zenitel

DATASHEET




1008113020

# TCIA-2

Poste Turbine IP 1 Bouton, IK-10

Interphone d'accès | Turbine | IP-66 | IK10 | Volume automatique

Qualité de voix HD | Contrôle automatique du gain | Suppression de Bruit Active

Détection d'activité vocale

## Description

- Conçu pour répondre aux besoins des PHMR
- Qualité Audio Vingtor-Stentofon - Qualité de voix HD
- Étonnant niveau de pression acoustique ajustable automatiquement



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- Suppression de bruit de fond
- Indice de Protection IP-66 contre la poussière et l'eau
- Conçu pour durer grâce à un cadre moulé en aluminium - Indice IK-10
- Supporte un grand nombre de normes IP et réseaux
- Face avant en acier inoxydable avec un bouton
- Idéal pour les environnements publics et pour garantir la sécurité des bâtiments

Afin de garantir une qualité audio inégalée, tous les postes IP de la gamme Turbine embarquent les toutes dernières technologies. Parmi les nombreuses fonctionnalités disponibles, on retrouve : la qualité de Voix HD, l'Open Duplex, la suppression de bruit active, un microphone MEMS, un amplificateur 10 W Classe D et notre haut-parleur de conception unique. Ces fonctionnalités, à l'instar de nos 70 ans d'expérience en matière de technologie acoustique ne sont que quelques-uns des facteurs qui contribuent à vous délivrer une qualité audio exceptionnelle.





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# Spécifications

| AUDIO | |
|---|---|
| Qualité Audio - Speech transmission index (Mesure d'intelligibilité de la parole - STI) - à 70 dB | > 0.8* |
| Qualité Audio - Pourcentage de perte dans l'articulation des consonnes (Alcons) - à 70 dB | < 5%* |
| Qualité Audio - distorsion totale des harmoniques + bruit, sans réduction de bruit (THD+N) - à 70 dB | < 2%* |
| Puissance de niveau de pression acoustique (SPL) à 1 m en mode Open Duplex | 95 dB* |
| Puissance de niveau de pression acoustique à 1 m en Demi-duplex | 105 dB* |
| Puissance de niveau de pression acoustique à 1 m en distribution de programmes et annonces | 105 dB* |
| Annulation du bruit - Suppression de bruit musical | Oui |
| Annulation du bruit - Suppression de bruit statique | Oui |
| Annulation du bruit - Suppression de bruit changeant rapidement | Oui |





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| | |
|---|---|
| Codecs | G.711, G.722 |
| Gamme de fréquence, Codec G.722 | 200 Hz – 7000 Hz |
| Technologies audio | Modes : Full Open Duplex, Open duplex par commutation |
| | Tampon de gigue adaptatif |
| | Générateur local de tonalité |
| | Mixage audio - Conversations et appels de groupe |
| | Détection de niveau du son / Alarme au cri (uniquement sur AlphaCom) |
| | Contrôle automatique du gain (microphone) |
| Amplificateur interne | 10 W classe D |
| Technologie du microphone | MEMS numérique, microphone omnidirectionnel |
| * Testé avec équipement audio de précision SYS 2722 | |





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## MATÉRIEL

| | |
|---|---|
| Connecteur Ethernet | 1 x RJ 45 |
| Autres connecteurs | Sans outil, chargé sur ressorts, terminaux anti-vibrations |
| Entrées et sorties générales | 6 (configurables) |
| Sorties | 12mA en tant que driver de LED |
| Passage de relais (NO+NC+COM) | Max: 250 VAC / 220 VDC, 2A, 60 W |
| Options de puissance | PoE et/ou bloc d'alimentation externe |
| PoE (power over Ethernet) | IEEE 802.3af standard, Classe 0 (0,44 W à 12,95 W) |
| Alimentation externe | 24 VDC (16 – 48 V) |
| Consommation de puissance | Au repos : 1,8 W / Max : 12 W (selon le volume) |
| Sortie de ligne audio / Signal de boucle inductive | 600 Ohm |
| Rétro-éclairage de touche | LED |
| Indication d’appel | Icônes / couleurs selon la réglementation concernant les malentendants |





