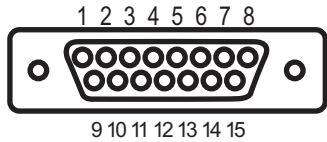


# XCOM Intercom DIY Wiring Diagram

DB 15 plug viewed from the BACK



**DB 15 Pinouts**

Pin 1	Pilot Microphone
Pin 2	Co Pilot Microphone
Pin 3	Music audio input
Pin 4	COM 1 Audio Input
Pin 5	AUX Audio Input
Pin 6	PTT Co Pilot
Pin 7	PTT Pilot
Pin 8	PTT COM 1 Output
Pin 9	Power In + 12 Volts
Pin 10	COM 1 Mike Out
Pin 11	Ground
Pin 12	PAX Mike In
Pin 13	PAX Headphones Out
Pin 14	Pilot Headphones Out
Pin 15	Co Pilot Headphones Out

NOTES: Don't cheat on your plane & Equipment. ONLY use TEFZEL Aircraft quality wire for all harnesses it may cost more than ordinary wire but the results are well worth the extra expence.

Power Pins 9 & 11	Pin No. 9 is the positive in, connect to a battery or to your positive wires in the aircraft, it MUST have a 500 ma fuse fitted. Pin No. 11 must be connected to a good ground, a lot of radio / intercom problems come back to a poor ground, ground to radio chassis also.
Radio Connection Pins 8, 10 & 4	Pin No. 8 is the COM 1 PTT out pin, this makes the radio transmit Pin No. 10 is COM 1 Mike out allows your voice to be broadcast via the intercom to the radio Pin No. 4 is the COM 1 audio input, this allows you to hear the radio broadcasts
Music IN Pin 3	Pin No. 3 is the music input which allows you to listen to radio, CD, MP3 or other devices
Aux IN Pin 5	Pin No. 5 is the Auxiliary IN, this can be used for a second COM, landing gear warnings, stall warnings etc... where you want to hear the sound through your headsets
Pin 12 & 13	Pins No. 12 and 13 are used in the 4 place intercom for wiring the position 3 and 4 headsets into the XCOM Intercom

