

HARMAN UNVEILS MANUFACTURING FACILITY IN PUNE

Harman International (India) Pvt. Ltd., the premium audio and infotainment group, has announced the official launch and inauguration of its first manufacturing plant in India, located in the Chakan Industrial area in Pune. With a production capacity of 400,000 car sets per annum, this state-of-the-art facility will deliver cutting edge infotainment and audio solutions for its OEM partners in the country and will work closely with them to bring the 'connected car' experience to more people. The plant has been made operational in a record time of less than a year since the ground breaking ceremony.

In line with Prime Minister Narendra Modi's 'Make in India' vision, Harman places a large emphasis on localization, which allows it not only to customize solutions exclusively for the Indian market, but also optimize costs to meet the market requirements. A prime example of this is the TATA Zest, which is the first car on Indian roads to have an infotainment system designed by Harman in India.

"Harman's investment in this new manufacturing plant represents the potential we see in the India market and our long-term commitment to our local partners," said Dinesh C. Paliwal, Harman Chairman, President and CEO. He further added, "Consumers are demanding greater connectivity, from the car to the home to the enterprise and

everywhere in between. Harman technologies drive this seamless connectivity, designing acoustics and infotainment systems that enhance the driving experience and enable greater safety and security on the road. We are excited to expand our presence in India and eager to tap into the tremendous engineering, production and design talent in country to help Harman develop next generation automotive solutions that benefit drivers around the world."

Located in Pune, the plant has the advantage of being close to a large base of automotive OEMs. The first phase of the manufacturing facility will focus on production of next generation audio and infotainment systems for Tata, Fiat and Volkswagen projects. In the subsequent phases, the company would like the facility to cater to its other business units as well – Professional and Lifestyle Audio. At present, Harman has



Dinesh C Paliwal, Harman Chairman, President and CEO

a manufacturing facility in China and another one in the pipeline in Brazil.

In addition to this key investment, Harman has also set up a state-of-the-art Acoustic Systems Engineering Centre, in Pune. This facility is home to state-of-the-art fabrication, tuning and listening rooms and features an array of proprietary hardware / software tools to cater to existing and emerging demands in the realm of automotive audio & acoustics. The engineering capabilities cater to audio systems design and engineering, complex vehicle acoustic tunings, active noise cancellation

for engine noise refinement or road noise cancellation, electronic speech synthesis for BEV's or to give a particular sonic character to a vehicle. Acoustic Systems is fully geared up to provide acoustic simulation support with a view to increasing product performance for our customers. The virtual development environment allows acoustics properties of the vehicle interiors to be analyzed and post processed in 3D, where the post processed audio signature in the vehicle cockpit can be both visualized and auralized.

STUDIOMASTER PROFESSIONAL RELEASE VERSATILE 6-ZONE PAGING SYSTEM

Studiomaster Professional has added the Zone 66 to its ever increasing list of world class installation solutions. The Zone 66 is a 6-zone paging system designed to be versatile across many applications. The Zone 66 is intuitively designed to give the user a host of inputs, output and routing options.

of the Zone 66 Audio matrix can be routed to any or all the 6 zone outputs at flick of a switch. Additionally, the Zone 66 also has a 4 stereo channels (CD/DVD/Line/Tuner) with 4-way input selectivity option.

Each input channel can be assigned to any combination of outputs. All zone based

RCA output options making it ultra-versatile. The output section of the Zone 66 consists of 6 level control knobs dedicated to each zone output. The 6-digit LED level meter on the output section makes monitoring output signals convenient. All of these features are packed in into a suave black paint finish, rack-mountable 3U housing.

With abundance of features and routing options, the application possibilities of the Zone 66 are endless. The Studiomaster Professional Zone 66 is ideal for zone paging requirement in educational institutions, factories, hospitals, malls and houses of worship. The Zone 66 audio matrix system can also double up as a main mixing solution for smaller applications.

In the recent past, Studiomaster Professional introduced the Arc series speakers, Flex series microphones, SPS 8 – power sequencer and Vak conference system to name a few. With the addition of the Zone 66, Studiomaster Professional is strengthening its stellar line up for the install market.



Studiomaster Professional's Zone 66 - Paging system

On the input front, the Zone 66 has 6 Mic (XLR) and Line (RCA) with separate gain knobs. The microphone inputs boast of high-quality preamps, 2-band EQ and individual +48V Phantom power supply. All the inputs

mixing solutions from other brands tend to be complicated; the Zone 66 aims to simplify this process.

On the output front, the Studiomaster Professional Zone 66 has balanced XLR and