

## 1: Home Sensors & Motion Detectors | eBay

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Program Title screen in the original theatrical trailer Fantasia opens with live action scenes of members of an orchestra gathering against a blue background and tuning their instruments in half-light, half-shadow. Master of ceremonies Deems Taylor enters the stage also in half-light, half-shadow and introduces the program. Live-action shots of the orchestra illuminated in blue and gold, backed by superimposed shadows, fade into abstract patterns. Animated lines, shapes and cloud formations reflect the sound and rhythms of the music. Selections from the ballet suite underscore scenes depicting the changing of the seasons from summer to autumn to winter. The orchestra musicians depart and the Fantasia title card is revealed. After the intermission there is a brief jam session of jazz music led by a clarinetist as the orchestra members return. Then a humorously stylized demonstration of how sound is rendered on film is shown. An animated sound track "character", initially a straight white line, changes into different shapes and colors based on the sounds played. A gathering for a festival to honor Bacchus, the god of wine, is interrupted by Zeus, who creates a storm and directs Vulcan to forge lightning bolts for him to throw at the attendees. A comic ballet in four sections: Madame Upanova and her ostriches Morning; Hyacinth Hippo and her servants Afternoon; Elephanchine and her bubble-blowing elephant troupe Evening; and Ben Ali Gator and his troop of alligators Night. The finale finds all of the characters dancing together until their palace collapses. At midnight the devil Chernabog awakes and summons evil spirits and restless souls from their graves to Bald Mountain. The spirits dance and fly through the air until driven back by the sound of an Angelus bell as night fades into dawn. A chorus is heard singing Ave Maria as a line of robed monks is depicted walking with lighted torches through a forest and into the ruins of a cathedral. Stokowski recalled that he did "like the music"; was happy to collaborate on the project, and offered to conduct the piece at no cost. In writing to Disney, he reported that Stokowski was "really serious in his offer to do the music for nothing. He had some very interesting ideas on instrumental coloring, which would be perfect for an animation medium". The union of Stokowski and his music, together with the best of our medium, would be the means of a success and should lead to a new style of motion picture presentation. An agreement signed by Disney and Stokowski on December 16, 1934, allowed the conductor to "select and employ a complete symphony orchestra" for the recording. It began at midnight on January 9, 1935, and lasted for three hours using eighty-five Hollywood musicians. He said, "because of its very experimental and unprecedented nature This was the birth of a new concept, a group of separate numbersâ€”regardless of their running timeâ€”put together in a single presentation. It turned out to be a concertâ€”something novel and of high quality. Both had heard composer and music critic Deems Taylor provide intermission commentary during radio broadcasts of the New York Philharmonic, and agreed he would be most suitable for the role. Disney made story writers Joe Grant and Dick Huemer gather a preliminary selection of music and along with Stokowski, Taylor, and the heads of various departments, discussed their ideas. As selections were considered, a recording of the piece was located and played back at the next gathering. It would be perfect for prehistoric animals. There would be something terrific in dinosaurs, flying lizards, and prehistoric monsters. There could be beauty in the settings. Its opening march, "The Entry of the Little Fauns", attracted Disney to the piece which at first provided suitable depictions of fauns he wanted. Stuart Buchanan then held a contest at the studio for a title that produced almost 1,000 suggestions including Bach to Stravinsky and Bach and Highbrowski by Stokowski. The different pieces of film were then spliced together to form a complete print. He explained the work done in the Toccata and Fugue was "no sudden idea Upon review of three leica reels produced by the two, Disney rejected all three. According to Huemer all Fishinger "did was little triangles and designs Too dinky, Walt said. Feeling his designs were too abstract for a mass audience, [14] Fishinger left the studio in apparent despair, before the segment was completed, in October 1934 He drew with a music score pinned to his desk to work out the choreography so he could relate the action to the melody and the counterpoint, "those

