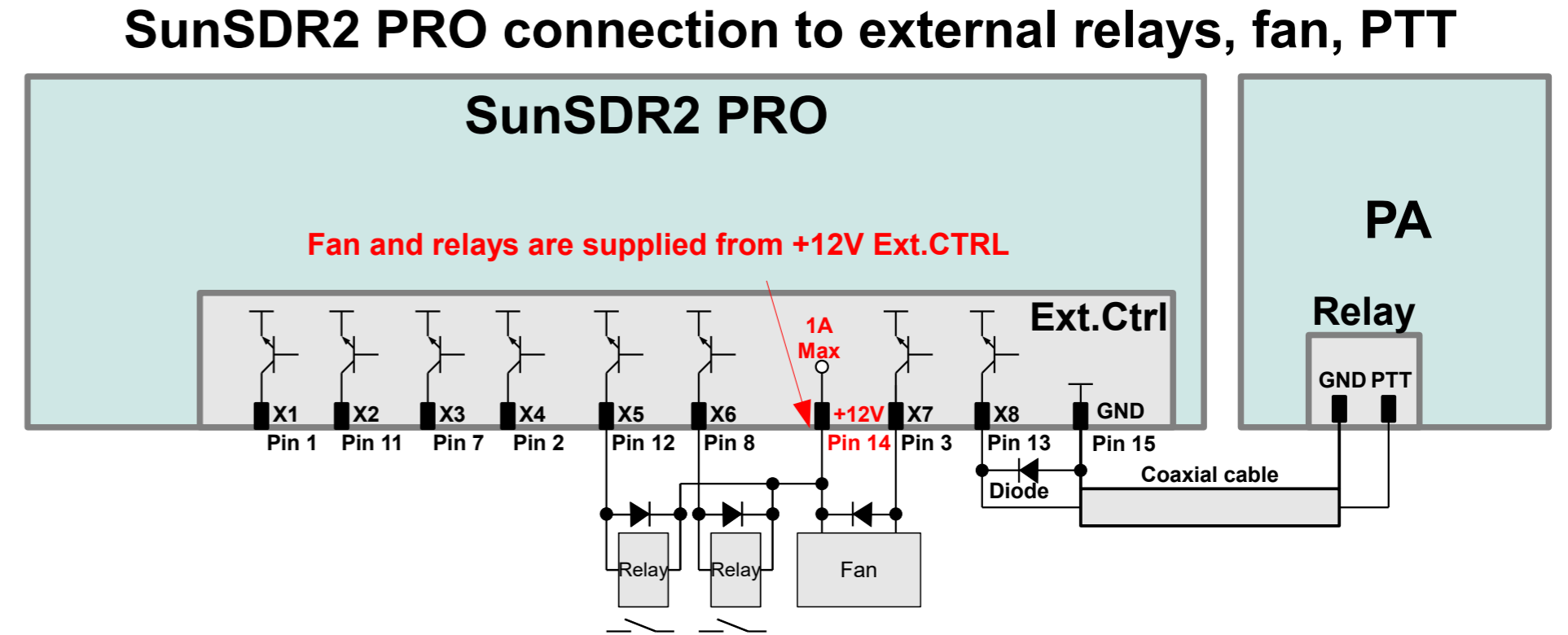
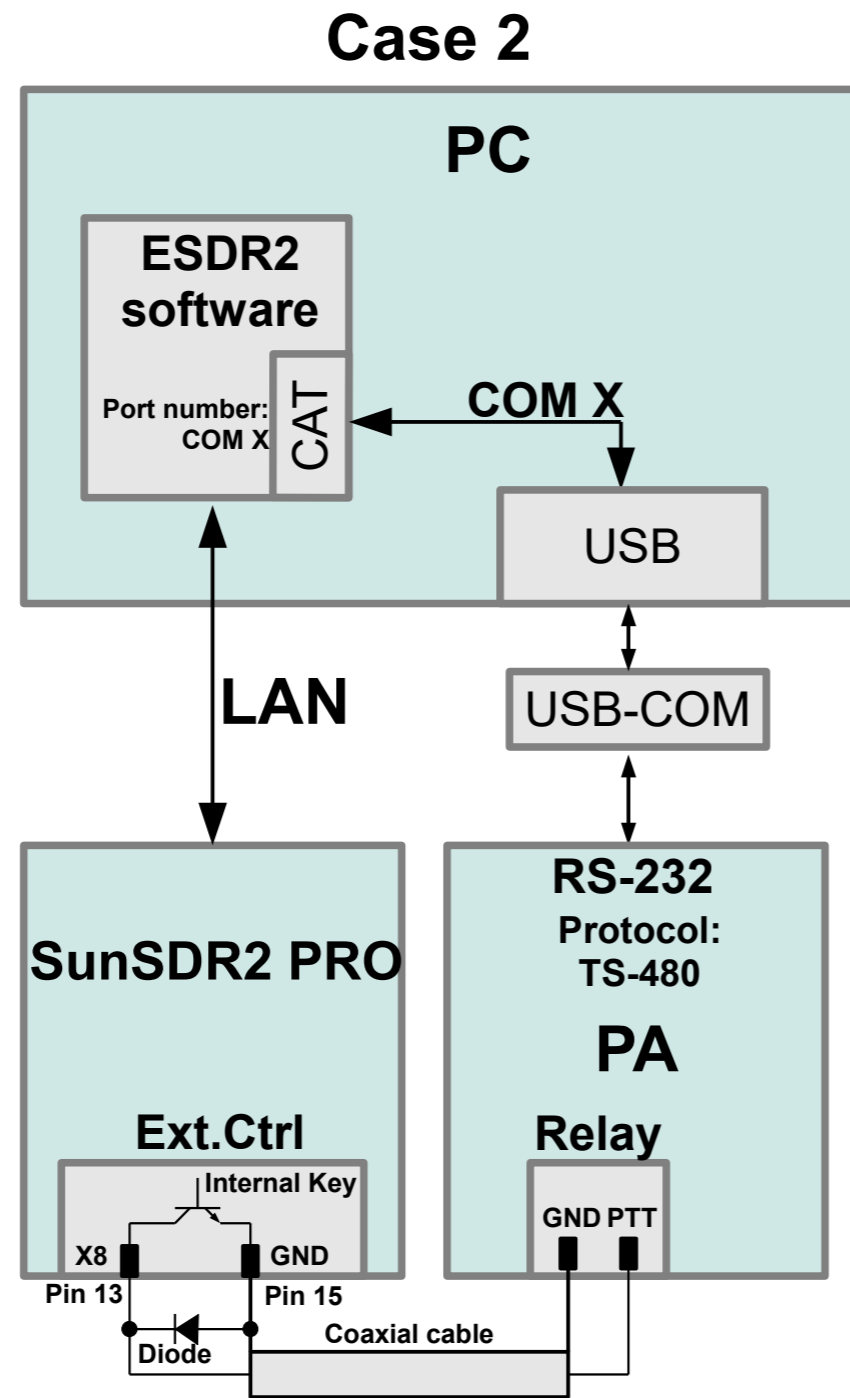
