

What is the ProMOTION™ System?

A fully integrated electro-hydraulic solution, with off-the-shelf radio controls, hydraulics and harness cabling, in a ready-to-install customized package.

for  
**LIVE-LINE WORK:**



Radio Remote Retrofit  
**SOLUTION**

**BOLTS ONTO YOUR EXISTING VALVE BANK**

And typically

**COSTS MUCH LESS** than an OEM radio remote system

**PRECISION**

- ✓ Superfine proportional controls
- ✓ Less than 1mm per actuation for extremely precise man-basket positioning
- ✓ A well proven system that will transform your new or old crane into a highly satisfying workmate
- ✓ Our unique closed loop system provides outstanding system feedback for consistent, accurate and repeatable movements
- ✓ Fantastic cold weather / cold oil performance

**SAFER + FASTER**

- ✓ Not-grounded: Remote use keeps hands off the truck during operation and movement
- ✓ Moves the operator away from the truck and closer to the workspace
- ✓ Enables 'solo' operation with no need for a spotter or multi-man crew
- ✓ Maximizes productivity and efficiency

**PAYS FOR ITSELF**

- ✓ Labour savings and productivity gains typically pay for the retrofit kit very quickly
- ✓ Costs substantially less than an OEM system, while being much more straightforward to service

*You don't need to continue to work with manual cranes!*

**NEED TO KNOWS:**

Radio Remote/Electro-Hydraulic Proportional Control System

**A COMPLETE SOLUTION**

Custom integrated to meet your specific application and performance needs.



Radio Remote



Receiver, Cabling & Actuators



Bolts onto your existing valve bank



Faster, safer live-line work

Plus you retain all the manual controls.

**PROVEN IN OVER A THOUSAND APPLICATIONS**



Our fully integrated systems have been proven in over a thousand boom and articulated crane applications throughout Canada and both American continents for over 25 years, providing safe, reliable and secure radio control systems in diverse and challenging operational situations.

*Transforms your crane - new or old - into a remote control dream machine while retaining your existing valve bank and manual controls*

**REMOTE FEATURES**



HETRONIC®  
NOVA L - SIX PADDLE



HETRONIC®  
NOVA L - DUAL JOYSTICK

- ▶ Fully proportional HETRONIC® transmitter/receiver system delivers smooth and precise movement and placement
- ▶ Noise and interference free with 900 MHz RF frequency hopping for assured safety and performance in any environment
- ▶ No Radio Operator licence required
- ▶ External quick-changeable NiMh battery with up to 20 hours continuous operation.
- ▶ 4 to 6 two-way functions, plus options like

- + Start / Stop
- + RPM +/-
- + Horn
- + Lights
- + Other custom functions



**GREAT OPTIONS**

- ▶ Optional "dead man's switch" sensors
  - + Inductive 'proximity touch' sensors in roll bars
  - + Inclinometer 'tilt' sensor

*Movement stops when remote is not in-hand*

*Unit shuts off if tilted past 45°*

- ▶ Cable backup with power/controls

**TRUSTED BY**



among many others

**SEE IT IN ACTION**

▶ Get with us for an on-site demonstration

✉ sales@multiflow.ca

☎ +1 519-822-0020

🌐 multiflow.ca

