

SHOT PRO™ HD

INOVA's Shot Pro HD is the latest impulsive source controller from INOVA that expands on features and capability of the previous Shot Pro II version.

OPERATION MODES

- Autonomous Mode - Autonomous shooting without the need for encoder communication or radios
- Remote Encoder Operation - Allows shooting through deployed G3i HD cable telemetry in areas with poor radio communication
- Legacy Mode - Fires when Radio Start message is received
- Repeater - Ability to relay start messages from encoder to decoders



FEATURES

- Operation in encoder or decoder mode
- Integration with iX1 Central System platform
- Web interface allows easy setup on PC, tablet or smartphone
- Internal clock disciplined to GPS or VHF radio synchronization with microsecond resolution
- Comprehensive geophone test verifies geophone operation to ensure uphole integrity
- Built-in Wi-Fi communication
- Storage of all shot and uphole information to flash memory card
- Optional digital cap support
- Three channel ADC for digitizing uphole data
- Graphical display to view setup information and detailed shot data
- Diagnostic LEDs
 - Geophone resistance and cap test status
 - GPS position and DGPS verification
 - High voltage (cap charged)

TECHNICAL SPECIFICATIONS

Voltage Input:	10 Vdc – 36 Vdc
Charge Time:	< 1 Second
Firing Accuracy:	+/- 20 microseconds
Firing Voltage, Current:	400 Volts , >200A (0.5 Ohm load)
Uphole Signal Digitizing:	0.5 milliseconds
Uphole input Impedence:	20k Ohms
Clock Discipline:	GPS or VHF
Built-In GPS Timing Accuracy:	Microsecond Accuracy

PHYSICAL SPECIFICATIONS

Operating Temperature:	-40 C to +60 C
Height:	3" (7.6 cm)
Width:	5.6" (14.4 cm)
Length:	12.0" (30.5 cm)
Weight:	3.1 lbs (1.4 kg)
Humidity:	0 to 99%
Data Storage (Internal 8GB CF card):	480 Hours
LED's:	Status /GPS / High voltage