Fixed Systems Controllers

Beacon 110 Single Channel Wall Mount Controller

ORDERING INFORMATION: When ordering a Beacon 110 system, please specify the following components:
1) Controller - Be sure to order correct –01, -02, or –03 version if intended to be used with a standby battery or if a strobe light is needed.
2) Detector Assembly (one only)
3) Battery back-up assembly if Beacon 110 with battery charger is ordered
   49-8103RK 1.2 AH battery assembly
   49-8104RK 12 AH battery assembly

Note
The Beacon 110 can accept direct connect sensors for LEL combustibles, Oxygen, Hydrogen Sulfide , and Carbon Monoxide as well as a few other gases (see Direct Connect Sensor section for a complete listing on page 129). The Beacon 110 can also accept any 4-20 mA transmitter.

Controller Selection

Part#	Description	Suggested Retail
72-2110RK	Beacon 110, single channel controller (no sensor)	895.00
72-2110RK-01	Beacon 110, single channel controller with battery charger (no sensor or back-up battery)	930.00
72-2110RK-02	Beacon 110, single channel controller with small red strobe light (no sensor)	1,025.00
72-2110RK-03	Beacon 110, single channel controller with battery charger and small red strobe light (no sensor or back-up battery)	1,060.00

Detector Assemblies Selection

Refer to detector assembly sections for complete listing

Direct Connect	Sensors with or without junction boxes, that connect directly to a controller (no transmitter)	page 129
S2 Series	Sensor / transmitter with explosion proof and non explosion proof junction box (no display)	page 133
M2A Series	Stand alone sensor / transmitter with explosion proof junction box and digital display	page 136
M-Series	Low cost sensor / transmitter (not explosion proof)	page 147
35-3001	Sample draw detector assembly in NEMA 4X enclosure	page 148
35-3010	Sample draw, multi-sensor detector assembly in NEMA 4X enclosure	page 148
GD-70D	Electrochemical sample draw detector assembly with digital display for toxic gases	page 140
GD-K88Ai	Electrochemical diffusion detector assembly for toxic gases	page 143

Refer to Legacy Products section for the following detector assemblies

S-Series	Sensor / transmitter with explosion proof junction box (no display) (old style)	page 158

Battery Back-up Assembly Selection

Part#	Description	Suggested Retail
49-8103RK	Standby battery assembly, 24 VDC, 1.2 AMP hours, for Beacon 110 and Beacon 200	250.00
49-8104RK	Standby battery assembly, 24 VDC, 12 AMP hours, for Beacon 110, Beacon 200, Beacon 410, & Beacon 800	450.00

Replacement Parts & Accessories

For a complete listing of replacement parts and accessories see page 163.

Notes

- Fixed system pricing is for equipment only and does not include factory start-up or training. Please contact RKI for quotation if factory start-up or training is needed.
- Please contact RKI if you would like assistance with pricing or configuring a system quotation.
- A calibration test kit is a strongly recommended accessory for all fixed systems.
- Legacy products are still available.

Fixed Systems Controllers

Beacon 200 Two Channel Wall Mount Controller

ORDERING INFORMATION: When ordering a Beacon 200 system, please specify the following components:
1) Controller
2) Detector Assembly (up to 2)
3) Battery back-up assembly if required
   49-8103RK 1.2 AH battery assembly
   49-8104RK 12 AH battery assembly

Note
The Beacon 200 can accept direct connect sensors for LEL combustibles, Oxygen, Hydrogen Sulfide , and Carbon Monoxide as well as a few other gases (see Direct Connect Sensor section for a complete listing on page 129). The Beacon 200 can also accept any 4-20 mA transmitter.

Controller Selection

Part#	Description	Suggested Retail
72-2102RK	Beacon 200, two channel controller, 115/220 VAC (no sensors) …………………………………………	1,695.00
72-2102-08	Beacon 200, two channel controller, 24 VDC with small red strobe light (uses common alarm 1 relay contact for strobe) (no sensors) …………………………………………	1,825.00

Detector Assemblies Selection

Refer to detector assembly sections for complete listing

Direct Connect	Sensors with or without junction boxes, that connect directly to a controller (no transmitter)	…… page 129
S2 Series	Sensor / transmitter with explosion proof and non explosion proof junction box (no display)	…… page 133
M2A Series	Stand alone sensor / transmitter with explosion proof junction box and digital display	…………… page 136
M-Series	Low cost sensor / transmitter (not explosion proof)	………………………………………… page 147
35-3001	Sample draw detector assembly in NEMA 4X enclosure	………………………………………… page 148
35-3010	Sample draw, multi-sensor detector assembly in NEMA 4X enclosure	……………………………… page 148
GD-70D	Electrochemical sample draw detector assembly with digital display for toxic gases	……………… page 140
GD-K88Ai	Electrochemical diffusion detector assembly for toxic gases	………………………………………… page 143

