



4190U

Universal Two-Zone Remote Point Module

INSTALLATION INSTRUCTIONS

General Information

The ADEMCO 4190U Remote Point Module is a 2-zone expander which allows use of the available expansion zones provided by ADEMCO controls that support polling loop devices (e.g., Vista-40, Vista-50P, etc.). The 4190U consists of two protection loops, known as the left (primary) and right (secondary) loops. The left loop can be used for:

- closed-circuit devices, with or without EOLR supervision.
- open-circuit devices, with EOLR supervision.
- fast-response (10 millisecond) devices.

Follow the chart to the right for cutting the correct jumpers and choosing the correct resistor when using the left loop.

The right loop can be used for:

- closed-circuit devices only.
- has no EOLR supervision.
- 400 millisecond response time.

The jumpers do not affect the operation of the right loop. The zone number for the left loop is determined by the DIP switches, and the right loop is automatically one zone number higher than the left. The right loop cannot be used alone.

Supervision

The tamper/supervision response of the 4190U is determined by the zone response type assigned to the left loop zone. While the system is armed, tamper/supervisory faults will report as alarms if the left loop zone is assigned a burglary response type and will report as troubles if the left loop zone is assigned a non-burglary response type (i.e., fire, panic, aux). While the system is disarmed, tamper/supervisory will always report as troubles.

JUMPERS	USAGE (APPLIES TO LEFT ZONE (LOOP 1) ONLY)
RED	Cut for fast response (10msec).
BLUE	Cut for use with no EOLR (closed-circuit only). Doing this automatically puts an internal 10K ohm resistor in series with the zone.
NONE CUT	Use the 10K ohm resistor provided, with switches in either an open-circuit or closed-circuit configuration. 4190U draws 2 mA from the polling loop in this mode.

UL Notes:

- The right loop may not be used for Commercial Fire or UL Commercial Burglary installations.
- *For Commercial Fire usage:* Use N.O. contacts on the left loop. Supervise (style B) this loop using Model #610-11 Fire Listed 10K ohm EOLR (purchased separately as part of the 4100 EOLR resistor kit).
- *For UL Commercial Burglary Usage:* Use N.O. or N.C. contacts on the left loop. Supervise using the 10k ohm EOLR supplied.

SPECIFICATIONS:

Physical:

Width: 2-1/8" (53mm)
Height: 3-1/4" (81mm)
Depth: 1" (25mm)

Electrical:

Voltage Input: 8 - 11VDC
Current Drain: 2mA

DIP Switch Settings and Programming Notes

Zone Assignment Mode:

In the zone assignment mode, the DIP Switches on the 4190U are used to assign the left loop zone number. The right loop is automatically one zone number higher than the left.

Program the unit like any other zone, following the alarm control's installation instructions. When you are asked for the "INPUT TYPE" for this zone, enter 7 (DP) for the left loop zone, or 8 (PS) for the right loop zone.

Serial Number Mode:

In the serial number mode, the DIP Switches on the 4190U are used to assign the unit to its internal serial number. Do this by setting all the DIP Switches to the "UP" position. Each zone on the 4190U has the same serial number but a different loop "input." The first, which corresponds to the left loop, is "loop 1," and the second, which corresponds to the right loop, is "loop 2."

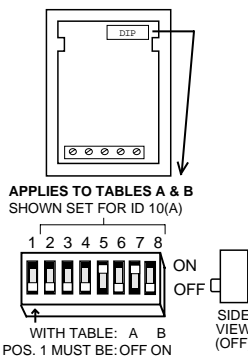
Program the unit like any other zone, according to the alarm control's installation instructions. Enter the following information when prompted for in programming:

"INPUT TYPE" = "6" (SL--Serial-Number Device)

Left Zone = Loop 1

Right Zone = Loop 2

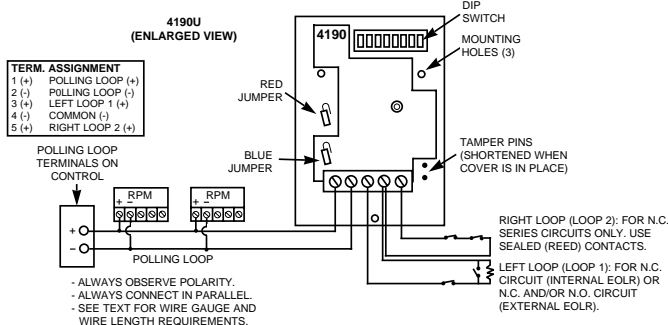
4190 U Zone Expander



Note: Device IDs 65 through 89 are only usable with controls supporting those zone numbers.

