STENTOFON October 2012 Newsletter

![STENTOFON]

"Connecting Australia since 1975"

STENTOFON
- AlphaCom XE
- Pulse
- Pro700
- BiWay
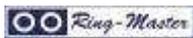
Ring-Master   Service, Repair, Integration

M100   Service, Repair, Integration

DNH   **BEST**   **Marine Services**

Order your TURBINE® Stations now!
Full limited release ready for order, they are sure to go quickly, so put your order in now to avoid disappointment.

NEW SERVERLESS AUDIO COMMUNICATION SYSTEM

STENTOFON PULSE
Intercom for everyone

HD VOICE   CCoIP®

DNH manufactures one of the world's largest ranges of loudspeakers for industrial and commercial applications. Since the company was formed in 1946, DNH has been renowned as a supplier of high quality products for varied applications and projects world-wide. The range has been developed into a complete product port-folio that will satisfy the most demanding of locations and customers and cover:
- Horn Loudspeakers
- Ex Loudspeakers
- Vandal Resistant Loudspeakers
- Music Master Loudspeakers
- Cabinet Loudspeakers
- Projector Loudspeakers
- Metal Ceiling Loudspeakers
- Plastic Ceiling Loudspeakers
- Speciality Loudspeakers
- Voice Alarm Loudspeakers
- Clean Room Loudspeakers

As the Australian distributor of DNH we will in the coming months feature these loudspeakers in more detail.
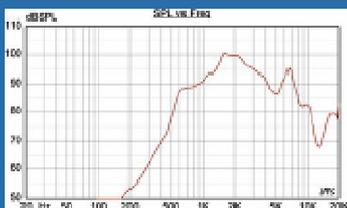
HPS-6C(T)
Over stocked

The flush mount version of the HP-6 range. This 6W plastic miniature loudspeaker is marine grade IP67 weather proof rated with a square front for recessed surface mounting. Complete with termination chamber.
Download the Data Sheet here:
www.stentofon.com.au/datasheet_PDF/DNH/471-HPS6CT.pdf

HPS-6C(T) Specs

Material / Colour	Polyamide UL94 V0 / RAL 7035
Mounting	Insertion
Termination	Cable, 0,5m
Weight w/ transformer	(1,7 lb) 0,8 kg
IP-rating (UL equivalent)	(4X & 6) 67
Max / Min amb temp	(194°F / -40°F) 90 °C / -40 °C
Rated / max power	6 W / 15 W
SPL 1W/1m	100 dB
SPL rated power	107 dB
Effective freq range	500 – 7500 Hz
Dispersion (-6dB) 1kHz / 4kHz	170° / 70°
Directivity factor, Q (2kHz)	4,3
Options	Impedances, colours, labels

The only server-less, full duplex, hands free Non-Contact Visitor Solution.

The Solution
STENTOFON can provide the only full duplex hands free system and the fact that it is so simple to install is a bonus. The system comes fully programmed and ready to plug in, one pair per booth. The Visitor Non-Contact System uses the Vandal Resistant IP Substation (1008041100).

Station Features
- Vandal and water resistant
- Designed in stainless steel (A304) to withstand corrosion
- Remote software upgrade, configuration and monitoring
- Integrated data switch with advanced networking and security functions
- Relay output for remote control, e.g. doors, signal lamps and gates
- Superb audio quality – high bandwidth codec, active noise cancellation, acoustic echo cancellation and high output power amplifier

The Outcome
This system uses intercom stations in pairs and the pairs make up a booth. A glass or Perspex barrier is between the visitor and the prisoner and they communicate via the intercom stations to prevent the prisoner and the visitor from having contact. One intercom device is installed on each side of the glass in the booth and the prisoner and the visitor are able to converse using these devices, only the visitor can initiate or end the communication.

Pulse is an All to All Intercom System, allowing for Master Intercom Stations to communicate between one another, perfect for Clean Rooms in e.g. hospitals, Offices and Warehouses. Pulse also supports Door and Gate calls from Substations, with intercom door opening available from the on-board relays. Most importantly is the ability to interoperate with external 3rd party equipment such as SIP phones and trunks; allowing calls from Pulse substations to be answered from off-site.

Just another reason why STENTOFON can provide a custom solution for your communication needs. If you have a communication requirement, talk to us at STENTOFON.