

# User Quick Start for Model 1703MO-1



## FEATURES

- Mode Button
- Light Button
- Large Display
- Cradle / Vehicle Charger
- IR Port
- Belt Clip

## Display Indication

- Vibration Alarm Indication
- Sound/Audible Alarm Indication
- Dose Rate or Total Dose
- Proximity to Dose Rate Alarm Thresholds # 1 and # 2



Use a screwdriver to install or remove the belt clip

- Use Belt Clip to Lock
- Confirm 2 Charging Pins Make Contact
- Use Only Rechargeable Battery
- Install on Vehicle Dash in Convenient Location



### Basic Power-Up

- Unscrew Battery Compartment
- Insert Battery (+) Side First
- Replace Battery Cover
- Check Display for Self Test (all Symbols lit)
- Wait 1 Minute for Self Test and Calibration

### Mode

- After Power Up, Unit will Default to Search Mode
- From Search Mode, options are:
  - Measurement Mode
  - Dose Indication Mode
  - Setup

### Warnings

- Messages on Display
  - tSt - self test
  - CAL - auto calibration
  - OL - detector overload, move back
  - oFF - power Off (requires software communication, can not be done with buttons)
  - Blinking h (alarm activity stored but not transferred to PC)
  - Blinking S - Search Mode is on

### Memory

- 1703MO-1 Stores in Memory:
  - Dose Absorption (DE)
  - Time Elapsed Relative to DE Measurement
  - Thresholds for Alarms
  - History Files on Dose Rates and Absorbed Dose

### Measurement Mode

- Unit Continues to Record:
  - Dose Rate Level (DER)
  - Accumulated Dose Absorption (DE)
  - Time Elapsed with Respect to DE

Used in remediation, clean up, follow up to an event, or in setting up perimeters

# Manager Quick Start for Model 1703MO-1

## Manager Utilities

- Supervisor May:
  - Adjust Alarm Thresholds
  - Reset Absorbed Dose and Related Time Elapsed
  - Modify Audible Settings (on / off)
  - Permit or Disable Modes of Operation (Search, Measurement, Dose Indication, Communication to PC, etc.)

## Manager Set Up

- To Modify Thresholds for Alarm, use Mode and Light Buttons
  - Hold Light Button for 5 seconds
  - Cycle to Alarm 1 or 2 (press Light Button)
  - Cycle to Parameter to Change (units, values, decimal place) using Light button
  - Change Values using Mode button (press to increment)

### Display Readout – Digital Reading with Autoscaling Units + Bar Indication

- Figure 1 – First Alarm Threshold Exceeded (5 Bars at bottom), note mR/h
- Figure 2 – Second Alarm Threshold Exceeded (14 Bars at bottom), note R/h

## Advanced Set Up

Ir = Infra Red Mode

- Use IR Communication to:
  - Enable / Disable modes altogether
  - Download History to PC
  - Modify what Functionality User can Access
- Develop Operational Protocols for User Group
- N - Coefficient (Adjust Sensitivity)

### Troubleshooting

- Battery Replacement (solves most issues)
- Discharge of Circuit (allow to stand with no battery for 1-2 minutes)