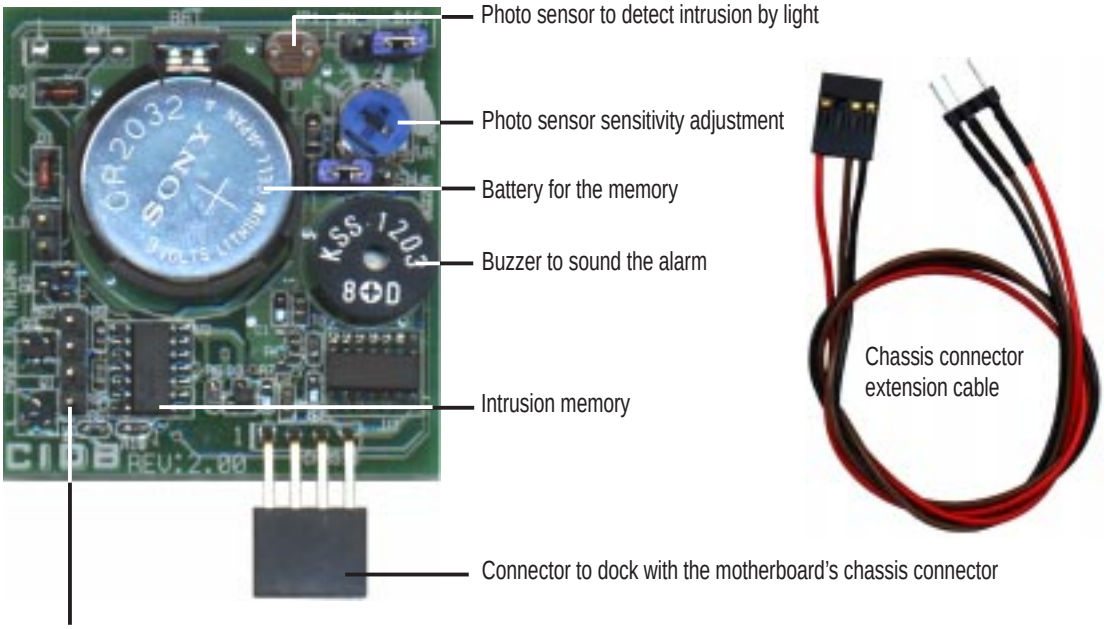
ASUS CIDB Chassis Sensor

The optional ASUS CIDB is a module for providing audio alarm and logging when there is an intrusion into the chassis of a computer system. The module detects a chassis intrusion by either light striking its photo sensor or by contact when its switch connectors are shorted by chassis-mounted momentary toggle switches. An intrusion memory function allows detection by BIOS and LDCM v3.3 on the next bootup.