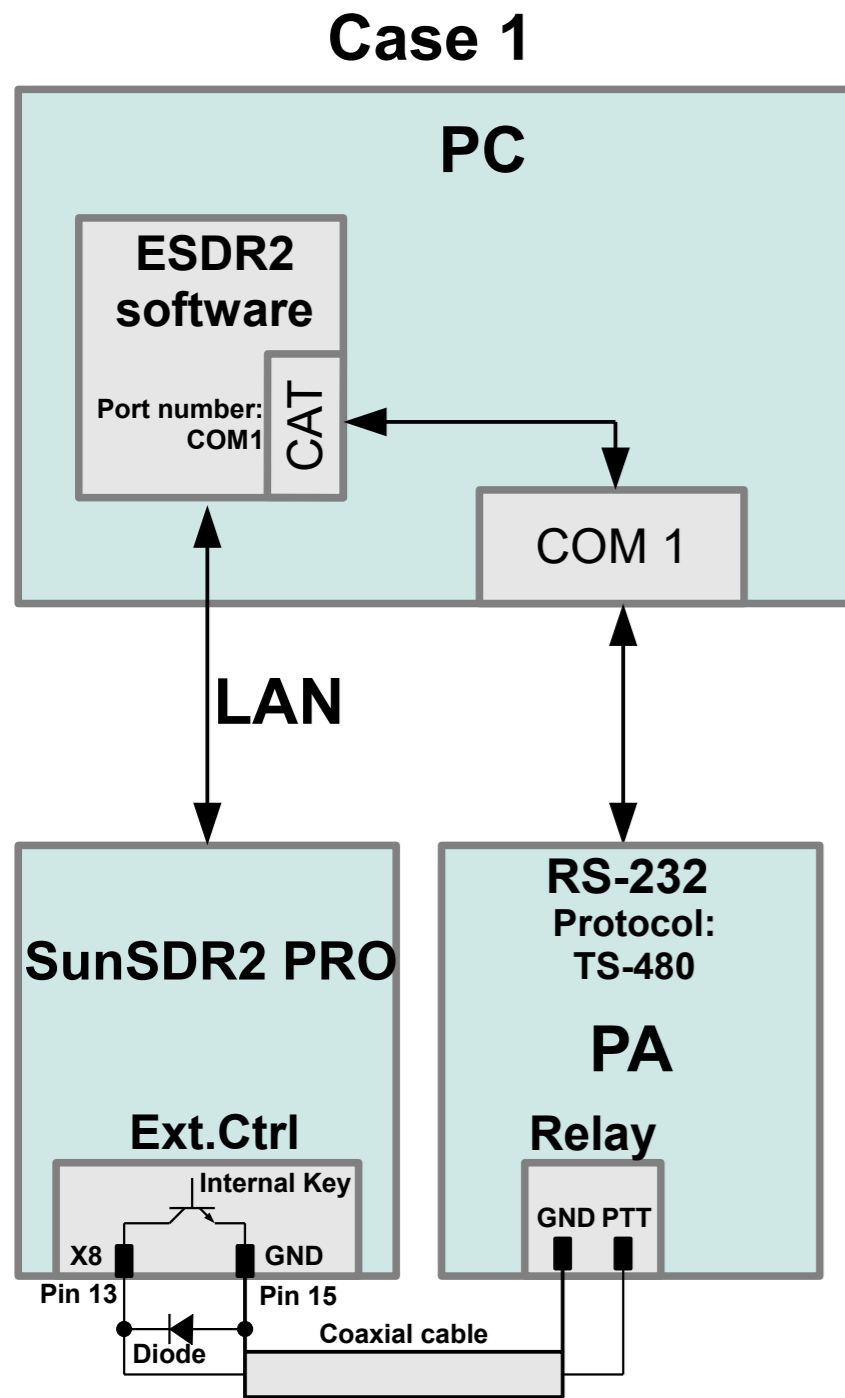