nasty little notes underneath An Arabian dancer was also brought in to study the movements for the goldfish in Arab Dance. In the making of The Pastoral Symphony Greek mythological segment, the female centaurs were originally drawn bare-breasted, but the Hays office enforcing the Motion Picture Production Code insisted that they discreetly hung garlands around the necks. Disney then gave Hench season tickets to the Ballet Russe de Monte Carlo with backstage access so he could learn more about it. As animator Bill Tytla disliked the results, he used colleague Wilfred Jackson to pose shirtless which gave him the images he needed. Disney wanted to experiment in more sophisticated sound recording and reproduction techniques for Fantasia. We wanted to reproduce such beautiful masterpieces The stage was altered acoustically with double plywood semi-circular partitions that separated the orchestra into five sections to increase reverberation. Each one represented an audio channel that focused on a different section of instruments: The seventh channel was a combination of the first six while the eighth provided an overall sound of the orchestra at a distance. Fantasound The Disney brothers contacted David Sarnoff of RCA regarding the manufacture of a new system that would "create the illusion that the actual symphony orchestra is playing in the theater. With one containing the picture film with a mono soundtrack for backup purposes, the other ran a sound film that was mixed from the nine tracks recorded at the Academy to four: For this, a tone-operated gain-adjusting device was built to control the levels of each of the three audio tracks through the amplifiers. Mixing of the soundtrack required six people to operate the various pan pots in real time, while Stokowski directed each level and pan change which was marked on his musical score. To monitor recording levels, Disney used oscilloscopes with color differentiation to minimize eye fatigue. RKO balked at the idea of distributing Fantasia, which it described as a "longhair musical", [70] and believed its duration of two hours and five minutes plus intermission was too long for a general release. A total of thirteen roadshows were held across the United States; each involving two daily screenings with seat reservations booked in advance at higher prices and a fifteen-minute intermission. Patrons were taken to their seats by staff hired and trained by Disney, [74] and were given a program booklet illustrated by Gyo Fujikawa. He gave in as the studio needed as much income as possible to remedy its finances, but refused to cut it himself, "You can get anybody you want to edit it Its running time was restored to one hour and fifty-five minutes. This edit would be the standard form for subsequent re-releases, and was the basis for the restoration. I had Fantasia set for a wide screen. I had dimensional sound To get that wide screen I had the projector running sideways I had the double frame. The compromise was that it finally went out standard with dimensional sound. Using the remaining Fantasound system at the studio, a three-track stereo copy was transferred across noise-free telephone wires onto magnetic film at an RCA facility in Hollywood. This was achieved by placing the cues that controlled the mechanism on a separate track in addition to the three audio channels. Only selected parts of the animation were stretched, while all live action scenes remained unchanged. Its running time was fifty-six seconds longer than the previous issue which is unexplained. Fantasia was issued on a regular basis, typically for exhibition in art houses in college towns, until the mids. It had not been removed earlier as the credit sequence would have required to be re-shot. The new recording also corrected a two-frame lag in projection caused by the recording techniques used in the s. The film underwent a two-year restoration process which began after a six-month search to piece together the original negatives that had been in storage since This marked the first time since then that a release of the film had been processed from the original and not from a copy. This was also the case for The Pastoral Symphony, forcing the lab to use duplicate film. In the United States, it debuted the Billboard chart at number , its peak position, for the week of November 17, In January , it was certified platinum for sales in excess of one million copies. The day release prompted 9. The "Deluxe Edition" package included the film, a "making of" feature, a commemorative lithograph , a page booklet, a two-disc soundtrack of the Stokowski score and a certificate of authenticity signed by Roy E. Disney , the nephew of Walt. The films were issued both separately and in a three-disc set called The Fantasia Anthology. A variety of bonus features were included in the bonus disc, The Fantasia Legacy. Fantasia was withdrawn from release and returned to the " Disney Vault " moratorium on April 30, Fantasia garnered significant critical acclaim at the time of release and was seen by some critics as a masterpiece. He stated that Fantasia was "caviar to the general, ambrosia and nectar for the intelligentsia" and considered the film to be "courageous beyond belief". Fantasia dumps conventional formulas overboard and

reveals the scope of films for imaginative excursion

## 2: enMotion® Dispensers | GP Professional

*Shine light where you need it - tilt back-and-forth and swivel degrees for the perfect amount of light. AUTOMATIC TURN-OFF Atomic Angel™ turns on with motion activation, and turns off automatically after 30 seconds.*

