



*Newly Designed & made in USA*

# High Speed Smart Repeater for 418 and 315 MHz Systems

## Features

- Extends range and enhances coverage of Holatron 418 and 315 MHz firing systems. One repeater can double the range of any Holatron UHF transmitter to one mile.
- Up to 4 repeaters can be linearly cascaded to multiply range up to 5x.
- Multiple repeaters can be deployed within half mile range for distributed coverage.
- Useful for extending radio links around corners, over hills, to roofs, etc.
- Preserves instant fire capability from standard Holatron hand-held UHF transmitters. Firing latency added by repeater is imperceptible.
- Powered by 4 self-contained AA batteries. Battery life exceeds one week continuous operation.
- 64 bit error detection and Holatron communication protocol verification provides additional safety, reliable firing, and resistance to interference.
- In addition to filtering out non-Holatron signals and incorrectly formatted digital signals, the repeater can be set to allow only Holatron signals on a selected digital channel, or optionally on all of the 12 available channels, to be retransmitted. The repeater will retransmit all proprietary system codes on its selected channel(s).
- Electronics and antenna are environmentally sealed when hinged lid is closed, and it may be operated in this configuration under heavy rainfall and other adverse environmental conditions.



**418 MHz High Speed Smart Repeater, Model RPTR418**