

ATP570

PIR + Microwave Detector

MOUNTING & OPERATING MANUAL



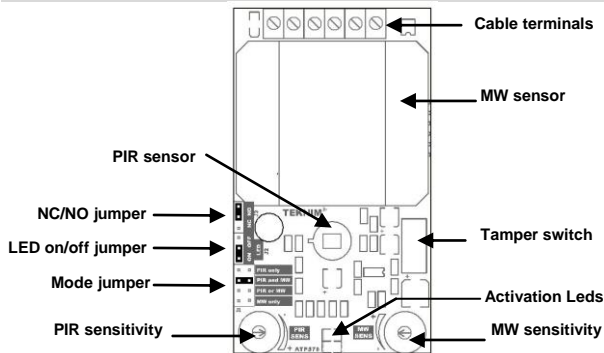
Issue Date: 04/12/2013

TECHNICAL SPECIFICATIONS*

Infrared Sensor	Dual element, phyroelectric, digital
Microwave Sensor	DRO, patch antenna, 10.525 GHz
Power Supply	8 – 18V DC, 20mA
Alarm Output	NC or NO 30VDC, 0.2A maks.
RFI Immunity	Ave. 20V/m (10~2000 MHz)
Tamper switch	N.C (Front cover open activated)
Activation LED	Three colour, can be disable.
Detectable speed	0.3 ~ 1.5m/saniye
Mounting Height	2.1 ~ 3.6m
Humidity	95% RH (max)
Op. Temperature	-20°C ~ 45°C (-4°F ~ 113°F)
Dimensions	108 x 63 x 50 mm
Weight	90g
Alarm Period	3 sec.

* Can be changed by manufacturer without notification.

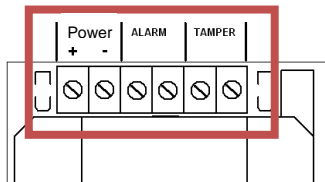
LAYOUT



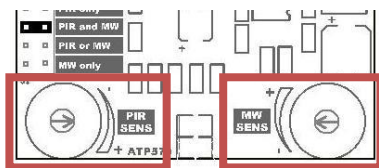
Warning: Do not touch to the Infrared sensor.

CABLE CONNECTIONS

POWER : 8 ~ 18 VDC power supply
ALARM : Control panel zone input (N.C)
TAMPER : Control panel 24 hours NC input



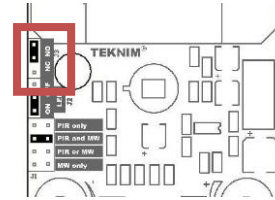
SENSITIVITY SETTING



MW and PIR sensor sensitivity setting: turn it to + direction

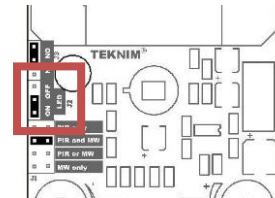
for high sensitivity and - direction for low sensitivity.

NC/NO JUMPER



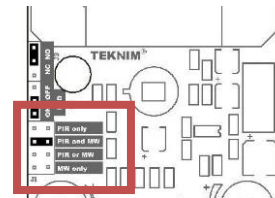
Changes the output polarity of alarm output.

DISABLING LED



If you prefer the not to indicate the sensing status, put this jumper to OFF position.

WORKING MODE



There are different working options explains as below:

- PIR only: Only PIR section of the detector operable.
- PIR and MW: Output changes the status only both sensors detecting movement.
- PIR or MW: Output changes the status either PIR or MW sensor detecting movement.
- MW only: Only MW section of the detector operable.

ACTIVATION LED

The meaning of the activation led as followed:

Colour	Meaning
Continuous RED	Alarm
Continuous GREEN	Only MW sensor is detecting
Continuous YELLOW	Only PIR sensor is detecting
Off	No Detection

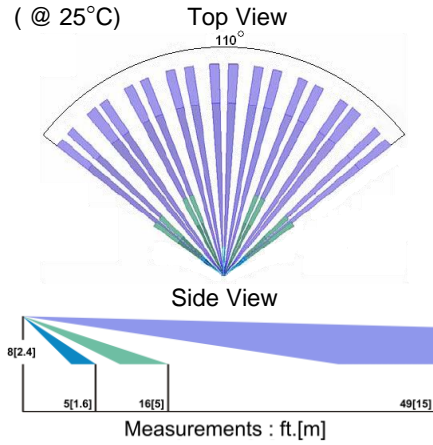
WARNINGS

1. Do not expose the detector to direct or reflected light.
2. Be sure that there is nothing which prevent detectors view angle.
3. Do not mount the detector next to the devices which cause to instantaneous temperature alternation.
4. Mount the detector recommended height and to the strong surface.

5. Please note that PIR detector is more sensitive to horizontal movements. However, MW sensor is more sensitive to vertical movements.
6. Do not touch PIR sensor. If needed to clean, use cotton with alcohol.

DETECTION AREA

110° 15m (@ 25°C)



MALFUNCTIONS THAT REQUIRE TECHNICAL SERVICE

In case of any malfunction or below conditions contact with your authorized service,

- ✓ When Mains cable or the plug is harmed,
- ✓ Contact of device with a fluid,
- ✓ Exposure of rain and water,
- ✓ Fell down of device or harmed outer cover,
- ✓ Serious performance fall on the device,
- ✓ Depending on the instructions stated in manual, if your device not working properly, further usage or possible wrong usage may cause other malfunctions . Contact with your authorized service in such terms.

MANUFACTURER

Bilgi Elektronik A.Ş.

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Sales: sales@bilgielektronik.com.tr Technical Support: support@bilgielektronik.com.tr

SPARE PART

If the repair will be done by spare parts, to avoid fire, electricity shock or any other hazardous conditions, Make sure your service is using original parts or parts compatible with your equipment.

SAFETY CHECK

To make sure if your device working properly and in safe conditions or not, demand service from your dealer to check device functionality.

TRANSPORTATION

Device must be carefully transported avoiding all physical bump, stroke and possible fluid entry. Malfunctions that caused by improper transportation is not under warranty.

HUMAN AND NATURE CONDITION

This device contains no chemical or biological elements that could harm human condition.

MAINTENANCE ON YOUR OWN

Do not try to fix the device on your own removal of cover may end up with electricity shock.

In case of any defect or malfunction, contact with your dealer or with authorized service. All the technical interventions has to be done by technicians of service company. Device must be cleaned up with a dry fabric. No-chemicals are allowed for cleaning.