Operating principles[ edit ] All objects with a temperature above absolute zero emit heat energy in the form of radiation. The term passive in this instance refers to the fact that PIR devices do not generate or radiate energy for detection purposes. They work entirely by detecting infrared radiation emitted by or reflected from objects. They do not detect or measure "heat". Please help improve this section by adding citations to reliable sources. Unsourced material may be challenged and removed. At the core of a PIR sensor is a solid state sensor or set of sensors, made from pyroelectric materials—materials which generate energy when exposed to heat. Materials commonly used in PIR sensors include gallium nitride GaN , caesium nitrate CsNO<sub>3</sub> , polyvinyl fluorides , derivatives of phenylpyridine , and cobalt phthalocyanine. The sensor is often manufactured as part of an integrated circuit. An indoor light switch equipped with PIR-based occupancy sensor [3] A PIR-based motion detector is used to sense movement of people, animals, or other objects. They are commonly used in burglar alarms and automatically-activated lighting systems. Operation[ edit ] An individual PIR sensor detects changes in the amount of infrared radiation impinging upon it, which varies depending on the temperature and surface characteristics of the objects in front of the sensor. The sensor converts the resulting change in the incoming infrared radiation into a change in the output voltage, and this triggers the detection. Objects of similar temperature but different surface characteristics may also have a different infrared emission pattern, and thus moving them with respect to the background may trigger the detector as well. The most common models have numerous Fresnel lenses or mirror segments, an effective range of about ten meters thirty feet , and a field of view less than degrees. Models with wider fields of view, including degrees, are available—typically designed to mount on a ceiling. Some larger PIRs are made with single segment mirrors and can sense changes in infrared energy over thirty meters one hundred feet away from the PIR. Differential detection[ edit ] Pairs of sensor elements may be wired as opposite inputs to a differential amplifier. In such a configuration, the PIR measurements cancel each other so that the average temperature of the field of view is removed from the electrical signal; an increase of IR energy across the entire sensor is self-cancelling and will not trigger the device. This allows the device to resist false indications of change in the event of being exposed to brief flashes of light or field-wide illumination. Continuous high energy exposure may still be able to saturate the sensor materials and render the sensor unable to register further information. At the same time, this differential arrangement minimizes common-mode interference , allowing the device to resist triggering due to nearby electric fields. However, a differential pair of sensors cannot measure temperature in this configuration, and therefore is only useful for motion detection. Practical Implementation[ edit ] When a PIR sensor is configured in a differential mode, it specifically becomes applicable as a motion detector device. In this mode when a human movement is detected within the "line of sight" of the PIR sensor, a pair of complementary pulses [5] are processed at the output pin of the PIR sensor. In order to implement this output signal for a practical triggering of a load such as a relay or a data logger , or an alarm , the differential signal is rectified using a bridge rectifier and fed to a transistorized relay driver circuit. The contacts of this relay close and open in response to the signals from the PIR, activating the attached load across its contacts, acknowledging the detection of a human being within the predetermined restricted area. Product design[ edit ] The PIR sensor is typically mounted on a printed circuit board containing the necessary electronics required to interpret the signals from the sensor itself. The complete assembly is usually contained within a housing, mounted in a location where the sensor can cover area to be monitored. PIR motion sensor design The housing will usually have a plastic "window" through which the infrared energy can enter. Despite often being only translucent to visible light, infrared energy is able to reach the sensor through the window because the plastic used is transparent to infrared radiation. The plastic window reduces the chance of foreign objects dust, insects, etc. The window may be used as a filter, to limit the wavelengths to micrometres, which is closest to the infrared radiation emitted by humans. It may also serve as a focusing mechanism; see below.

### 3: Test Equipment | imatest

*Chapter Text "Who was the first person you killed?" Will's eyes were glassy and unseeing in the dim room as his body was languidly rocked back and forth, back and forth: Hannibal, beneath him on the old rocking chair, absently gentle, one hand on Will's hip, the other raining delicate brushes against the fuzz of Will's lower belly.*