Refer to Legacy Products section for the following detector assemblies

S-Series	Sensor / transmitter with explosion proof junction box (no display) (old style)	……………………… page 158

Battery Back-up Assembly Selection

Part#	Description	Suggested Retail
49-8103RK	Standby battery assembly, 24 VDC, 1.2 AMP hours, for Beacon 110 and Beacon 200	…………………… 250.00
49-8104RK	Standby battery assembly, 24 VDC, 12 AMP hours, for Beacon 110, Beacon 200, Beacon 410, & Beacon 800 ……………………………………………………………………………………	450.00

Replacement Parts & Accessories
For a complete listing of replacement parts and accessories see page 163.

Notes

- Fixed system pricing is for equipment only and does not include factory start-up or training. Please contact RKI for quotation if factory start-up or training is needed.
- Please contact RKI if you would like assistance with pricing or configuring a system quotation.
- A calibration test kit is a strongly recommended accessory for all fixed systems.
- Legacy products are still available.

Fixed Systems Controllers

Beacon 410A Four Channel Wall Mount Controller

ORDERING INFORMATION: When ordering a Beacon 410A system, please specify the following components:

1) Controller - Be sure to order correct –01, -02, or –03 version if intended to be used with a standby battery or if a strobe light is needed.
2) Detector Assemblies (up to 4)
3) Battery back-up assembly if Beacon 410A with battery charger is ordered
   49-8104RK 12 AH battery assembly

Note

The Beacon 410A can accept direct connect sensors for LEL combustibles (catalytic or IR sensor), Oxygen, Hydrogen Sulfide , Carbon Monoxide , and Carbon Dioxide as well as a few other gases (see Direct Connect Sensor section for a complete listing on page 129. The Beacon 410A can also accept any 4-20 mA transmitter.

Controller Selection

Part#	Description	Suggested Retail
72-2104A	Beacon 410A, four channel controller (no sensor)	2,095.00
72-2104A-01	Beacon 410A, four channel controller with battery charger (no sensors or back-up battery)	2,140.00
72-2104A-13R	Beacon 410A, four channel controller with large red strobe light (no sensor)	2,395.00
72-2104A-14R	Beacon 410A, four channel controller with terminals for battery charger, large red strobe light (no sensors or back-up battery)	2,420.00

Detector Assemblies Selection

Refer to detector assembly sections for complete listing

Direct Connect	Sensors with or without junction boxes, that connect directly to a controller (no transmitter)	page 129
S2 Series	Sensor / transmitter with explosion proof and non explosion proof junction box (no display)	page 133
M2A Series	Stand alone sensor / transmitter with explosion proof junction box and digital display	page 136
M-Series	Low cost sensor / transmitter (not explosion proof)	page 147
35-3001	Sample draw detector assembly in NEMA 4X enclosure	page 148
35-3010	Sample draw, multi-sensor detector assembly in NEMA 4X enclosure	page 148
GD-70D	Electrochemical sample draw detector assembly with digital display for toxic gases	page 140
GD-K88Ai	Electrochemical diffusion detector assembly for toxic gases	page 143

Refer to Legacy Products section for the following detector assemblies

S-Series	Sensor / transmitter with explosion proof junction box (no display) (old style)	page 158

Battery Back-up Assembly Selection

Part#	Description	Suggested Retail
49-8104RK	Standby battery assembly, 24 VDC, 12 AMP hours, for Beacon 110, Beacon 200, Beacon 410A, & Beacon 800	450.00

Replacement Parts & Accessories

For a complete listing of replacement parts and accessories see page 163.

Notes

- Fixed system pricing is for equipment only and does not include factory start-up or training. Please contact RKI for quotation if factory start-up or training is needed.
- Please contact RKI if you would like assistance with pricing or configuring a system quotation.
- A calibration test kit is a strongly recommended accessory for all fixed systems.
- Legacy products are still available.

Beacon 800 Eight Channel Wall Mount Controller

ORDERING INFORMATION: When ordering a Beacon 800 system please specify the following components:

1) Controller
2) Detector Assemblies (up to 8)
3) Any options desired such as heavy duty relay board or individual recorder output board.
4) Battery back-up assembly if required
   49-8104RK 12 AH battery assembly

Note
All sensors connected to the Beacon 800 must use a 4-20 mA transmitter. Direct Connect Sensors are not compatible with the Beacon 800.

