

# Photoelectric Smoke & Fire Alarm

## 120 Volt AC Hardwired with Battery Backup

### Model MP117



Perfect for new or replacement installations, this 120 volt AC/DC hardwired smoke and fire alarm offers time-saving installation features, value and quality. This alarm is fully interconnectable with all USI and Universal brand alarms.

#### Features

- Microprocessor intelligence provides
- Auto sensitivity calibration
- Self-diagnostic feature
- Ambient condition compensation
- Quick Find® alarm origination
- Product end-of-service life warning
- Interconnectable
- Quick activation battery pull tab
- Universal mounting bracket
- Quick connect wiring harness
- Larger mounting base
- Single silence/test button
- Full-size plastic dust cover
- 2 tamper resistant locking features

#### Benefits

- Superior nuisance alarm resistance*
- Eliminates sensitivity inconsistencies during production which may lead to nuisance alarms*
- Performs a status check at power up to ensure alarm is functioning properly*
- Automatically adjusts sensitivity for changes in temperature and humidity, reducing nuisance alarms*
- Patented feature easily identifies first alarm to sound in an interconnected system*
- Sounds when it is time to replace the alarm approximately 10 years from the date of activation*
- With all USI and Universal brand 120V alarm using existing wiring & mounting*
- Preserve battery life. Preinstalled battery is quickly activated without removing alarm from bracket*
- Fits any standard wiring junction box, single gang, round or octagon, up to 4"*
- Longer 8" pigtail wires are pre-stripped*
- Covers drywall imperfections and old paint marks*
- Temporarily quiets nonemergency alarms and tests alarm functionality*
- Protects alarm from dust, debris and painting during construction or home remodeling*
- Prevents unauthorized removal of alarm and battery*

#### Technical Specifications

Sensor Type:	Photoelectric
Primary Power:	120 Volt AC 60Hz
Battery Backup:	9 Volt battery
Audible Alarm:	85 dB at 10 feet
Temperature Range:	40° F to 100° F (4° C to 38° C)
Humidity Range:	5% to 95% RH
Interconnect:	Maximum 24 USI/Universal devices
LED:	Green=AC power, Red=alarm
Size:	5.63" x 5.63" x 1.75"
Warranty:	10 year limited

#### Regulatory Compliance:

- Underwriters Laboratories (UL-US)
- Underwriters Laboratories Canada (ULC)
- California State Fire Marshal (CSFM)
- National Fire Protection Association (NFPA)
- Housing and Urban Development (HUD)
- Federal Housing Authority (FHA)
- UTGT / UTHA



Box	MODEL	BRAND	Clam	QTY	SHELF PACK (in.)	WEIGHT	UPC CODE	QTY	MASTER CTN (in.)	WEIGHT	I2 of 5
					L x W x H	(Lbs.)			L x W x H	(Lbs.)	
	MP117	USI	BX	1	5.75 x 5.75 x 1.75	0.57	0-42741-00117-5	6	12.00 x 12.00 x 6.13	7.89	1-00-42741-00117-2



**Corporate Office**  
 11407 Cronhill Dr., Suite A, Owings Mills, MD 21117  
**Phone:** 800.390.4321  
**Fax:** 410.363.2218  
**Web:** www.UniversalSecurity.com www.UsiElectric.com

