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1674 High Energy Remote Firing Device

SIMPLE, SMALL AND LOW COST!!!

The **1674 High Energy Remote Firing Device** is our simplest, smallest and least expensive model. It provides enhanced reliability and degree of safety over the previous models, yet offers the same two-way communication range (LOS), fast operation and rechargeable batteries. The 1674 High Energy system includes features such as a waterproof/submersible case, 16 hr. run-time on a full charge, the capability of firing up to two remotes and provides extra bright LEDs for visibility in sunlight.

Single output fires shock tube & electric blasting caps.
Compatible for use with our 1670 and 1673 model RFD Controllers.



- SURFACE MINING
- CONSTRUCTION
- DEMOLITION
- FORESTRY
- LAW ENFORCEMENT

- *Timed automatic disarming
- *Optional remote keys
- *Sequential Firing Option
- *Remote battery monitoring
- *Excellent temperature Range
- *Shock Tube & Electric

The 1674's radio system's signal is digitally encoded (addressed). The latest microprocessor and message encoding/validation technology has been combined to provide a **SAFE, RUGGED** and **RELIABLE** Remote Firing Device (RFD).

MODEL 1674 REMOTE FIRING DEVICE

STANDARD FEATURES & FUNCTIONS

GENERAL

CARRIER FREQUENCY: VHF 142-174 MHz
FCC VHF: RXUSD-171E
IC VHF: 153B-SD171E
CARRIER FREQUENCY: UHF 450-490 MHz
FCC UHF: RXUSD-174E
IC UHF: 153B-SD174E

Max. Operating Temp** -22 to 140°F (-30 to 60°C)
Rec. Operating Temp** 23 to 122°F (-5 to 50°C)
Storage Temp** -4 to 86°F (-20 to 30°C)
Charge Temp 32 to 86°F (0 to 30°C)

CONTROLLER

FREQUENCY STABILITY ±5 PPM
MODULATION 11K0F3D
TRANSMIT POWER 1-5 Watts
OPERATING VOLTAGE 12 VDC
TRANSMISSION RANGE 2-4 Km (1-2 miles*)
RECEIVER SENSITIVITY 12 dB SINAD
< 0.30µV
SIZE 9.25 x 7.5 x 4.5 in
23.5 x 19 x 11.5 cm
WEIGHT 6 lbs
2.7 kg
CASE Sealed Pelican
COLOR Yellow
BATTERY PACK Rechargeable NiMH
BATTERY RUN TIME AT 68°F (20°C)
Standby 16 hours
Complete Recharge 3 hours
CURRENT DRAW
Standby 90 mA
Transmitting 1-2.5 Amps

HIGH ENERGY REMOTE

FREQUENCY STABILITY ±5 PPM
MODULATION 11K0F3D
TRANSMIT POWER 1 Watt
OPERATING VOLTAGE 12 VDC
TRANSMISSION RANGE 2-4 Km (1-2 miles*)
RECEIVER SENSITIVITY 12 dB SINAD
< 0.30µV
SIZE 9.25 x 7.5 x 4.5 in
23.5 x 19 x 11.5 cm
WEIGHT 6.25 lbs
2.8 kg
CASE Sealed Pelican
COLOR Orange
BATTERY PACK Rechargeable NiMH
BATTERY RUN TIME AT 68°F (20°C)
Standby 18 hours
Complete Recharge 3 hours
CURRENT DRAW
Standby 80 mA
Transmitting 1-2.5 Amp
FIRE OUTPUT (HE) 380V (13 Joules)
10.4 Joules Minimum
REMOTE FIRE CAPACITY
80 Caps or 3mm shock tube
(175Ω Maximum Resistance)

NOTES:

*Line-of-sight. Typical transmission range based on transmit power, frequency, terrain, and local interference.

**Exceeding the temperature range may result in reduced battery life or damage to battery.

Each remote comes included with:

(50)E600-200-00 High Voltage Shock Tube Igniters, (1)167308 Test Light, antenna and battery charger.

WARRANTY The 1674 Remote Firing Device is guaranteed for 2 years (batteries - 1 year, spark tips excluded) against defects in workmanship and materials. If the equipment should fail during this period, we will repair it at our factory or at the nearest authorized service facility. Warranty service on this equipment must be performed only by an authorized dealer. Unauthorized service procedures or parts will void and cancel your warranty, and may cause radio equipment to fail, resulting in accidents and/or personal injury. This is a limited warranty and is given in place of legally implied warranties of merchantability and fitness for a particular purpose. Our liability is expressly limited to the cost of repair or replacement of the RFD under this guarantee and does not extend to additional or consequential damages resulting from the operation of equipment.

