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XID Accessory Connector Command

Set Output Lines (ah)

What it Does

Sets the state of the output lines. This command affects the XID device's behavior only when the Accessory Connector [mode](#) is set to General Purpose and some I/O lines are designated as output with the [Set I/O Direction](#) command.

Note: The state of the I/O lines is remembered even after the XID device is turned off and back on.

Using This Command

Send bytes **ah** followed by a single "bit mask" byte. A set bit (1) specifies that the corresponding output line should be raised; a cleared bit (0) lowers the output line. The lower six bits correspond to the six I/O lines available on the Accessory Connector. The two higher bits are not used.

The use of this command is affected by the [Set Output Logic](#) command: raising a line will set it to about 5V if the output logic is active high, but will set it to ground if the logic is active low.

Corresponding Inquiry Command

Send bytes **_ah**. The XID device returns **_ah** followed by the bit mask indicating which lines are currently raised.