

APPLICATION NOTE 23

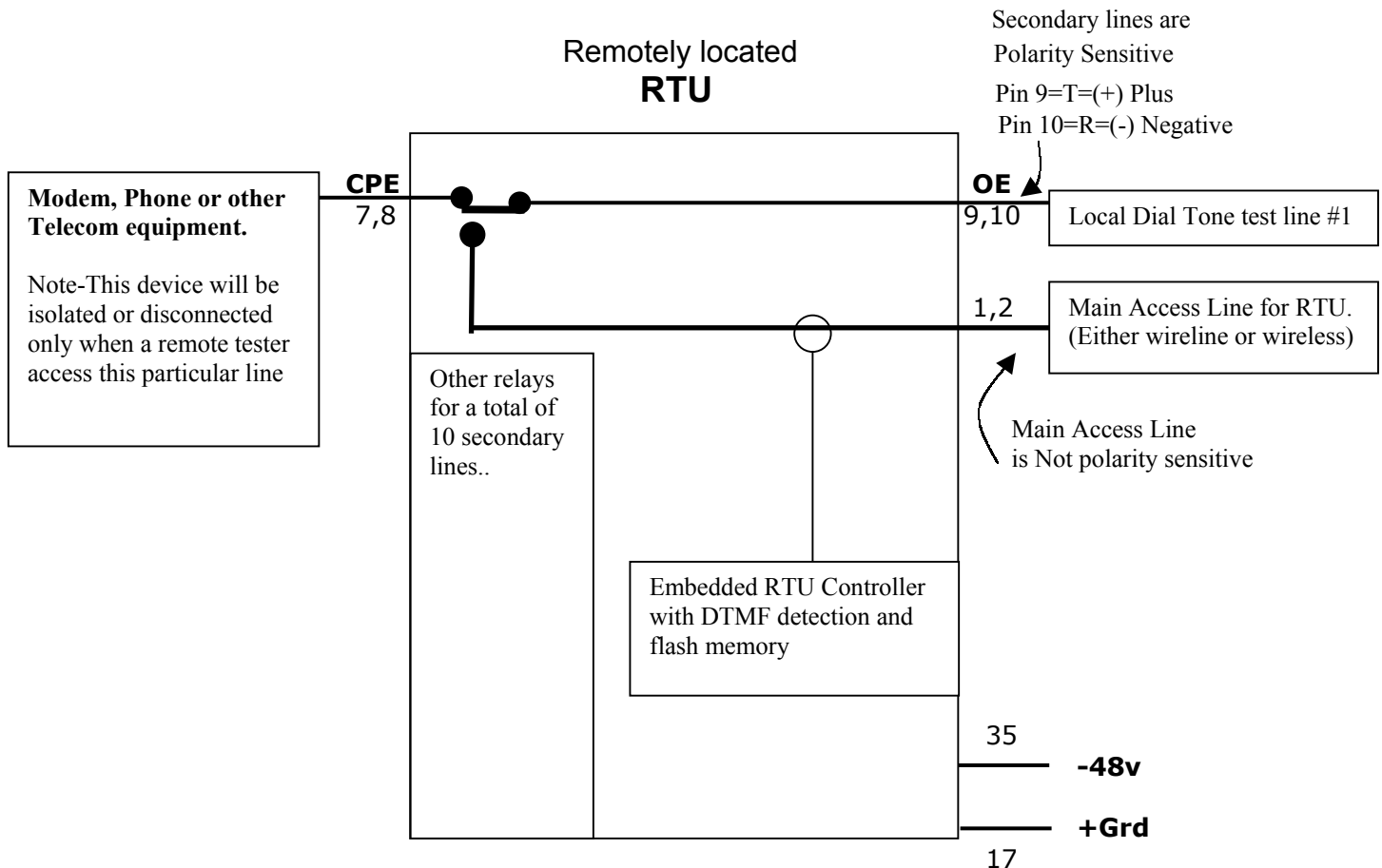
Wiring configurations for a RTU (with CPE)

Wiring up a Callnet Systems 761 RTU to a Nortel DMS-100 or other switch

There are a variety of ways that a 761 RTU maybe used and thus the following maybe somewhat limited. This application provides remote access to a local line while allowing the line to be used for other purposes when the RTU is not being accessed.

Remote Access for making test calls at a distant Central Office (WITH CPE).

Generally the RTU is used for remote access of physical Dial Tone Lines at a remote location. The translations engineer, NOC personnel, or other user will typically dial the Main Access line, Login, and then Access dial tone on 1 of the 10 secondary lines. In this application, a main access phone should be wired to pins 1 & 2, office battery to pins 17 & 35, and remote test lines wired to as many test lines that are needed. In this application the Modem, phone or other equipment attached to pins 7 & 8 will be isolated when the test line #1 is accessed. When the tester hangs up or releases Line #1, the modem or equipment will be re-attached to the local Dial Tone Line on pins 9 & 10.



See Application Note-24 for attaching multiple RTUs for more than 10 secondary lines.