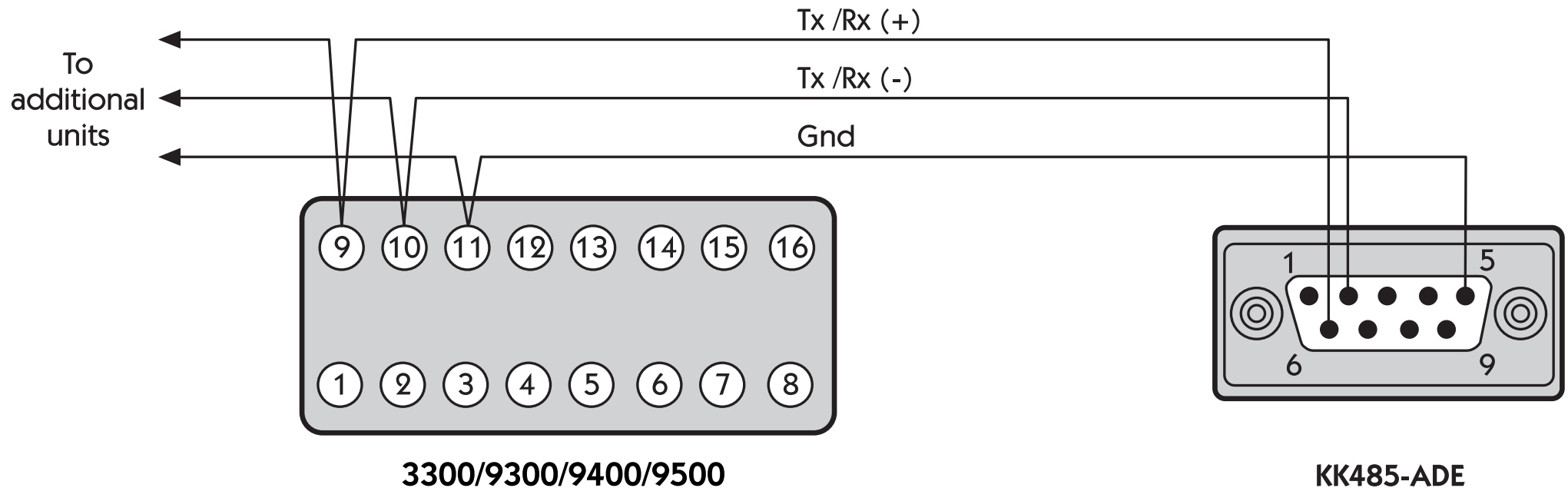


Connecting KK Systems K485-ADE to CAL 3300/9300/9400/9500



TERMINATION RESISTORS

It is not generally possible to derive sufficient power from a PC232 port to drive a 120Ω resistor with RS485 voltage levels. A capacitor e.g. 1000pf should be connected in series with any such terminator, to eliminate the DC loading which a resistor alone would produce.

NOTE:- The controlled slew rate driver used in this converter makes termination at either end of the bus unnecessary for cables shorter than approximately 300m, this assumes the use of Belden 9841 cable.

BIAS RESISTORS

There are 2 $100k\Omega$ bias resistors fitted internally to the converter, so generally this should be sufficient. If you experience communication errors once the system is installed contact CAL Controls for advice.