



STENTOFON PULSE

SERVERLESS INTERCOM



STENTOFON

STENTOFON began life in 1946 as Stentor Radiofabrikk, specializing in radio communication systems for ships and fishing boats. Stentor later extended its range with intercom systems that it sold under the brand name STENTOFON. Today it is one of the most important brand names in Zenitel's portfolio bringing you the new generation of IP Audio Servers, called STENTOFON AlphaCom XE. This new solution is an evolution into IP technology while maintaining full backwards compatibility for existing installations. STENTOFON AlphaCom XE and the other solutions in the range open up new opportunities and markets, and confirm Zenitel's leading position in the communication and security field.

Over a century after it first began, one element has always remained strong through the company's history, its belief in one single principle - helping people to communicate in critical situations. Zenitel's solutions are voice driven because Zenitel knows that when people are in trouble, they call out, they listen, and they start to talk.



1952



1964



1975



2009



2012

CONTENTS

PULSE STATIONS	4
PULSE STATION KITS	8
PULSE ACCESSORIES	9
PULSE GATEWAYS	10

PULSE INTERCOM STATIONS



1008001000

IP DESK/WALL MASTER STATION, DISPLAY AND HANDSET

- Connects directly to the IP network, no geographical limitations
- 85 dB audio pressure 1 meter from speaker
- Large high contrast display with backlight for excellent readability
- 10 freely programmable single-touch keys (DAK)
- Superb audio technology
- Integrated Web server for easy configuration and monitoring
- Remote software upgrade, configuration and monitoring



Size (WxHxD): 225 x 75 x 176mm Wt: 0.7kg

Accessories: 1008091100 Wall bracket for Desktop

1008000000

IP DESK/WALL MASTER STATION, DISPLAY

- Connects directly to the IP network, no geographical limitations
- 85 dB audio pressure 1 meter from speaker
- Large high contrast display with backlight for excellent readability
- 10 freely programmable single-touch keys (DAK)
- Superb audio technology
- Integrated Web server for easy configuration and monitoring
- Remote software upgrade, configuration and monitoring



Size (WxHxD): 168 x 75 x 176mm Wt: 0.5kg

Accessories: 1008091100 Wall bracket for Desktop

1008007000

IP DUAL DISPLAY STATION

- IP station with full access to all features in the STENTOFON AlphaCom exchange
- Remote software upgrade, configuration and monitoring
- Powered from the IP network cable using Power over Ethernet (PoE)
- Superb audio quality – high bandwidth codec, active noise cancellation, acoustic echo cancellation and high output power amplifier
- Displays with backlight



Size (WxHxD): 72 x 140 x 270mm Wt: 0.4kg

Accessories: 1007007010 Microphone for Dual Display Station

1008015000

IP OR MASTER, DISPLAY

- Connects directly to the IP network, no geographical limitations
- Large high contrast display with backlight for excellent readability
- Flat chemical resistant and anti-bacterial front surface for easy cleaning
- 4 freely programmable single-touch keys (DAK)
- Superb audio technology – possible to talk and listen at a distance (5m)
- Integrated web server for easy configuration and monitoring



Size (WxHxD): 125 x 280 x 30mm Wt: 0.63kg

Accessories: 1008098700 Flush Mount Back Box

1008031000

IP FLUSH MASTER, DISPLAY

- Connects directly to the IP network, no geographical limitations
- Large high contrast display with backlight for excellent readability
- White light behind all keys
- Four freely programmable single-touch keys (DAK)
- Superb audio technology
- Optional handset unit
- Remote upgrade, configuration and monitoring



Size (WxHxD): 125 x 280 x 30mm Wt: 0.63kg

Accessories: 1008097500 Gooseneck Microphone, 1008097100 Handset, 1008098700 Flush Mount Back Box

1008041100

IP VANDAL RESISTANT SUBSTATION

- Connects directly to the IP network, no geographical limitation
- Dual Ethernet ports for connection of other IP device
- Possible connection to external IP video camera
- One relay output for door lock control or flash strobe light, etc.
- Remote software upgrade, configuration and monitoring
- Stainless steel front (A304)