Warning for a slight rewriting of the canon history of Hannibal Lecter to bring the timeline into sync with the modern setting of the show. Chapter Text "Who was the first person you killed? Whatever Will said, or asked now, he seemed distant to. The light had been restricted to one orange lamp in the corner, near but not right beside the lightly creaking piece of furniture bearing their weight. Physically, he was wrung out inside and out. His panicked escape attempt in the early hours of the morning bore marks all over his skin already. The cut to his temple was an angry shade of red and the apple of his cheek was bruising, his ankle now a mess. Emotionally he was on turbulent waters, even if on the outside he was feeling soothed and languid. No real damage had been done by the knife Will stuck into him but he could tell that the wound was hurting him all the same. Then the rocking continued. His voice actually startled Will. His endless questions were his way of filling the gap in discourse that had continued even as Hannibal had fed him though the day with all the fruits and sweets he had prepared, playing the role of a courting Alpha to perfection though Will naturally refused the meat. Hannibal pulled the blanket which was draped on the side of the chair up and over them both, drawing it close at the sides to cocoon them in a lazy huddle. Will relaxed as he felt Hannibal place light kisses to his temple. It was perverse, he knew. Will wanted to claim captor bonding was at work, or that years of isolation and loneliness had made him an easy target. Perhaps the blood bond had taken. Really all he knew was that somehow, here, in the arms of a brutal killer, he was at home. Mischa is the answer to many of them. He could sense that he had unlocked something. In acknowledging the child, their child, he had in a way accepted his part in the creation of what Hannibal seemed to desperately want. Merely, the answers delayed. The seventh in our line to bear the name. He was a Count, the head of an ancient and noble family. My mother was an Italian of the Visconti line whom he met while studying abroad. Father was a leading figure in the movement for Lithuanian independence which followed the war. He believed the wealth of our family, and our name, would protect him from the Red Army. I was seven when he was taken. My mother joined the movement in an effort to free him from the prisons. In time, she too was arrested. We were reunited in a labour camp in Siberia, taken as political prisoners. It was here that my sister, Mischa, was born. The winters were hard and food often scarce. We were not well liked by the other prisoners because of our former wealth. The soviet guards were cruel; men who had disgraced themselves in duty elsewhere and were sent there to be put out of the way. They were almost as trapped as we. One particularly hard month, with supplies blocked by extreme snow fall, a camp uprising occurred. My parents were fingered by the other prisoners and so therefore held responsible. They were shot dead. The guards appeared to take pity on Mischa and I, bringing us into their quarters, allowing us to eat with them. I learned the madness that hunger drives in men quickly when their meat dwindled. The camp commander, Vladis Grutas, slaughtered my sister for a broth. I ate it with them before I knew. The shock of discovering her baby teeth at the bottom of my bowl rendered me mute for many years. He just wanted Will to know. Though it took a long time, and I experienced many hardships, I eventually found my way back to Lithuania. My Uncle took me in and sent me to a boarding school in France. There, I was taught to draw as a means of expression, before I found my voice again. At sixteen, upon my return to Lithuania, my Uncle formally adopted me. By then, I was burning with a desire for revenge. I was young and angry. And so the first person I killed was Vladis Grutas. Then I killed every one of those men and ate their hearts. His fingers found the wetness of freely shed tears there. They descended into a thoughtful silence. Will still wanted to hate Hannibal, on behalf of the innocent lives he had destroyed, on behalf of Agent Jones, and Miriam Lass, and for the Will who had not wanted this bonding at all. All he could do was make a faithful promise, to himself, to do what was right when the time came, regardless of what he was feeling.

## 4: Motion Sensor Sound | eBay

*A motion sensor (or motion detector) is the linchpin of your security system, because it's the main device that detects when someone is in your home when they shouldn't be. A motion sensor uses one or multiple technologies to detect movement in an area.*

## 5: Maestro Occupancy/Vacancy Sensors Overview

*Today we learned a song to enhance our grammar skills. We first sang the American traditional song (from the 's), titled "A Tisket, A Tasket," and we talked about the rules for this playyard game (similar to "Duck, Duck, Goose").*

## 6: Fantasia ( film) - Wikipedia

*eBay determines this price through a machine learned model of the product's sale prices within the last 90 days.*

## 7: Solar Street Light

*Arduino with PIR Motion Sensor Rui Santos In this project we're going to create a simple circuit with an Arduino and PIR motion sensor that can detect movement. You can learn Arduino in*

## 8: Passive infrared sensor - Wikipedia

*Shop motion-sensor flood lights in the security & flood lights section of [www.enganchecubano.com](http://www.enganchecubano.com) Find quality motion-sensor flood lights online or in store.*

## 9: Mrs. Dufort's 3rd Grade Class: Music and Art

*The work has been featured in many films since its creation, the motion picture "Bolero" starring Carole Lombard, for example, in which the music plays an important role.*

*Reminiscences of the nehru age 88 Murdock, CIE, 293-297. When it seems like god doesnt care Tables of Data Tabellen der Daten (Numerical Data Functional Relationships in Science Technology) Tales of military life Mutant year zero gamesmaster screen Agency problems and goal conflicts Themistius and the Imperial Court Mark Twains Civil War III. Cooke S. Election sermon, 1770 Congregational way Welcome to the Planet! Anti-submarine warfare in World War I 1996 Wiley Expert Witness Update If i stay by gayle forman full book The Return of Heroic Failures Rebellion of 1815, generally known as Slachters Nek. Messages and meaning Decline of the secular university Neurological and psychological effects of cerebral injuries, by A. E. Walker and W. C. Halstead. Impaired thinking V. 2 Biographical essays. 1851. Tommy carries the ball Shadow play Stephanie Tyler. The Elements of Music Battles for independence The Affacombe affair The Gospel of Saint Luke in Anglo-Saxon V. 1. Research results, advancement model, and action proposals. Why worlds are made Therapeutic counseling and psychotherapy Catharine D. Hunt. Outline of the geology of Mexico 5. Frosted glass, changes that persist when changing the patient position, corresponding Magnetic effect of electric current class 12 notes Price, H. H. Belief and evidence. Sign wars: the cluttered landscape of advertising Eastern Exposition of the Gospel of Jesus According to St. John Being an Interpretation Thereof Market leader intermediate business english practice file XI The House of Defense 144*