

Smart Blast Specifications

AII UNITS CONTROLLER

Low battery & unit status indications Interactive keypad
EMI shielded, shock mounted, solid state circuitry Polls for and displays status of all Remotes
Watertight cases Transmit and confirmation indicators
Long-life rechargeable NiMH batteries – 4 hr. charge Controls up to 8 Remotes
Programmable for leaky feeder & repeaters

REMOTE

SYSTEM BASICS Spring loaded terminal posts
Controller, 1 to 8 Remotes, Antennas, 0 Voltage on posts until “Fire”
Battery chargers, Shock Tube tips Uses replaceable 200 shot spark tip &
Electronic Keys standard 1/8” shock tube

GENERAL Operating Temperature -30°C to +60°C**
Carrier Frequency VHF – 136 to 174 MHz, UHF – 440 to 470 MHz -220F to +1400F
FCC Type Accepted <freq diff 1300 Hz (+ 650)>
**Optimum battery range 0°C to 50°C

CONTROLLER

Frequency Stability + 5 ppm VHF
+ 3 ppm UHF
Modulation 11K0F3D (AFSK)
Transmit Power 1 – 5 Watts
Operating Voltage 12 VDC
Transmission Range 1 – 5 miles**
Receiver Sensitivity 12 dB SINAD:<0.45uV
Size (in) 10W x 12D x 4.5H
Size (cm) 25.5W x 30.5D x 11.5H
Weight 6.5 lbs.
Weight 3.0 kg
Case Waterproof Pelican 1200
Color Yellow
Battery Pack Rechargeable NiMH
Battery Life
Standby 12+ hours
Complete Recharge 4 hours
Current Draw
Standby 135 mA
Transmitting 1 – 2 Amps
** *Line-of-sight. Typical transmission range based on power level, frequency, terrain, and local interference.*

REMOTE

Frequency Stability + 5 ppm VHF
+ 3 ppm UHF
Modulation 11K0F3D (AFSK)
Transmit Power 1 – 5 Watts
Operating Voltage 12 VDC
Transmission Range 1 – 5 miles**
Receiver Sensitivity 12 dB SINAD:<0.45uV
Size (in) 10W x 12D x 4.5H
Size (cm) 25.5W x 30.5D x 11.5H
Weight 7.25 lbs.
Weight 3.3 kg
Case Waterproof Pelican 1200
Color Orange
Battery Pack Rechargeable NiMH
Battery Life
Standby 12+ hours
Complete Recharge 4 hours
Current Draw
Standby 100 mA
Transmitting 1 – 2 Amps
Fire Output (Electric) 27 Volts (1.2 joules)
Fire Output (Non-electric) 2.5 kV (0.625 joules)