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## COMPOSITION

| | |
|---|---|
| Dimensions (HxLxP) | 180 x 120 x 70 mm |
| Dimensions avec montage encastré | 180 x 120 x 20 mm |
| Dimensions avec montage en applique | 180 x 120 x 82 mm |
| Poids | 1 kg |
| Face avant | Acier inoxydable 3 mm - AISI 304 |
| Base / cadre | Alliage d’aluminium 3 mm - A413.0, AlSi12Se, anodisé et peint |
| Couverture électronique | Polycarbonate (transparent) |
| Joint | Caoutchouc de silicone |
| Support de fixation | Acier SECC |
| Touche | Polycarbonate 3 mm (transparent) |
| Longueur d’enfoncement du bouton | 1,25 mm |
| Force d’activation de la touche | 350 gf |
| Cycles de pression avant défaut | 300 000 |
| Vis anti-vandalisme | Acier inoxydable, sécurité TORX (avec broche), T25 |
| Protection du haut-parleur contre la pénétration d’objets de large diamètre | Grille HP 3D aluminium moulé |
| Protection du haut-parleur contre la pénétration d’objets de petit diamètre | Acier inoxydable, transparent acoustiquement |





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## MISE EN RÉSEAU ET PROTOCOLES

| | |
|---|---|
| Protocoles | IPv4 (avec DiffServ), SIP, TCP, UDP, HTTPS, TFTP, RTP, DHCP, SNMP, Vingtor-Stentofon CCoIP® , NTP |
| Protocoles LAN | Power over Ethernet (IEEE 802.3 a-f), VLAN(IEEE 802.1pq), Sécurité réseau (IEEE 802.1x), STP (IEEE 802.1d), RSTP (IEEE 802.1d-2004) |
| Management et opération | HTTP/HTTPS (configuration web) DHCP et IP statique + Vingtor-Stentofon Pulse™, Mise à jour logicielle automatique à distance, Surveillance centralisée |
| Fonctions de supervision avancées | Ex : test réseau, test de tonalité, rapports d'état (uniquement sur AlphaCom) |
| Support SIP | RFC 3261 (SIP base standard) RFC 3515 (SIP refer) RFC 2976 (SIP info) |
| Support DTMF | RFC 2833, 2976 (SIP info) |

## ENVIRONNEMENT ET CONFORMITÉ

| | |
|---|---|
| Indice de Protection IP | IP-66, conformément à la norme EN 60529 |
| Indice IK | IK-08, conformément à la norme EN 62262 |
| Températures de | De -40° à +70° C |



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| | |
|---|---|
| fonctionnement | |
| Températures de stockage | De -40° à +70° C |
| Humidité supportée | < 95% (sans condensation) |
| Corrosion | Vent salé, conformément à la norme EN 60945 |
| Vibration | Testé selon la norme EN 60945 |
| Résistance aux UV | Oui |
| EMC | CE et FCC Partie 15 |
| Conformité | CEI/EN 60945 Équipement Marin, CEI/EN 61000-6 Industries légère & lourde, CEI/EN 50155 Applications ferroviaires, * CEI/EN 50486 Équipement pour utilisation dans des systèmes audio vidéo de contrôle d'accès * Avec un revêtement supplémentaire conforme, le poste nécessite un switch PoE certifié EN 50155 |
| Certifications | UL 60950-1 |
| | cUL 60950-1 |
| | CB conformément à la norme CEI 60950-1 |





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**AUTRES SPÉCIFICATIONS**

| | |
|---|---|
| Temps de démarrage du système | Moins de 10 secondes |
| Information sur adresse IP | Adresse IP donnée par voie orale après le démarrage du système |
| MTBF (mean time between failure) | Valeur à partir de calcul final |
| Durée de vie du bouton | > 1 000 000 cycles |
| Pays de fabrication | Norvège |

# Accessoires



TA-1

Boîtier applique compact pour Turbine

Référence Produit: 1008140010



TA-2

Boîtier d'encastrement pour Turbine Compact

Référence Produit: 1008140020



TA-5

Étrier de fixation pour boîtier d'encastrement Turbine Compact

Référence Produit: 1008140050



TA-18

Boîtier encastré compact pour Turbine

Référence Produit: 1008140180



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## TA-14

Microphone windshield for TCIS / TCIV

Référence Produit: 1008140140

# Used With



## TKIS-2

Module d'interphonie Turbine VoIP

Référence Produit: 1008131020



## TKIA-2

Analog over IP Gateway

Référence Produit: 1008133020



## TCIA-2-P

Référence Produit: 1008113120





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