AV-200 Installation Instructions

1. The AV-200 has the capability of being mounted in various locations: ceilings, above the door jamb, and side mounting. For best results this unit should be positioned on the ceiling 1 foot in from the door and pointing down towards the door threshold. Avoid placing the AV-200 motion detector near heating or air conditioning ducts and direct sunlight.

2. Once the location has been determined it is important to always remember to mount the AV-200 motion detector with the terminal screws facing the direction in which people will travel (see illustration A). It does not matter whether the terminal screws are pointing towards the inside or the outside of your facility as long as they do not point sideways

3. When wiring this unit, do not plug in the transformer until all your wire is in place. Use 22 gauge bell or speaker wire. Strip the connecting wire about 1/4" from the ends to prevent long strands from touching each other and shorting out the system. **This is a DC system and polarity is important!**

4. Wire the AV-200 motion detector as shown on the back side of the unit, with both wires from the speaker going to the speaker terminal screws (labeled SPKR - Polarity is <u>NOT</u> important). Wire the transformer as shown on the back of the transformer and motion sensor to match + and - (Polarity <u>IS</u> important). When adding buzzer, see illustration below (Polarity <u>IS</u> important). Red wire is positive (+) and black is negative (-).

5. When the unit installation is complete, with the detector and speaker in place, proceed to plug in the transformer. When you hear the speaker go off, wait 5 seconds. The system will energize itself and be ready for use. A three second delay after each detection is a feature to prevent multiple rings when a group of people walk in together.

6. Remove cover at coin insert in seam to access volume control thumb wheel and tone jumper cap (Tone A/B). Cap covers two prongs for "Ding Dong" and one for "Ding".

Direction of Motion

AV-200 Motion Detector

Optional 2nd Speaker

Speaker

Buzzer

Transformer

AV-200 Motion Detector