Smart™ Speaker



A unique patented speaker system that provides audio intervention by a CCTV operator to deter criminals or provide information for the public.

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SmartSpeaker is a unique patented speaker system that provides audio intervention by a CCTV operator to deter criminals or provide information for the public.

The unique nature of the system allows live broadcasts to be made from SmartSpeakers from anywhere to anywhere in the world without the need for wiring. The systems operate as a 12V version, or a solar powered version and provide crystal clear voice announcements that can be heard from several hundred meters if required. Cabling a network infrastructure is extremely expensive and therefore having the ability to make announcements without the need for cabling is paramount.

Announcements to the speaker can be made using a Landline Telephone, VOIP Phone or Mobile Phone.



SmartSpeaker Uses:



Uses for the SmartSpeaker are numerous, with some examples listed below:

- CCTV audio enhancement
- Remote monitoring of security systems
- Crowd control
- Exhibitions
- Concerts
- Sports Stadiums
- Emergency Evacuation
- Car Parks

In addition to the above examples there are many other uses for the system.

The speaker has been featured in numerous magazines and has won awards for its' innovation as shown below.



The system technology is also featured in Wikipedia



Wireless Mobile Telephony (WMT) PA Systems refers to PA paging and [intercom] systems that use any form of Wireless mobile telephony system such as GSM networks instead of a centralized amplifier to distribute the audio signal to paging locations across a building or campus, or other location.

The GSM mobile Networks are used to provide the communication function. At the transmission end, a PSTN Telephone, mobile phone, VOIP phone or any other communication device that can access and make audio calls to a GSM based mobile SIM card can communicate with it. At the receiving end, a GSM transceiver receives these network transmissions and reproduce the analogue audio signal via a Power Amplifier and speaker.

This was pioneered by Stephen Robert Pearson of Lancashire, England who was granted patents for the systems, which also incorporate control functionality. Using a WMT (GSM) network means that live announcements can be made to anywhere in the world where there is WMT connectivity. The patents cover all forms of WMT i.e., 2G, 3G, 4G, 5G ..... xxG.

Smart Control Unit (SCU)

The SmartSpeakers can also be controlled via an app with a Graphical User Interface that allows units to be selected from a list or a map and calls made directly to them.

Using VOIP technology this opens up new opportunities for enhanced call features simultaneously to multiple SmartSpeakers in a group, as well as audio recordings.

SmartSpeaker, the 'Smart' choice for audio intervention and annunciation.



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Images shown are indicative of the types of installation described that are currently in the public domain