Size (WxHxD): 92 x 180 x 46mm Wt: 0.8kg

Accessories: 1008098100 Flush Mount Back Box, 1008098000 On Wall Back Box

1008041150

IP VANDAL RESISTANT SUBSTATION CONFORMAL COATED

- Connects directly to the IP network, no geographical limitation
- Dual Ethernet ports for connection of other IP device
- Possible connection to external IP video camera
- One relay output for door lock control or flash strobe light, etc.
- Remote software upgrade, configuration and monitoring
- Stainless steel front (A304)



Size (WxHxD): 92 x 180 x 46mm Wt: 0.8kg

Accessories: 1008098100 Flush Mount Back Box, 1008098000 On Wall Back Box

1008051000

IP VANDAL RESISTANT SUBSTATION, 3 GANG BACK BOX

- Connects directly to the IP network, no geographical limitation
- Dual Ethernet ports for connection of other IP device
- Possible connection to external IP video camera
- One relay output for door lock control or flash strobe light, etc.
- Remote software upgrade, configuration and monitoring
- Stainless steel front (A304)



Size (WxHxD): 114 x 160 x 63mm Wt: 0.8kg

Accessories: 1008098300 3 Gang Flush Mount Back Box

1401002100

IP CEILING LOUDSPEAKER

- Ideal for Micro Zone PA and systems that require a limited number of speakers
- Each speaker is individually addressable
- Ideal for speakers installed in remote locations, e.g. roads and railways
- 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, gates
- Powered from the IP network cable using Power over Ethernet (PoE)
- Superb audio quality – high bandwidth codec and adaptive jitter filter



Size (Diam x Depth): 237 x 133mm Wt: 1.33kg

1401002500

IP HORN LOUDSPEAKER

- Ideal for Micro Zone PA and systems that require a limited number of speakers
- Each speaker is individually addressable
- Ideal for speakers installed in remote locations, e.g. roads and railways
- 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, gates
- Powered from the IP network cable using Power over Ethernet (PoE)
- Superb audio quality – high bandwidth codec and adaptive jitter filter



Size (WxHxD): 160 x 240 x 137mm Wt: 1.1kg

THE TURBINE SERIES



The Turbine Series provides innovative features and a cutting edge design that will change the way we look at intercom.

All IP stations in the STENTOFON Turbine Series utilize the latest technology and STENTOFON's 65+ years of experience in the audio communications industry to create stunning audio quality.

1008111020

TCIS-2

- STENTOFON Audio Presence
- Amazing sound pressure level when needed
- Background noise cancellation
- Dirt, dust and water resistant - Class IP 66
- Built to last with robust die-cast aluminum frame - Class IK 10
- Designed according to the norm for hearing impaired
- Support wide set of IP and networking standards
- Stainless steel front plate with one button
- Perfect for Building Security and Public Environments



Size (WxHxD): 120 x 180 x 70mm Wt: 0.8kg

Accessories: 1008140010 TA-1 Turbine Compact On Wall Box, 1008140020 TA-2 Turbine Compact Flush Back Box, 1008140050 TA-5 Wall Bracket for Turbine Compact

1008111030

TCIS-3

- STENTOFON Audio Presence
- Amazing sound pressure level when needed
- Background noise cancellation
- Dirt, dust and water resistant - Class IP 66
- Built to last with robust die-cast aluminum frame - Class IK 08
- Designed according to the norm for hearing impaired
- Support wide set of IP and networking standards
- Black thermoplastic front plate with one button
- Perfect for Building Security and Public Environments



Size (WxHxD): 120 x 180 x 70mm Wt: 0.8kg

Accessories: 1008140010 TA-1 Turbine Compact On Wall Box, 1008140020 TA-2 Turbine Compact Flush Back Box, 1008140050 TA-5 Wall Bracket for Turbine Compact

1008111040

TCIS-4

- STENTOFON Audio Presence
- Amazing sound pressure level when needed
- Background noise cancellation
- Dirt, dust and water resistant - Class IP 66
- Built to last with robust die-cast aluminum frame - Class IK 08
- Designed according to the norm for hearing impaired
- Support wide set of IP and networking standards
- Black thermoplastic front plate with one labelled button
- Unique labeling solution with PMOLED display
- Perfect for Building Security and Public Environments



