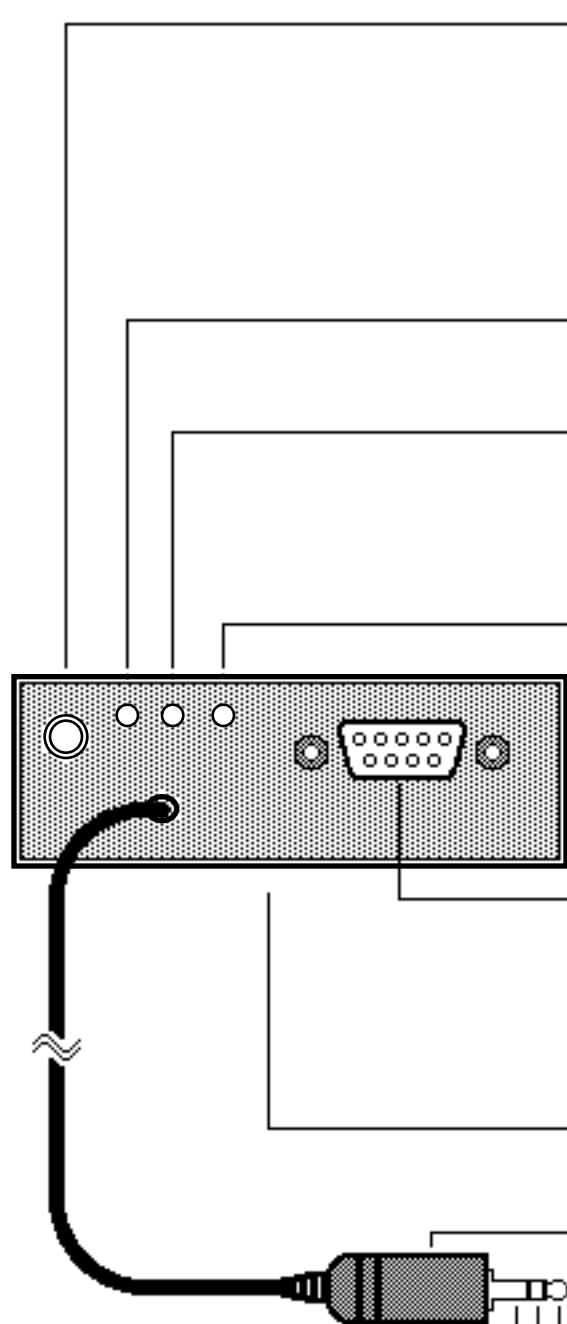


# Ivie Technologies model 78-232A RS-232 to RS-485 adaptor.



Plug in optional CH20 AC adaptor to power the 78-232A. The computer may be able to supply enough power without the CH20. If the computer cannot light the yellow LED, and a 9 volt battery is not installed in the 78-232A, the CH20 will need to be used or any external 7-15Vdc external source. Tip is (+), sleeve is (-).

Green - AudioNet™, Bus Active LED. This LED will flicker whenever there is activity on the bus.

Red - Computer port transmit LED. When connected to the correct COM port and running any Audio Net™ software, this LED will flicker whenever a command is issued.

Yellow - Power LED. This LED will be lit when the 78-232A adaptor is being successfully powered by either the computer, the CH20 AC adaptor or the internal 9 volt battery.

DB9 female connector. Use the supplied cable to connect the 78-232A to either COM1 or COM2 serial communications port on the computer. If COM2 is used, it must be specified when starting the software. The software will have to have "COM2" added to the command line. Refer to the manual of the unit being controlled for more detailed information.

Nine volt battery compartment located on the bottom of the case.

Plug into the AudioNet™ connector on the front panel of any Audio Net™ unit or connect via an adaptor to the AudioNet® terminals on the rear of the unit.

TIP - Connect to AudioNet™ plus(+) terminal.

RING - Connect to AudioNet™ minus (-) terminal.

SLEEVE - Shield. Do NOT connect to ground. Please leave "floating" to avoid ground loops.

DB9F SERIAL CONNECTOR		
Pin	Signal description	Data flow
3	TXD transmit data	From IBM
2	RXD receive data	To IBM
5	Signal ground	----
1	CD carrier detect	To IBM
4	DTR Data term rdy	From IBM
6	DSR Data set rdy	To IBM
7	RTS Request to send	From IBM
8	CTS Clear to send	To IBM
9	No Connection	