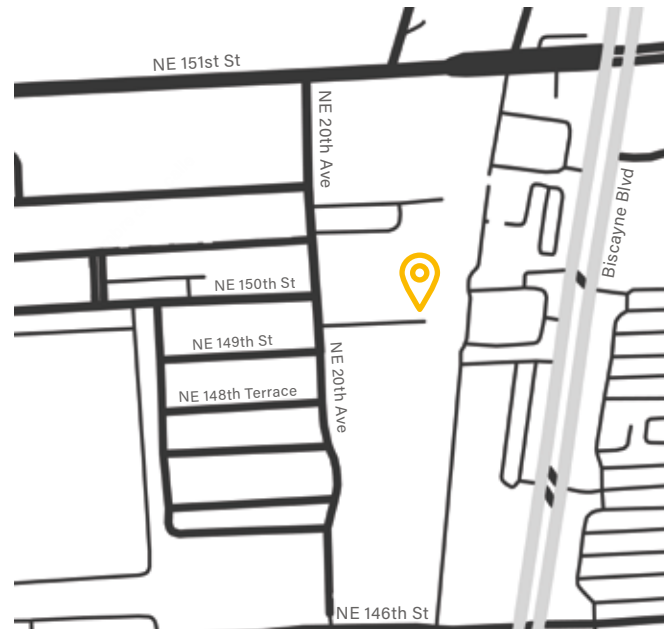


**We have developed radio control systems for more than 65 years**



**TELE RADIO AMERICA LLC**

14895 NE 20<sup>th</sup> Ave - North Miami - FL 33181

usa@teleradio.com

Toll free: 866 629 0780

Tel.: 305 459 0763

Member of:



**www.teleradio.com**



Supporting the world wide preservation of the Tiger with WWF

ISO 9001  
ISO 14001

**tele radio**  
wireless solutions



**INDUSTRIAL  
REMOTE  
CONTROL**

**SAFE · SMART · STRONG**



CAT3  
PLd

## PANTHER

Panther systems controls 95% of all Overhead Crane Applications



Adapts to single or multiple Hoist Cranes, capable of Master/Master, Master/Slave operation.

Controls up to 4 cranes with a single transmitter. System technology allows for interference free operation of hundreds of systems in close proximity. Custom configurations available upon request.

- 2.4 GHz frequency with DSSS (Direct Sequence Spread Spectrum)
- Fail safe operation, out of range shut-off
- Interference free operation in the same area
- Receiver power supply voltage 12-24V AC/DC, 24-230VAC
- IP-65 to IP-66 rated
- Certified under EN ISO 13849-1, Functional Safety of Machinery, as CAT3, PLd
- Pre-defined interlocks (i.e. between UP and DOWN)
- Pitch and Catch
- Optional Start Phase relay, Active relay, Working relay, Kill relay
- Adjustable operating range
- Use one back-up transmitter for any Panther system
- Replace lost or damaged transmitter from ground-up
- 2 Years Manufacturer's Warranty



## PANTHER

Single Speed Hoist + 2-Speed Hoist + Single Speed Mono-Rail Kits



Panther Hoist & Mono-Rail Kits are suitable for Work Station Cranes, Hoists, Jibs, Aerial Platforms and many other Lifting and Non-Lifting Applications.

- 2.4 GHz frequency with DSSS (Direct Sequence Spread Spectrum)
- Fail safe operation, out of range shut-off
- Continuous Radio Link (Safety relays drop if Receiver loses sight of Transmitter)
- Customization available
- 16 random frequency channels for interference free operation of 100's of systems in the same area
- Receivers accepting 12-24V AC/DC and 48-230VAC
- Flexible operating range of up to 150ft, 400ft, 1000ft, line of sight
- 2 Years Manufacturer's Warranty



SIL3  
PLe

## TIGER

All products SIL3 PLe certificated Maximum Security & Fully Customizable



Ideal for complex applications. Up to 15 receivers with the same transmitter (i.e. single and multiple hoist cranes), receive feedback via LED's or display it on the Transmitter's LCD Screen.

We offer complete feedback compatible packages, adaptable to your load cell!

- Full Duplex System
- 915MHz with Frequency Hopping
- SIL3 IEC 61508 standard and PLe, the maximum safety standard found in radio control
- Communication using fieldbus Systems (CANopen, Profibus or Modbus/TCP) digital inputs and analog inputs/outputs
- Control up to 15 receivers with 1 transmitter
- Fully customizable RFID tags
- Hamming distance greater than 9
- 2 Year Manufacturer's Warranty

[www.teleradio.com](http://www.teleradio.com)