Size (WxHxD): 120 x 180 x 70mm Wt: 0.8kg

Accessories: 1008140010 TA-1 Turbine Compact On Wall Box, 1008140020 TA-2 Turbine Compact Flush Back Box, 1008140050 TA-5 Wall Bracket for Turbine Compact

1008111050

TCIS-5

- STENTOFON Audio Presence
- Amazing sound pressure level when needed
- Background noise cancellation
- Dirt, dust and water resistant - Class IP 66
- Built to last with robust die-cast aluminum frame - Class IK 08
- Designed according to the norm for hearing impaired
- Support wide set of IP and networking standards
- Black thermoplastic front plate with two labelled buttons
- Unique labeling solution with PMOLED display
- Perfect for Building Security and Public Environments



Size (WxHxD): 120 x 180 x 70mm Wt: 0.8kg

Accessories: 1008140010 TA-1 Turbine Compact On Wall Box, 1008140020 TA-2 Turbine Compact Flush Back Box, 1008140050 TA-5 Wall Bracket for Turbine Compact

1008111060

TCIS-6

- STENTOFON Audio Presence
- Amazing sound pressure level when needed
- Background noise cancellation
- Dirt, dust and water resistant - Class IP 66
- Built to last with robust die-cast aluminum frame - Class IK 08
- Designed according to the norm for hearing impaired
- Support wide set of IP and networking standards
- Black thermoplastic front plate with scrolling unit for calling to an unlimited number of places
- PMOLED display
- Perfect for Building Security and Public Environments



Size (WxHxD): 120 x 180 x 70mm Wt: 0.8kg

Accessories: 1008140010 TA-1 Turbine Compact On Wall Box, 1008140020 TA-2 Turbine Compact Flush Back Box, 1008140050 TA-5 Wall Bracket for Turbine Compact

1008072220

IP HEAVY DUTY TELEPHONE, DOOR, HOTLINE

- Made for critical communication in rough environments like roads, tunnels, ships
- Extremely water and dust resistant (IP67)
- Highly durable with 5mm aluminum casing and stainless steel components
- Magnetic reed hook-switch ensures minimal wear and tear
- Supports VoIP with SIP and STENTOFON CCoIP with AlphaCom XE
- Support local power and Power over Ethernet (PoE)
- Integrated data switch with advanced networking and security functions
- Supports HD Voice



Size (WxHxD): 205 x 320 x 148mm Wt: 5.4kg

Accessories: 1020600992 IRR-3 Relay Box 24V DC or 220V AC - Signal Unit WT - IP-66

1008072120

IP HEAVY DUTY TELEPHONE, HOTLINE

- Made for critical communication in rough environments like roads, tunnels, ships
- Extremely water and dust resistant (IP67)
- Very durable with 5mm aluminum casing and stainless steel components
- Magnetic reed hook-switch ensures minimal wear and tear
- Supports VoIP with SIP and STENTOFON CCoIP with AlphaCom XE
- Support local power and Power over Ethernet (PoE)
- Integrated data switch with advanced networking and security functions
- Supports HD Voice



Size (WxHxD): 205 x 320 x 120mm Wt: 5kg

Accessories: 1020600992 IRR-3 Relay Box 24V DC or 220V AC - Signal Unit WT - IP-66

1008072100

IP HEAVY DUTY TELEPHONE, FULL KEYBOARD

- Made for critical communication in rough environments like roads, tunnels, ships
- Extremely water and dust resistant (IP67)
- Very durable with 5mm aluminum casing and stainless steel components
- Magnetic reed hook-switch ensures minimal wear and tear
- Supports VoIP with SIP and STENTOFON CCoIP with AlphaCom XE
- Support local power and Power over Ethernet (PoE)
- Integrated data switch with advanced networking and security functions
- Supports HD Voice



Size (WxHxD): 205 x 320 x 120mm Wt: 5kg

Accessories: 1020600992 IRR-3 Relay Box 24V DC or 220V AC - Signal Unit WT - IP-66

STENTOFON AUDIO PRESENCE

STENTOFON Audio Presence refers to a combination of technologies that aims to diminish the perception of distance between two parties in communication at separate locations. Products that include STENTOFON Audio Presence are assured unparalleled audio quality and clarity, as if all participants were present in the same room.



