

**DESCRIPTION**

The ALD-19.2 **A**synchronous **L**ine **D**river transmits and receives data bi-directionally at data rates of 9.6k and 19.2kbps. The unit is designed for RS-232 asynchronous Point-to-Point operation utilizing private twisted pair (4-wire) wiring. The unit requires no AC power source.

**DO NOT CONNECT THE ALD-19.2 TO A PUBLIC SWITCHED TELEPHONE NETWORK**

The ALD-19.2 has a DB-25 male connector for RS-232 connection. The RS-232 port is manufactured as a DCE interface. The unit has a five position terminal block for connection to the transmission line, including a 4-wire connection and ground. Built-in surge protection protects both the RS-232 and 4-wire interface connection.

The ALD-19.2 utilizes two microprocessors to pass control signals bi-directionally independent of data or carrier operation. Control signals for DTR-to-DSR or DTR-to-CTS are passed as in-band flow control. This flow control is full duplex and control signals are transferred simultaneously in both directions. The unit has the ability to operate with only one control signal being active and 5 volts present on the active signal.

A six position dip switch is located inside the ALD-19.2 and is accessible by removing the cover. The unit is switch selectable for asynchronous data format, data rate and in-band flow control.

The ALD-19.2 is housed in a sturdy metal enclosure, has a three year warranty and a 24 hour turnaround on warranty repairs.

**SWITCH SETTING GUIDE:**

<b>SW-1</b>	<b>SW-2</b>	<b>** CHARACTER LENGTH</b>
OFF	ON	8 BIT
ON	ON	9 BIT
<b>OFF</b>	<b>OFF</b>	<b>10 BIT</b>
ON	OFF	11 BIT

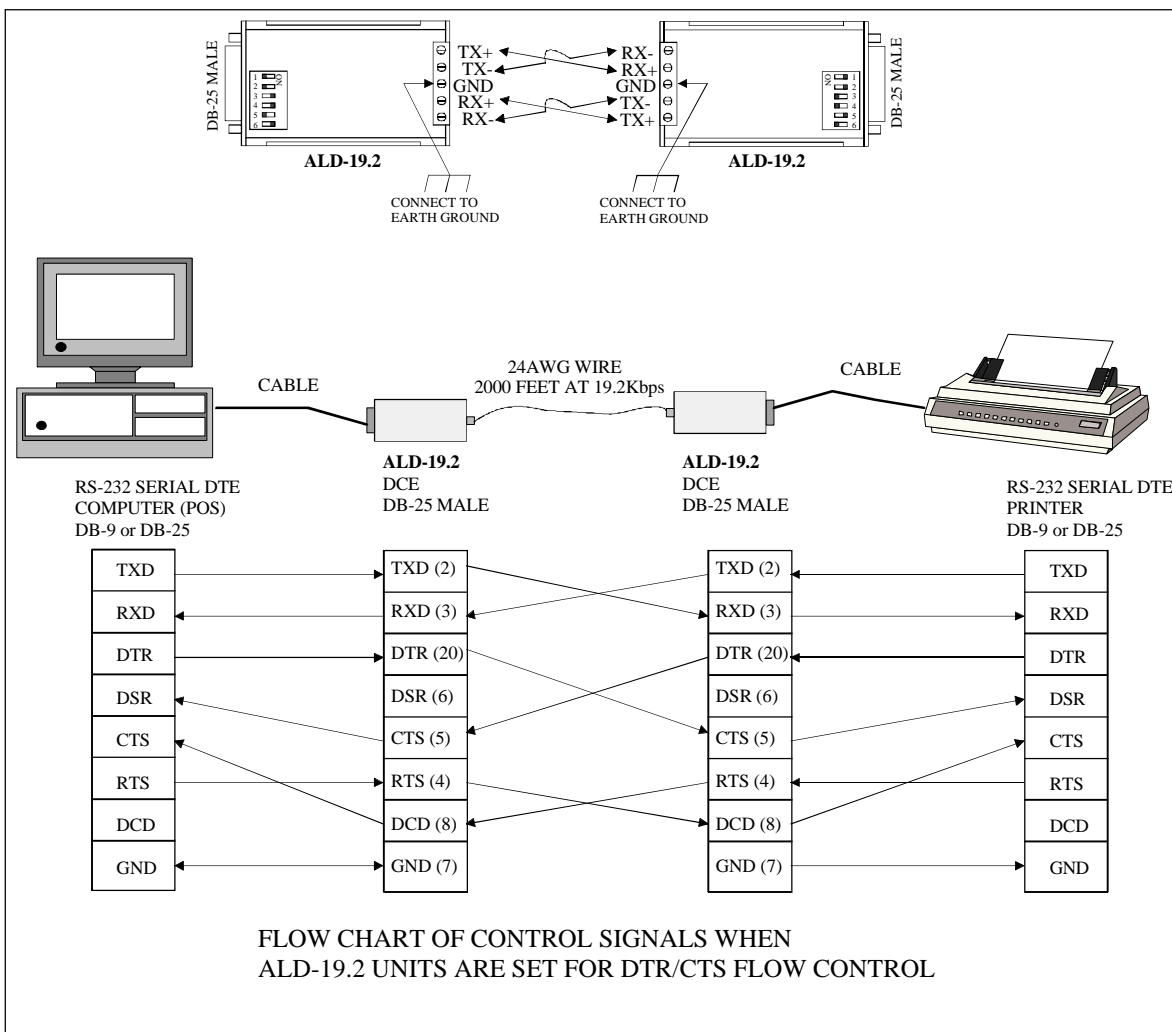
\*\* INCLUDES START AND STOP BITS

<b>SW-3</b>	<b>SW-4</b>	<b>BAUD RATE</b>
future use	ON	9.6Kbps
future use	<b>OFF</b>	<b>19.2Kbps</b>

<b>SW-5</b>	<b>SW-6</b>	<b>FLOW CONTROL</b>
ON	OFF	DTR to DSR
<b>OFF</b>	<b>ON</b>	DTR to CTS

BOLD IS FACTORY DEFAULT

# ALD-19.2 INSTALLATION GUIDE



FOR TECHNICAL SUPPORT CALL

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