THIS TABLE FOR DIPS WITH WORD "OFF" ("—" = OFF)

DEVICE ID	2	3	4	5	6	7	8
10	—	—	—	ON	—	ON	—
11	—	—	—	ON	ON	—	ON
12	—	—	—	ON	ON	—	—
13	—	—	—	ON	ON	—	ON
14	—	—	—	ON	ON	ON	—
15	—	—	—	ON	ON	ON	ON
16	—	—	ON	—	—	—	—
17	—	—	ON	—	—	—	ON
18	—	—	ON	—	—	ON	—
19	—	—	ON	—	ON	ON	ON
20	—	—	ON	—	ON	—	—
21	—	—	ON	ON	—	ON	ON
22	—	—	ON	—	ON	ON	—
23	—	—	ON	—	ON	ON	ON
24	—	—	ON	ON	—	—	—
25	—	—	ON	ON	—	—	ON
26	—	—	ON	ON	—	ON	—
27	—	—	ON	ON	—	ON	ON
28	—	—	ON	ON	ON	—	—
29	—	—	ON	ON	ON	—	ON
30	—	—	ON	ON	ON	ON	—
31	—	—	ON	ON	ON	ON	ON
32	ON	—	—	—	—	—	—
33	ON	—	—	—	—	—	ON
34	ON	—	—	—	ON	—	—
35	ON	—	—	—	ON	ON	ON
36	ON	—	—	ON	—	—	—
37	ON	—	—	ON	—	ON	—
38	ON	—	—	ON	ON	—	—
39	ON	—	—	ON	ON	ON	ON
40	ON	ON	—	—	—	—	—
41	ON	ON	ON	—	—	—	ON
42	ON	ON	ON	—	ON	—	—
43	ON	ON	ON	—	ON	ON	ON
44	ON	ON	ON	ON	—	—	—
45	ON	ON	ON	ON	—	—	ON
46	ON	ON	ON	ON	ON	—	—
47	ON	ON	ON	ON	ON	ON	ON
48	ON	ON	ON	—	—	—	—
49	ON	ON	ON	—	—	—	ON
50	ON	ON	ON	—	ON	—	—
51	ON	ON	ON	—	ON	ON	ON
52	ON	ON	ON	ON	—	—	—
53	ON	ON	ON	ON	—	ON	ON
54	ON	ON	ON	ON	ON	—	—
55	ON	ON	ON	ON	ON	ON	ON
56	ON	ON	ON	ON	—	—	—
57	ON	ON	ON	ON	—	ON	—
58	ON	ON	ON	ON	—	ON	ON
59	ON	ON	ON	ON	ON	ON	ON
60	ON	ON	ON	ON	ON	—	—
61	ON	ON	ON	ON	ON	—	ON
62	ON	ON	ON	ON	ON	ON	—
63	ON	ON	ON	ON	ON	ON	ON
64	ON	—	—	—	—	—	—
65	ON	—	—	—	—	—	ON
66	ON	—	—	—	—	—	ON
67	ON	—	—	—	ON	ON	—
68	ON	—	—	—	ON	—	—
69	ON	—	—	ON	—	ON	—
70	ON	—	—	ON	ON	—	—
71	ON	—	—	ON	ON	ON	—
72	ON	—	ON	—	—	—	—
73	ON	ON	ON	—	—	ON	—
74	ON	ON	ON	ON	—	—	—
75	ON	ON	ON	ON	ON	ON	ON
76	ON	ON	ON	ON	—	—	—
77	ON	ON	ON	ON	ON	—	—
78	ON	ON	ON	ON	ON	ON	—
79	ON	ON	ON	ON	ON	ON	ON
80	ON	ON	ON	ON	—	—	—
81	ON	ON	ON	ON	—	—	ON
82	ON	ON	ON	ON	—	ON	—
83	ON	ON	ON	ON	—	ON	ON
84	ON	ON	ON	ON	ON	—	—
85	ON	ON	ON	ON	ON	ON	ON
86	ON	ON	ON	ON	ON	ON	—
87	ON	ON	ON	ON	ON	ON	ON
88	ON	ON	ON	ON	ON	ON	—
89	ON	ON	ON	ON	ON	ON	ON
S/N	ON	ON	ON	ON	ON	ON	ON
BIT VALUE:	64	32	16	8	4	2	1



ALARM DEVICE MANUFACTURING CO.
A DIVISION OF PITTMAN CORP.
165 Eileen Way, Syosset, NY 11791
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