1008072200

IP HEAVY DUTY TELEPHONE, DOOR, FULL KEYBOARD

- Made for critical communication in rough environments like roads, tunnels, ships
- Extremely water and dust resistant (IP67)
- Very durable with 5mm aluminum casing and stainless steel components
- Magnetic reed hook-switch ensures minimal wear and tear
- Supports VoIP with SIP and STENTOFON CCoIP with AlphaCom XE
- Support local power and Power over Ethernet (PoE)
- Integrated data switch with advanced networking and security functions
- Supports HD Voice



Size (WxHxD): 205 x 320 x 148mm Wt: 5.4kg

Accessories: 1020600992 IRR-3 Relay Box 24V DC or 220V AC - Signal Unit WT - IP-66

1008111010

TCIS-1

- STENTOFON Audio Presence
- Amazing sound pressure level when needed
- Background noise cancellation
- Dirt, dust and water resistant - Class IP 66
- Built to last with robust die-cast aluminum frame - Class IK 08
- Designed according to the norm for hearing impaired
- Support wide set of IP and networking standards
- Yellow thermoplastic front plate with one button + M and C
- Perfect for Industrial Applications



Size (WxHxD): 120 x 180 x 70mm Wt: 0.8kg

Accessories: 1008140010 TA-1 Turbine Compact On Wall Box, 1008140020 TA-2 Turbine Compact Flush Back Box, 1008140050 TA-5 Wall Bracket for Turbine Compact

PULSE STATION KITS



1008093000

IP MASTER STATION KIT

- Made for STENTOFON Critical Communication over IP
- Supports full keyboard including direct access keys (DAK) and dynamic keys
- Supports handset and headset
- Superb audio quality
- OdB (600 Ohm) output to Public Address
- Relay output for e.g. door lock control and tamper alarm input
- Dual Ethernet ports for connection of other IP devices
- Remote software upgrade, configuration and monitoring



Size (WxHxD): 88 x 152 x 20mm Wt: 0.13kg

Accessories: 1008099000 Display for IP Master Station Board, 5 Pieces

1008090200

IP SUBSTATION KIT

- Made for STENTOFON Critical Communication over IP
- Superb audio quality
- OdB (600 Ohm) output to Public Address
- Relay output for e.g. door lock control and tamper alarm input
- Dual Ethernet ports for connection of other IP devices
- Enables manufacturing of EN 81-28 and 81-70 compliant lift stations
- Remote software upgrade, configuration and monitoring



Size (WxHxD): 72 x 110 x 20mm Wt: 0.1kg

Accessories: 1008091000 Mounting and Assembly Kit for IP Substation

1008090250

IP SUBSTATION KIT, CONFORMAL COATED

- Made for STENTOFON Critical Communication over IP
- Superb audio quality
- OdB (600 Ohm) output to Public Address
- Relay output for e.g. door lock control and tamper alarm input
- Dual Ethernet ports for connection of other IP devices
- Enables manufacturing of EN 81-28 and 81-70 compliant lift stations
- Remote software upgrade, configuration and monitoring



Size (WxHxD): 72 x 110 x 20mm Wt: 0.1kg

Accessories: 1008091000 Mounting and Assembly Kit for IP Substation

1008131010

TKS-1 TURBINE IP KIT STANDARD

- Designed to fulfil rules and regulations for lifts/elevators
- Add VoIP/CCoIP to your parking solution, cash point, vending machine or similar
- Build your own IP Intercom station or help point
- Make your own 10W IP Speaker



Size (WxHxD): 65 x 80 x 25mm Wt: 0.1kg

Accessories:

PULSE ACCESSORIES



1008098600

ON WALL BACK BOX

- On wall mount back box for IP Flush Master Stations



Size (WxHxD): 125 x 280 x 34mm Wt: 0.5kg

Related items: 1008031000 IP FLUSH Master, Display

1008098000

ON WALL BACK BOX

- On wall Mount Back Box for Vandal Resistant Substation, IP and Traditional



Size (WxHxD): 92 x 180 x 52mm Wt: 0.8kg

Related items: 1008041100 IP Vandal Resistant Substation, 1007056100 Vandal Resistant Substation, 1007056200 Vandal Resistant Substation 2 Button

