

BASE ENGINEERING INC.

FUEL TRANSFER AUTOMATION



ASKW series

Up to 8 channels of bulletproof control. The industry standard in petrochemical applications including propane bobtails and refined fuel trucks. Range up to 1000 feet and battery life over 300 hours continuous transmission. Complies with US and Canadian DOT requirements for "Off Truck Remote Shut Off".

INDUSTRIES

Aviation Products
Petroleum Products



FEATURES

- Compact polycarbonate receiver units are easily installed using prewired electrical harness supplied
- External antenna/coax provides up to 1000 ft (300m) operating range

OVERVIEW

Our popular LNG remote control systems are the result of over twenty years experience in pumping system and tank safety equipment design. They offer unrestricted hose-end control greatly increasing productivity and improving safety over conventional truck mounted manual controls. Developed

SPECIFICATIONS

HANDHELD TRANSMITTER SPECIFICATIONS

- FREQUENCY OF OPERATION 433.92MHz
- METHOD OF TRANSMISSION ASK with unique ID
- CONSTRUCTION Rugged weatherproof aluminum enclosure

A small external 'learn' button allows for easy transmitter replacement. Systems are factory paired with unique 32 bit ID codes ensuring the receiver will not work with any other transmitter

- Internal diagnostic LEDES monitor battery levels, signal connection, and wiring faults for easy troubleshooting
- Receivers are energized only during pumping operations and have built-in 'fail-safe' feature closing all tank valves with any power loss or truck movement

specifically for fuel delivery truck applications requiring explosion proof, severe-service remote controls, the ASKW system is available with one to eight control buttons in a rugged, compact package. This technology has a proven record of reliability and performance.

ASKW systems are available for all makes of trucks, tanks, and chassis mounted pumping systems. Quick-connect remote wire harness can be factory ordered and pre-installed as an option from most major truck manufacturers.

BASE Engineering designs and manufactures its own proprietary radio modules to ensure quality control and optimize performance. Systems comply to USA DOT RSPA, Canadian CSA B620, and International standards for "off truck" remote controls. Wire harness, drawings, and button text specific to customer's application are included with each system.

- ANTENNA Externally mounted helical
- NORMAL RANGE Up to 1000 feet
- TEMPERATURE SPECIFICATION -20 F to 185 F (ATEX certified for -20 C to 50 C / -4 F to 122 F)
- BATTERY LIFE 300 hours of continuous use w/flashing Low Battery LED indicator
- DIAGNOSTICS RF activity LED and Low Battery indicator
- FCC APPROVAL # N8KJ8T6J11 (non-licensed)
- CERTIFICATIONS Intrinsically Safe EX Rated: ATEX: EXII 1G SIRA 11ATEX2317x
- IECEX: EX ia IIC T4 Ga SIR11.0148x

TRUCK MOUNTED RECEIVER SPECIFICATIONS

- POWER SUPPLY 12VDC (Optional 24 VDC and 120VAC systems available)
- CURRENT LOAD Up to 4 Amps @ 12VDC per channel or 8 Amps total
- CONSTRUCTION Rugged weatherproof polycarbonate enclosure
- ANTENNA Internally protected and encased (optional external antenna/coax available)
- WIRING CONNECTIONS Pre-wired harness to OEM requirements, quick connect fittings supplied
- DIAGNOSTICS RF activity LED and Power On indication
- PROGRAMMING MODES Up to 8 programmable channels including: Latched, Momentary, Safety Latched, Channel Interlock, Channel Delay, Query (custom OEM programming available)

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