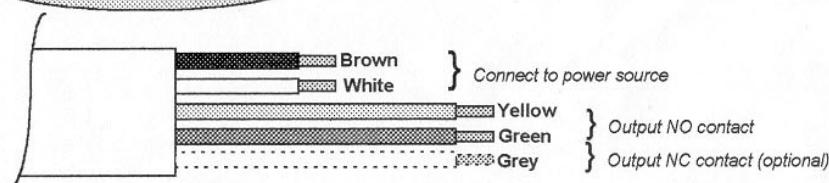


# Model BB100

## Automatic Door Activator

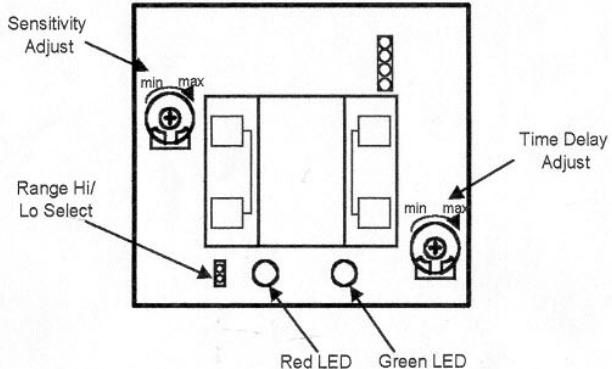
### Wires Connection



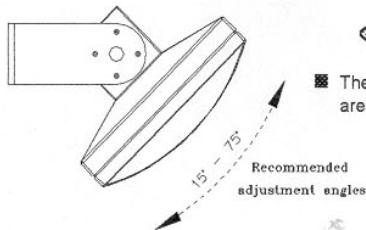
### Adjustment Procedure

- Remove the unit's front cover by pressing on the catch with a coin.

#### Front View



■ Green LED	to indicate Power ON
■ Red LED	to indicate motion detected
■ Range Hi/Lo Select	pins opened - Low Range pins shorted - High Range
■ Sensitivity Adjust	fine adjustment of the detection range
■ Time Delay Adjust	adjustable from 1 to 5 seconds

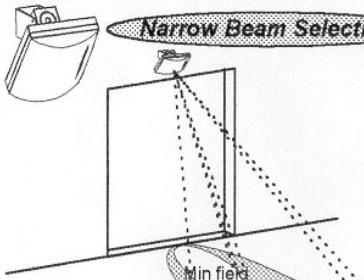


### Angles Adjustment

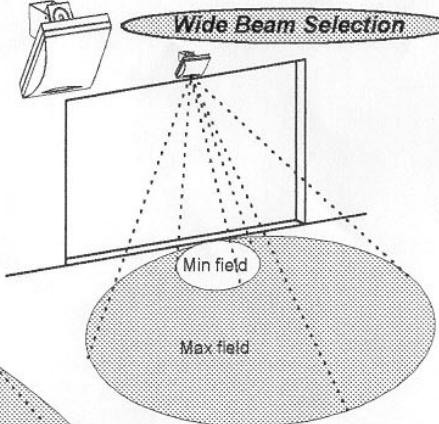
- The angles of activator will affect the coverage area as well as the range of detection.

### Radar Motion Detector

#### Narrow Beam Selection



#### Wide Beam Selection



### Positioning Direction

- Install the activator on a rigid smooth surfaces not affected by vibrations at the height of 2m to 2.3m.
- Avoid orienting the sensor facing fluorescent lamps or to set it as least 2m away from them.

### Technical Detail

Frequency	10.525GHz	
Detection Pattern	Selections of wide or narrow beam	
Detection Angle	Adjustable; 15° to 75° in 15° increments	
Detection Range	Wide Beam	Narrow Beam
	Range	0.6m-4 m
	Width	0.6m-3m
Max. Mounting Height	3.0m from flat ground	
Input Power	9 ~ 24Vdc or 10 ~ 24Vac	
Output Contact	Form A, rated at 1A (Form C optional)	
Current Draw (Typical)	15mA relay OFF / 100mA relay ON	
Operating Temperature	-20°C ~ +55°C (-4°F ~ +131°F)	
Hold Time	Adjustable(Trimmer); 1 ~ 5 seconds	
Accessories	2m length cables, 1 set of mounting bracket with bolt & nut and mounting screws for casing	

This device complies with Part 15 of the FCC Rules

OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRABLE OPERATION IF THE DEVICE.  
PRIVACY OF COMMUNICATIONS MAY NOT BE ENSURED WHEN USING THIS DEVICE.