



Alphatronics[®]
Innovators in Access Technology



IP and SIP Video Intercom



**VINGTOR
STENTOFON**

by ZENITEL GROUP

Stentofon Turbine

Turbine is the new top series of Vingtor-Stentofon, world leader in intercom / intercommunication. Vingtor-Stentofon stands for superior sound and unrivaled reliability and longevity.

- Crystal clear sound
- Open Duplex technology
- Digital MEMS-microphone
- Automatic volume setting

INDESTRUCTIBLE DESIGN

Turbine is an indestructible intercom. All devices have been developed for extreme durability and flexibility, protection class IP66 and in IK 8 or IK10. All stations are dirt, dust and water resistant and are resistant to water under high pressure, making them ideal for use in demanding environments.

FLEXIBEL INZETBAAR

Turbine is compatible with SIP PBX, Vingtor-Stentofon's AlphaCom XE (audio server) and with Pulse (intercom without server). Based on IP technology extra cabling is not required for SIP and Pulse, also a central server is unnecessary. This makes the Turbine a cost-effective product that offers a solution for all required communication in critical situations and environments.

- Extreme sound pressure level
- Active suppression of annoying background noise
- Automatic gain control

VANDAL RESISTANT

A solid aluminum injection molded frame of 3 millimeters ensures a high degree of protection and durability. The design of the loudspeaker grille prevents direct contact between sharp objects and the loudspeaker. In addition, the loudspeaker is shielded by a sturdy, stainless steel grid. The holes in the grid are so small that narrow materials can not pierce the loudspeaker.



BUTTON PROTECTION

The LED buttons with backlighting are also vandal resistant. The aluminum frame prevents the button from being pushed physically into the device due to excessive force.

EXTREME TEMPERATURES

Turbine can handle extreme temperatures, from -25 ° C to 60 ° C. The digital MEMS microphones implemented in the Turbine devices are also highly resistant to temperature fluctuations. This is in contrast to other microphones.

SOPHISTICATED DESIGN

Timeless beauty and unparalleled functionality merge into the sophisticated, minimalist design. With a minimum of buttons at the bottom and a larger loudspeaker grille at the top, the front of the intercom looks simple, uncomplicated and understandable. The power of simplicity, with thermoplastic (lexane) or stainless steel front plate.



ACCESSIBLE

Turbine is a universally accessible intercom, which amply meets the international requirements and regulations for people with disabilities. Each button on the devices is illuminated by LEDs that illuminate the icons and provide the user with clear and understandable information. A yellow 'bell' icon lights up when a call is received; a green 'speech' icon lights up during a conversation. A red 'door' icon lights up for entrances, indicating that the door is unlocked and accessible. For the hearing impaired, the system offers Open Duplex functionality with an output level above 95dB and all devices in the Turbine series are equipped with induction loop connections.



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