

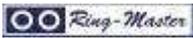


<http://on.fb.me/STENTOFON>

"Connecting Australia since 1975"



- AlphaCom XE
- Pulse
- Pro700
- BiWay



Service, Repair, Integration



Service, Repair, Integration



Marine Services

STENTOFON May 2012 Newsletter

Ring-Master staged upgrade to AlphaCom

Do you have an old Ring-Master system in need of some TLC?
Do you need to keep up with the demands of new technology?

STENTOFON have the solution. An upgrade plan can be implemented at your site to help spread out the cost of a whole new system. A new server and retrofit of old stations gives you the flexibility of the new IP technology and network access, without the cost of fitting all new stations. Refer to the Case Studies on our website for information on Longbay Correctional Centre's Upgrade Plan. http://www.stentofon.com.au/csprisons_justice.html



Extreme Robustness

Built to withstand the harshest conditions, the Turbine Series is one tough intercom.

IP66 / IK10



All stations are built for extreme durability and resilience, qualifying for an IP66 rating, and an IK rating of between 8-10. All stations are dirt, dust and water resistant, and are able to endure water under high pressure, making them ideal for many unforgiving environments.

3mm Aluminum Frame



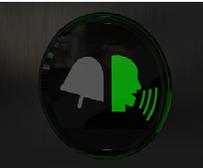
The Turbine Series prides itself on its vandal resistant design, and the interior of each station is extremely well protected. The primary frame of the stations comprises of a solid 3mm aluminum, die-casted base frame. This frame has been designed with protection and durability in mind. The angles of the speaker grill are oriented to prevent sharp implements direct access to the speaker below. In addition to this, the speaker is further shielded by a rigid stainless steel mesh, with perforations small enough to prevent slender instruments from perforating the speaker.

Internal Electronics Protection



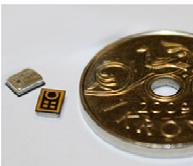
Additionally all circuit boards and internal electronics are mounted behind the 3mm aluminum frame in their own sealed casing. This not only extends the life of the electronics, but also removes the requirement for the installer to touch any interior electronics whatsoever, whilst making direct access to them impossible and consequently extremely well protected. This casing means that all stations in the Turbine Series, whether they be stations with stainless steel or thermoplastic front plates, are all equally robust and durable.

Button Protection



The LED backlit buttons are also vandal resistant, as they are protected by the aluminum frame. The frame physically prevents the button from depressing into the station as a result of excessive force. Every button on the stations are backlit by LED lights, illuminating our regulation consistent icons, providing clear and understandable user-feedback. A yellow 'bell' icon illuminates when a call is placed, whilst a green 'talk' icon lights when in a conversation is transpiring. For entrances, a red 'door' icon illuminates to indicate that the door is unlocked and accessible.

Digital MEMS Microphone



The wiring of conventional microphones facilitates electro-magnetic interference, as this wiring acts like an antenna. Our digital MEMS microphones are completely immune to this electro-magnetic radiation interference. The MEMS microphone membrane is also extremely small at only 0,1mm diameter. This reduced size causes less vibration across the microphone's membrane, effectively reducing audio distortion. MEMS microphones are the only microphones capable of delivering such a high dynamic range. This range enables the Turbine stations to possess Open Duplex capabilities with 95dB of volume output.

Extreme Temperatures



All stations are capable of coping with extreme temperatures at both ends of the spectrum, from -25°C to up to 60°C. Unlike other microphones, the digital MEMS microphone implemented in the Turbine stations are highly impervious to temperature fluctuations, and maintain their sensitivity irrespective of extreme high or low temperatures.

Security 2012
EXHIBITION & CONFERENCE
25-27 July 2012
SYDNEY CONVENTION & EXHIBITION CENTRE
Come and visit us
Hall 3 Stand H24

STENTOFON Turbine® on display at Security 2012 Sydney Australia

STENTOFON Communications Australia will be releasing Turbine® on the Australian market for the first time in June, so why not visit our stand to get acquainted. The first 9 of 37 station variants will be on display to showcase the revolutionary new design and exceptional sound quality of the new STENTOFON Turbine® range.

Turbine not only sets the bar for what is expected in intercom standards in today's world, but it also allows security providers to offer a competitively priced security communication solution for any environment.

If you have been reading the STENTOFON Newsletter of late, you would have noticed the detailed design of the Turbine series, producing exceptional clarity at extreme sound pressure levels with the highest weather and vandal resistant properties.

Not only will the Turbine stations be on display but STENTOFON will have a full range of Intercom Stations, IP Speakers, IP Dect and more on display for the public to get a feel for the products and their many uses. STENTOFON Audio Analytics was released at the show in 2011, and will again be running to capture and process the audio signatures. And like last year, you'll never know what new technology STENTOFON has to release at the show unless you stop by.

Stay tuned for our next newsletter and be sure to check on Facebook for live updates.



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