



This circuit supports KCWirefree Audio Gateway firmware rev 6.5.2 and later

#### Modifications by N5IB (12 Dec 2014)

1. Added connection to PI02 for PTT function supported in new firmware
2. Used ring connection of J2 for PTT line
3. Added Q1, 2N3904 transistor, and R8 as open collector PTT switch
4. Added R9 and D4, LED, as PTT indicator
5. ~~Added power ON/OFF switch, S4~~
6. Changed D3 from shunt to series polarity protection configuration
7. Added R10 as optional dropping resistor for supply voltages above 7 V
8. Changed C8 to 1uF

#### NOTES

1. FT-857 volume at 100%=2Vrms; 50%=1Vrms (0dBu)
2. U1 audio input: 0.4Vrms maximum, use 4:1 voltage divider

KG4JJH

#### Bluetooth Radio Adapter

orig. des: A.Baker, KG4JJH	Rev 2.0	Page 1 of 2
mods: J Giammanco, N5IB	5/19/2015	



