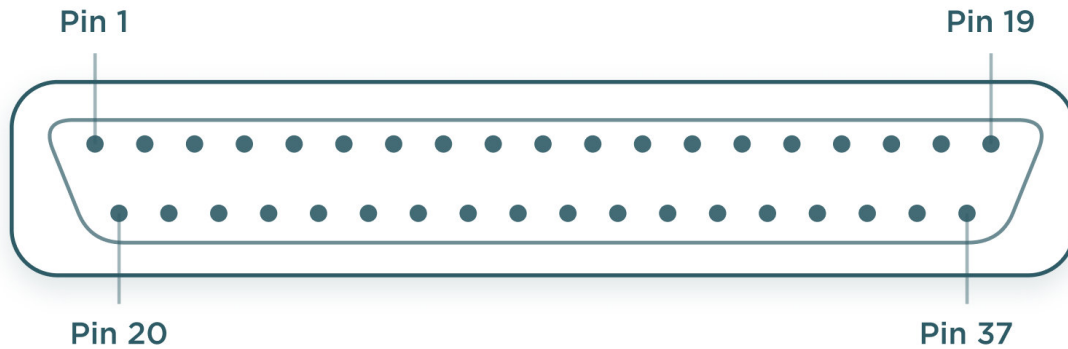


BlackJack

37-Pin Bed Cable Wiring

Bed side and wall side are wired one-to-one: each pin connects straight through to the same-numbered pin on the opposite end. Grounds are on pins 31 and 36.



Pin	Wire color
1	Black
2	Brown
3	Brown / White
4	Orange
5	Red
6	Red / Black
7	Red / White
8	Orange / Black
9	Orange / White
10	Yellow
11	Green
12	Black / White
13	Light Green
14	Green / Black
15	Green / White
16	Blue
17	Blue / Black
18	Blue / White
19	Light Blue

Pin	Wire color
20	Light Blue / Black
21	Light Blue / Blue
22	Yellow / Green
23	Light Blue / Green
24	Purple
25	Purple / White
26	Gray
27	Gray / Black
28	Gray / Red
29	White
30	Pink
31	Ground
32	Pink / Black
33	Pink / Red
34	Pink / Blue
35	Gray / Green
36	Ground
37	Pink / Green

BlackJack

Stryker Bed Dip-Switch Settings

Stryker beds set their nurse-call and bed-exit behavior with two dip-switch banks, SB1 and SB2, on the headwall board. Set them as shown below for a BlackJack install. SB3 and SB4 stay as they are.

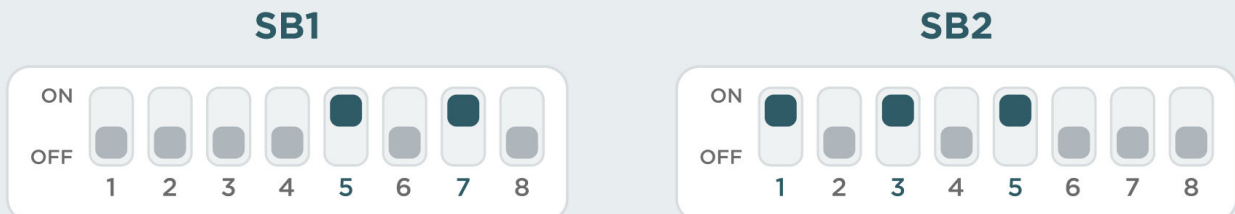
Which setting to use

Stryker beds come in two types. A priority bed keeps nurse call and bed exit on separate pins; a non-priority bed carries them in parallel on the 37-pin connector. BlackJack cables already merge bed-exit priority with nurse call, so a standard install uses the BlackJack settings below. The non-BlackJack settings apply only when nurse call and priority must be merged at the bed itself.

Tool required

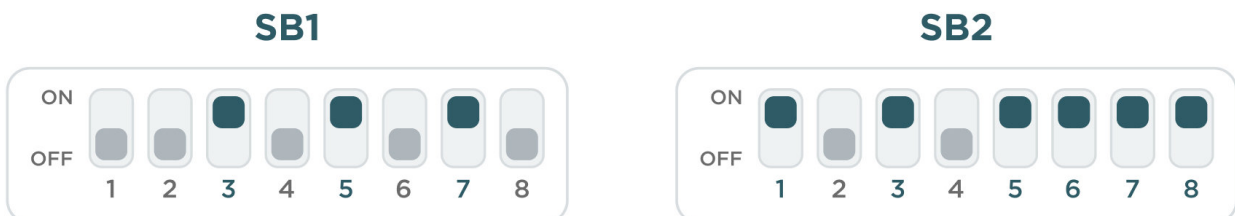
A Torx T27 screwdriver is required to open the dip-switch panel on the headwall board.

BlackJack (standard install)



SB1: switches 5 and 7 ON. SB2: switches 1, 3, and 5 ON. All other switches OFF.

Non-BlackJack (nurse and priority merged at the bed)



SB1: switches 3, 5, and 7 ON. SB2: switches 1, 3, 5, 6, 7, and 8 ON. All other switches OFF.

BlackJack

Specifications

BlackJack is a passive 37-pin cable that carries the full bed signal set end to end. The magnetic break point is the only join in the run.

Cable & electrical

Wire type	UL-listed AVL2
Conductors	37 conductors, 24 AWG
Jacket	6.5 mm OD PVC
Connector	DP37 male and female
Contacts	Gold plated
Pins	37 individually spring-loaded, magnetically backed
Power	100 VA, 5 A at max rated voltage and frequency
Voltage	30 VAC 60 Hz or 42.4 VDC

Regulatory & accessories

Certifications	UL/cUL 1069 (nurse call), FDA Registered Medical Device (Class 2 Exempt)
CSA	22.2 No. 205-12
Patents	US10863012B2, US20220066525A1
Wall plate	Surface-mount with strain relief, standard single-gang
Warranty	1-year full coverage

Cleaning & maintenance

Clean cables with approved hospital disinfectants such as Clorox Healthcare Bleach Germicidal or Virex II 256. Pre-clean with mild detergent, apply disinfectant, let it dwell, then wipe with clean water. Keep liquid off the 37-pin connectors and magnet faces, and use a dry nylon brush to clear debris from the magnetic connection.



See the connection at a glance

HighLightX mounts on the headwall and turns BlackJack's connection into a clear color signal, green when the bed is connected and communicating, so staff can confirm it without troubleshooting.



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