Controller Selection

Part#	Description	Suggested Retail
72-2108RK	Beacon 800, eight channel controller (no sensors) ……………………………………………………………	2,295.00

Detector Assemblies Selection

Refer to detector assembly sections for complete listing

S2 Series	Sensor / transmitter with explosion proof and non explosion proof junction box (no display) ……	page 133
M2A Series	Stand alone sensor / transmitter with explosion proof junction box and digital display …………	page 136
M-Series	Low cost sensor / transmitter (not explosion proof) ……………………………………………………	page 147
35-3001	Sample draw detector assembly in NEMA 4X enclosure ……………………………………………………	page 148
35-3010	Sample draw, multi-sensor detector assembly in NEMA 4X enclosure …………………………………	page 148
GD-70D	Electrochemical sample draw detector assembly with digital display for toxic gases ………………	page 140
GD-K88Ai	Electrochemical diffusion detector assembly for toxic gases …………………………………………………	page 143

Refer to Legacy Products section for the following detector assemblies

S-Series	Sensor / transmitter with explosion proof junction box (no display) …………………………………	page 158

Optional Selections

(These items are factory installed and must be ordered with the instrument)

75-0004RK	Recorder output board, 8 outputs, 4-20 mA or 1-5 VDC, added to Beacon 800 ……………………………	300.00
75-0005RK	Heavy duty relay board, 4 relays at 30 amps, added to Beacon 800 ………………………………………	200.00
75-0006RK	Relay board and recorder output board, added to Beacon 800 ……………………………………………	480.00

Battery Back-up Assembly Selection

Part#	Description	Suggested Retail
49-8104RK	Standby battery assembly, 24 VDC, 12 AMP hours, for Beacon 110, Beacon 200, Beacon 410, & Beacon 800 ……	450.00

Replacement Parts & Accessories
For a complete listing of replacement parts and accessories see page 163.

Notes

- Fixed system pricing is for equipment only and does not include factory start-up or training. Please contact RKI for quotation if factory start-up or training is needed.
- Please contact RKI if you would like assistance with pricing or configuring a system quotation.
- A calibration test kit is a strongly recommended accessory for all fixed systems.
- Legacy products are still available.

Fixed Systems Controllers

RM-5000 Series 2, 4, 6, 8, or 12 Multi-Channel Controller and Alarm

ORDERING INFORMATION: When ordering a RM-5000 system please specify the following components:
1) Housing
2) Display Modules
3) Detector / Transmitter Assemblies

Housing

Part#	Description	Suggested Retail
5000-SR	1-Channel Case, panel mounting, RM-5000 Series	220.00
5000-02R	2-Channel panel mounting housing, RM-5000 Series	920.00
5000-02W	2-Channel wall mounting housing, RM-5000 Series	920.00
5000-04R	4-Channel panel mounting housing, RM-5000 Series	1,150.00
5000-04W	4-Channel wall mounting housing, RM-5000 Series	1,150.00
5000-06R	6-Channel panel mounting housing, RM-5000 Series	1,380.00
5000-06W	6-Channel wall mounting housing, RM-5000 Series	1,380.00
5000-08R	8-Channel panel mounting housing, RM-5000 Series	1,610.00
5000-08W	8-Channel wall mounting housing, RM-5000 Series	1,610.00
5000-10R	10-Channel panel mounting housing, RM-5000 Series	1,840.00
5000-10W	10-Channel wall mounting housing, RM-5000 Series	1,840.00
5000-12R	12-Channel panel mounting housing, RM-5000 Series	2,070.00
5000-12W	12-Channel wall mounting housing, RM-5000 Series	2,070.00