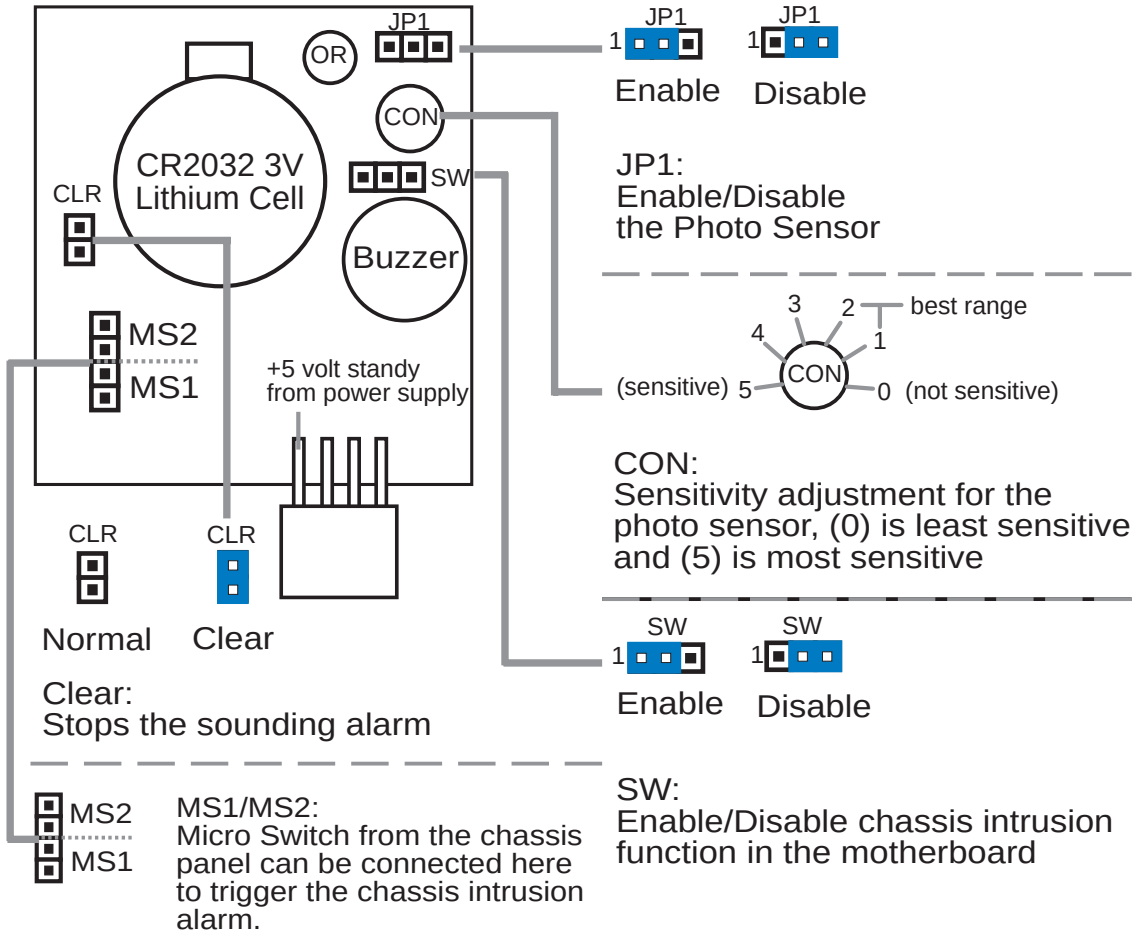
Using the ASUS CIDB

1. You must have an ASUS motherboard with a chassis connector. Motherboards with intrusion components such as P2B-L(S), P2B-D(S), and P2B-D2 require additional considerations (See reverse side.)
2. Connect the CIDB directly to the chassis connector or use the provided extension cable and mount the CIDB to the chassis using a double-sided foam adhesive tape.

CAUTION! The CIDB component pins and metallic points must not come in contact with another metallic surface or else shorting will occur!

3. Check the hardware settings:
   - JP1 jumper should be enabled to use the photo sensor
   - MS1 and MS2 connectors should be connected to momentary toggle switches mounted on the chassis to use the contact method for triggering alarms.
   - SW jumper should be enabled to allow the hardware monitoring components to receive signals from the CIDB.
3. To stop the alarm from sounding, use the LDCM v3.3 software or place a jumper on (or short manually) the CLR jumper momentarily.
4. If you have an updated BIOS with intrusion support. Booting the computer after an intrusion will require a password which is configured through BIOS.

Setting up the ASUS CIDB



ASUS CIDB Additional Considerations

1. All motherboards with CIDB: If there is no power to the motheboard (i.e. removing the power cord or turning the power supply's switch off) the alarm will not sound but the CIDB will still memorize an intrusion event which BIOS and LDCM will detect on the next bootup.
2. Motherboard with chassis intrusion components: Photo sensor, switch, and memory will not operate with power removed. Power is required to send a signal to the motherboard's intrusion memory and buzzer. When using the CIDB on these motherboards, all the CIDB functions will be disabled, the motherboard's intrusion components must still be used. The CIDB can benefit these motherboards by providing a chassis switch which will operate even when the power is removed. Pins [2-3] of the SW jumper can be used for a momentary toggle switch and the CIDB's battery will be used to send an intrusion signal to the motherboard's intrusion memory.
3. The P2B-LS motherboard must use an external battery pack on the EXTBATT connector or else neither the alarm or intrusion memory functions will work.