VoIP telephone for Clean Rooms
WASHABLE & DECONTAMINABLE
Hands-Free, suitable for noisy areas
model TEL251TD-Sip

CLEANVOX-ip™

CLEAN ROOMS

VOIP
SIP
PoE
CE
EAC
REACH COMPLIANT
RoHS COMPLIANT

REMOTE AUDIO TEST

CLEANVOX-ip™ TEL251TD-Sip is an IP66 watertight **WASHABLE** and **DECONTAMINABLE VoIP (SIP)** telephone designed for use in sterile rooms. Made with front in **AUTOTEX©AM** with **MICROBAN© antimicrobial protection**, free of holes and roughness, easily decontaminated by washing with detergents and bactericidal preparations.

It is designed for flush-mounting. It guarantees excellent **full-duplex hands-free** operation, even in **areas with high ambient noise.**

Hands Free Full-Duplex and Push-to-Talk

Equipped with the **XCS-182 native VoIP phone card**, **CLEANVOX-ip™** ensures high quality **Full-Duplex conversation** in environments with high ambient noise. However, to guarantee a conversation of excellent quality even in **highly noisy places (>90dB),** it is possible to switch to **Push-to-Talk mode** using the PTT key, which also includes two Tx/Rx LEDs which indicate the transmission and reception status.

MAIN FEATURES

Dotato della scheda VoIP nativa XCS-182 release 2022-1, HDVoice, DESQO™ ready.

Protocol: .... SIP
Power source: ....PoE or 12Vdc
SIP Servers: .... up to 3 Server SIP
Bell:..up to 90dB@1m
Programming: .... via webpage
Standard Keypad: ....0÷9 * # R RP
Memory keys:..Memory 1 & 2
Volume: .... volume +/−
Secure Key:.............................. for door opening on password
PTT button with Rx/Tx LEDs: ....Push-to-talk function
MTBF:...> 180.000 hours
MTTR: ....3 minutes

Server SIP and/or Peer-to-Peer

CLEANVOX-ip™ is compatible with any VoIP SIP server, naturally including the **TELEINDUSTRIA DESQO™** server. It is also **possible to operate in Peer to Peer** mode without the need for any Server.

AFD Automatic Fault Detection

Periodic automatic check of all elements, including loudspeaker and microphone audio test. Good working status is indicated by a symbol on the display, which changes in the event of a general failure or lethal failure.

OPTIONS

An optional alarm relay can be activated in the event of a fault.

CLEANVOX-ip™ TEL251TD is designed to be easily installed in most of the structures used in clean rooms. A stainless-steel frame for wall surface mounting is also available.

CLEANVOX-ip™ TEL251TD is suitable for mounting in cleanrooms classified according to ISO 14644-1, BS 5295, US FED STD 209E standards.

Complies with the most stringent standards for electromagnetic compatibility:

EN55011:2007+A2:2007; EN55022:2006 +A1:2007;
EN55024:1998+A1:2001+A2:2003; EN61000-6-2:2005; EN61000-6-4:2007

Protection index [IEC 60529] IP66-IP67
Body material:...........................stainless-steel INOX + microban©
Operating temperatures: .... -20°C +70°C
Mounting: .... flush-mounting
Termination: ....screw terminals
Weight: .... 2,0 kg
Dimensions: .... 125 x 280 x 33 mm (front plate 2mm)
Wiring: RJ45
Dimensions: .... 125 x 280 x 33 mm (front plate 2mm)

ORDER CODES

TEL251TD-Sip ....full keypad + display