Display Modules

Part#	Description	Suggested Retail
EC-5002	Module,indicator/alarm, toxic gasses, 2-wire 4-20 mA, RM-5000 Series (specify gas & range)	660.00
EC-5002-NH3	Module,indicator/alarm, 0-75.0 ppm NH3, 2-wire 4-20 mA, RM-5000 Series	660.00
GH-5001	Module, indicator/alarm, GH-5001,combustible or toxic gasses (ppm range), RM-5000 Series (specify gas & range)	660.00
GH-5001H	Module, indicator/alarm, GH-5001H, 0-2000 ppm H2, (for SG-8541,SG-8546,61-0160RK sensors)	660.00
GH-5001H-01	Module,indicator/alarm, GH-5001H, 0-2000 ppm H2, NE relays/test relay on	660.00
GH-5001H-02	Module,indicator/alarm, GH-5001H, 0-2000 ppm H2, NE relays/self resetting alms/test relay on	660.00
GP-5001-C4H10	Module,indicator/alarm, GP-5001,combustible gas , 0-100 %LEL isobutane, RM-5000 Series	660.00
GP-5001-CH4	Module, indicator/alarm, GP-5001,combustible gas , 0-100% LEL CH4, RM-5000 Series	660.00
NC-5001-C2H4	Module indicator/alarm, 0 - 100 %LEL Ethylene (C2H4), for NC-6241A, RM-5000 Series	660.00
NC-5001-CH4	Module indicator/alarm, 0 - 100 %LEL CH4, for NC-6241, RM-5000 Series	660.00
NC-5001-THF	Module indicator/alarm, 0 - 100 %LEL THF, for NC-6241, RM-5000 Series	660.00
NP-5001	Module, indicator/alarm, NP-5001, combustible gas, % volume, RM-5000 Series	660.00
OX-5001	Module, indicator/alarm, oxygen, 0-25%, direct connect, RM-5000 Series	660.00
OX-5002	Module, indicator/alarm, OX-5002, Oxygen (4-20mA), RM-5000 Series	660.00
RM-5002	Module indicator/alarm, 2-wire 4-20 mA, RM-5000 Series (specify gas & range)	660.00
RM-5002-CO2-02	Module indicator/alarm, 0-9950 ppm, 2-wire 4-20 mA, RM-5000 Series	660.00
RM-5003	Module indicator/alarm, 3-wire 4-20 mA, RM-5000 Series (specify gas & range)	660.00
RM-5003-CL2	Module indicator/alarm, 0-3.00 ppm Cl2, 3-wire 4-20 mA, RM-5000 Series	660.00
SP-5001	Module, indicator/alarm, SP-5001, combustible or toxic gases (ppm range), RM-5000 Series	660.00
TAN-5000	Buzzer Unit, self resetting, RM-5000 Series	400.00
TAN-5000L	Buzzer Unit, latching, RM-5000 Series	400.00

Fixed Systems Controllers

RM-5000 Series 2, 4, 6, 8, or 12 Multi-Channel Controller and Alarm

ORDERING INFORMATION: When ordering a RM-5000 system please specify the following components:
1) Housing
2) Display Modules
3) Detector / Transmitter Assemblies

RM-5000 Detector Assemblies

Part#	Description	Suggested Retail
21-0250RK	Weather proof cover for GD-A8 & GD-D8	140.00
61-1000RK	Sensor, LEL combustible (catalytic) with explosion proof j-box (no transmitter), (specify calibration), UL version	350.00
61-1001RK	Sensor, LEL Hydrogen (H2) specific with explosion proof j-box (no transmitter), UL version.................	495.00
61-1050RK	Hydrogen (H2) specific sensor / j-box, 0-2000 ppm	495.00
GD-A80-01	Diffusion detector assembly, model GD-A80, 0 - 100% LEL methane, explosion proof	575.00
GD-A80-02	Diffusion detector assembly, model GD-A80, 0 - 100% LEL hexane, explosion proof	575.00
GD-A80-03	Diffusion detector assembly, model GD-A80, 0 - 100% LEL propane, explosion proof	575.00
GD-A80-04	Diffusion detector assembly, model GD-A80, 0 - 100% LEL hydrogen, explosion proof	575.00
GD-A80-05	Diffusion detector assembly, model GD-A80, 0 - 100% LEL isobutane, explosion proof	575.00
GD-A80-06	Diffusion detector assembly, model GD-A80, 0 - 100% LEL MMA (mono methyl methacrylate), explosion proof	575.00
GD-A80V-01	Diffusion detector assembly, model GD-A80V, 0 - 2000 ppm hydrogen, H2 specific, MOS sensor, explosion proof	575.00
GD-A80V-02	Diffusion detector assembly, model GD-A80V, 0 - 5000 ppm hydrogen, H2 specific, SG-8511, explosion proof	575.00
GD-A80V-04	Diffusion detector assembly, model GD-A80V, 0 - 300 ppm MMA (methyl methacrylate), MOS sensor, explosion proof	575.00
GD-D58-DU2-100	Sample draw detector assembly, model GD-D58, 0 - 100% LEL methane, 24 VDC, with G1 ports, brass 1/4" tube fittings	1,500.00

Refer to detector assembly sections for complete listing

Notes
- Fixed system pricing is for equipment only and does not include factory start-up or training. Please contact RKI for quotation if factory start-up or training is needed.
- Please contact RKI if you would like assistance with pricing or configuring a system quotation.
- A calibration test kit is a strongly recommended accessory for all fixed systems.
- Legacy products are still available.