# Connection diagrams of the SunSDR2 PRO transceiver with a Power Amplifier



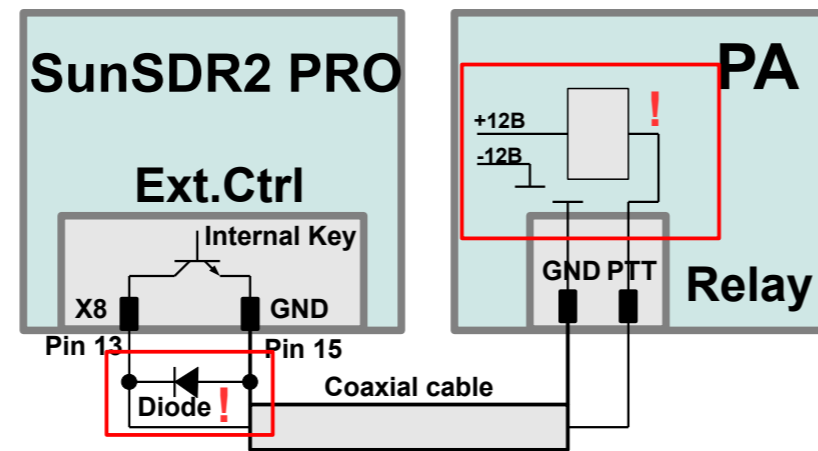
**Warning!**  
Changing power poles of an external power supply and incorrect connection can damage your transceiver.

## PTT control via EXT CTRL connector

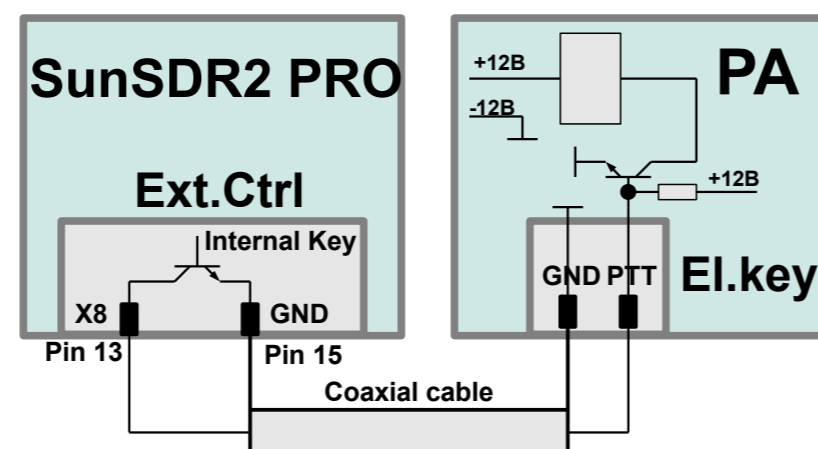
To be able to TX with PTT button, enable the PA button in the ExpertSDR2 software.

**Warning!**  
If you control PTT switching relays inside the PA by switching EXT CTRL relays, you have to use a protective diode.

Schematic diagram with a protective diode



Schematic diagram without a protective diode



If you control electronic switching scheme placed inside the PA, there is no need in a protection diode.