

Model: PSAH-01A



As per safety norms, Workers working near conveyor belt should be made alert with clear and distinct sound before conveyor belt is started. The alarm should work for at least 30 seconds so that the workers near the belt should move to the safety place. This time can be increased depending upon the situations. This type of Pre-Start Alarm must be installed in every conveyer belt.

In our Pre-Start Alarm, we have used the audio as well as visual indicator for the night.

We hold the **ISO 9001:2015**, Quality Assurance Certificate for our product range.

WORKING OF THE PRE-START ALARM:

To start the conveyor belt first we have to switch 'ON' the Pre-start Alarm. This alarm will give HUMAN sound to alert the surrounding people for 30 seconds, after that this alarm will start the Conveyor Belt. In order to withstand hazardous mining working conditions total circuit is embedded in water proof solution which makes it water and dust proof and a foreign matter will not damage it. As far as visualization goes we have used cluster of focus type Red Light Emitting Diodes. This results in maximum intensity of red light. For audio, the horn type speakers of high quality which delivers sound of 120 dB are used, so that sound so loudly can easily be heard by anybody standing within the area of minimum 100 meters (500 meters) distance. The speakers are specially designed for mining condition are made robust, and completely dust and water proof.

TECHNICAL SPECIFICATION	
CIRCUITR	Solid State using IC's, Diodes, Transistors, Resistor, dust and water
CONTACTS	10 Amps. Which operate the starter of the Conveyor Belt.
VISUAL	Cluster of focus Red LED light having current consumption of 20 milli ampere and giving high illumination..
AUDIO	Speakers of 120 dB gain with output of 150 watts, horn type water proof and dust proof.
INPUT SUPPLY	Ideally 110, 230 & 550 V A.C., $\pm 10\%$ Please specify in the order clearly