) which require a different wiring scheme.

## Connector

The mating connector for the Shure wireless transmitters is a Switchcraft TA4F.



TA4M  
Transmitter View

PIN 1 = cable shield/ audio return/ bias return

PIN 2 = +5V DC Bias

PIN 3 = audio input for dynamic mics or instruments

PIN 4 = 20kΩ resistor to ground jumpered to pin 3 for condenser mics