1008140030

TA-3 TURBINE COMPACT FLUSH BACK BOX

- Flush mount back box for Turbine Compact Stations



Size (WxHxD): 96 x 96 x 64mm Wt: 0.4kg

Related items: All Analog Turbine Compact Stations

1008140010

TA-1 TURBINE COMPACT ON WALL BOX

- For on-wall mounting of all Turbine Compact Stations



Size (WxHxD): 120 x 180 x 62mm Wt: 0.8kg

Related items: All Turbine Compact Stations

1008098100

FLUSH MOUNT BACK BOX

- Flush Mount Back Box for Vandal Resistant Substation, IP and Traditional



Size (WxHxD): 80 x 168 x 50mm Wt: 0.8kg

Related items: 1008041100 IP Vandal Resistant Substation, 1007056100 Vandal Resistant Substation

1008098800

FLUSH MOUNT BACK BOX

- Backbox for handset module for IP Flush Master



Size (WxHxD): 58 x 270 x 40mm Wt: 0.3kg

Related items: 1008097100 Handset

1008098300

3 GANG FLUSH MOUNT BACK BOX

- Flush Mount Back Box for IP Vandal Resistant Substation, 3 Gang Back Box



Size (WxHxD): 98 x 145 x 66mm Wt: 0.8kg

Related items: 1008051000 IP Vandal Resistant Substation - 3 Gang Back Box

1008098700

FLUSH MOUNT BACK BOX

- Flush mount back box for IP Flush Master Stations inclusive IP OR Master Station



Size (WxHxD): 116 x 270 x 40mm Wt: 0.5kg

Related items: 1008015000 IP OR Master, 1008031000 IP Flush Master, Display

1008140020

TA-2 TURBINE COMPACT FLUSH BACK BOX

- Flush mount back box for Turbine Compact Stations



Size (WxHxD): 96 x 96 x 90 Wt: 0.5kg

Related items: All Turbine Compact Stations

1009643111

SIP STATION LICENSE

- Extend STENTOFON Pulse with
 - IP telephones
 - IP DECT
 - PC & mobile clients
- Easy to configure and setup



Size (WxHxD): N/A Weight: N/A

Accessories: Requires IP station license

1009643121

SIP TRUNKING LICENSE

- Connect STENTOFON Pulse to
 - Public telephone networks
 - PBXs
 - Mobile telephone network
- Easy to configure and setup

Size (WxHxD): N/A Weight: N/A

Accessories: 1009642001 Sip trunking license, 2200002000 Rack mounting kit for Audio codes, 1009642/4/16 SIP trunking license.Requires IP station license

3006204094

AUDIOCODES MP-114 GATEWAY

- Connects STENTOFON AlphaCom XE system to external telephone system such as PABXs and the public telephone network
- Supports 4 analog telephone lines
- Web management for easy configuration and installation



Size (WxHxD): 220 x 42 x 172mm Wt: 0.5kg

Accessories: 2200002000 19" Rack Mounting Kit for Audio Codes, 1009642002/4/8/16 SIP Trunking License

3006204099

AUDIOCODES MP-118 GATEWAY

- Connects STENTOFON AlphaCom XE system to external telephone system such as PABXs and the public telephone network
- Supports 8 analog telephone lines
- Web management for easy configuration and installation



Size (WxHxD): 220 x 42 x 172mm Wt: 0.5kg

Accessories: 2200002000 19" Rack Mounting Kit for Audio Codes, 1009642002/4/8/16 SIP Trunking License

2200003000

GSM GATEWAY

- Connects STENTOFON AlphaCom XE to GSM for external calls
- World wide GSM coverage using quad band GSM (800/900/1800/1900)
- Web interface for configuration



Size (WxHxD): 145 x 173 x 45mm Wt: 1.2kg

Accessories: 1009642001 SIP Trunking License

2200002000

19" RACK MOUNTING KIT FOR AUDIO CODES

- Allows mounting in standard 19" rack



Size: 1HU

Accessories: 3006204094 AudioCodes MP-114 Gateway, 3006204099 AudioCodes MP-118 Gateway



