

^SX – Set ZebraNet Alert

Description The ^SX command is used to configure the ZebraNet Alert System.

Format ^SXa,b,c,d,e,f



Note • The values in this table apply to firmware version V48.12.4 or later.

Parameters	Details
a = condition type	<p><i>Accepted Values:</i></p> <ul style="list-style-type: none"> A = paper out B = ribbon out C = printhead over-temp D = printhead under-temp E = head open F = power supply over-temp G = ribbon-in warning (Direct Thermal Mode) H = rewind full I = cut error J = printer paused K = PQ job completed L = label ready M = head element out N = ZBI (Zebra BASIC Interpreter) runtime error O = ZBI (Zebra BASIC Interpreter) forced error P = power on Q = clean printhead R = media low S = ribbon low T = replace head U = battery low V = RFID error (in RFID printers only) * = all errors <p><i>Default Value:</i> if the parameter is missing or invalid, the command is ignored</p>
b = destination for route alert	<p><i>Accepted Values:</i></p> <ul style="list-style-type: none"> A = serial port B* = parallel port C = e-mail address D = TCP/IP E = UDP/IP F = SNMP trap <p><i>Default Value:</i> if this parameter is missing or invalid, the command is ignored</p> <p>* Requires bidirectional communication.</p>

Parameters	Details
c = enable <i>condition set</i> alert to this destination	<p><i>Accepted Values:</i></p> <p>N = no Y = yes</p> <p><i>Default Value:</i> Y or previously configured value</p>
d = enable condition clear alert to this destination	<p><i>Accepted Values:</i></p> <p>N = no Y = yes</p> <p><i>Default Value:</i> N or previously configured value</p> <p>Parameters e and f are sub-options based on destination. If the sub-options are missing or invalid, these parameters are ignored.</p>
e = destination setting	<p><i>Accepted Values:</i></p> <p>Internet e-mail address (e.g. user@company.com) IP address (for example, 10.1.2.123) SNMP trap IP or IPX addresses</p>
f = port number	<p><i>Accepted Values:</i></p> <p>TCP port # (0 to 65535) UDP port # (0 to 65535)</p>



Example • This is an example of the different (b) destinations that you can send for the condition type (a):

```
Serial: ^SXA,A,Y,Y
Parallel: ^SXA,B,Y,Y
E-Mail: ^SXA,C,Y,Y,admin@company.com
TCP: ^SXA,D,Y,Y,123.45.67.89,1234
UDP: ^SXA,E,Y,Y,123.45.67.89,1234
SNMP Trap: ^SXA,F,Y,Y,255.255.255.255
```

Comments In the example above for SNMP Trap, entering 255.255.255.255 broadcasts the notification to every SNMP manager on the network. To route the device to a single SNMP manager, enter a specific address (123.45.67.89).