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# Professional IP42 Robust Main Station VoIP (Sip) PoE for Control Rooms model TEL161TD-Sip-Plus

## CONTROLPHONE-ip™



The **CONTROLPHONE™** series stems from over 30 years of experience in designing and manufacturing special communication terminals, intended for installation in the most challenging environments. These **robust industrial professional phones are designed for use in control rooms** of industrial facilities.

TEL161TD-Sip-Plus can both work **associated to a Sip Server or in server-less configuration** if associated to other equipment from our range of products.

Protection Rating: ..... IP42 [EN 60529]  
Phone Body: ..... aluminum + polycarbonate  
Keypad: ..... aluminum buttons IP66 & IK10  
Handset: ..... polycarbonate  
Handset Cord: ..... extendable  
Mounting: ..... table-top  
Connection: ..... RJ45  
Dimensions: ..... 339 x 187 x 95 mm  
Weight: ..... 1.5 kg  
Operating Temperature: ..... -10°C ÷ +55°C  
MTBF: ..... 150,000 hours  
MTTR: ..... 5 minutes

### ORDER CODES

TEL161TD-Sip-Plus: ..... 4" touch screen

252022: ..... wall mounting bracket

**TEL161TD-Sip-Plus** is a professional VoIP (SIP) desktop-mounted phone suitable **for installation in Emergency and Control Rooms**. It features an **aluminum body and a durable metal keypad**, with a handset for private conversations and an **Automatic Fault Detection (AFD)** function that includes audio testing for both the microphone and handset. It is **compatible with TelDia™**.

### MECHANICAL PROTECTION

The body of the **TEL161TD-Sip-Plus** is made of aluminum, with individually robust metal buttons. The **keypad is IP66 protected**, while the **entire phone is IP42 protected**.

### MAIN FEATURES

Equipped with the native VoIP electronic board XCS-182 version 2024-1, HD Voice, ready for DESQO™.

Protocol: ..... SIP  
Power Supply: ..... PoE (IEEE 802.3af)  
Codecs: ..... G711A-U, G722, Speex, G729  
SIP Servers: ..... up to 3 SIP servers  
Echo Canceller: ..... AEC  
Ringtone: ..... up to 85dB@1m, adjustable  
Hook: ..... magnetic  
Programming: ..... via webpage  
Input: ..... No. 1 RJ45 PoE  
Output: ..... No. 1 RJ45 PoE (max 2W)

### KEYPAD AND TOUCH SCREEN

The phone is equipped with a full telephone keypad with 16 individual aluminum buttons, Ø16 mm.

- 12 buttons (\*, #, 0, 1...9)
- Volume control buttons V+, V-
- Hook button
- PTT button (optional)

At the bottom of the 4-inch touch screen, there are 4 additional metal buttons, Ø 13 mm, labeled F1, F2, F3, and F4. These buttons can be assigned user-selected functions.

### AFD - Automatic Fault Detection

**AFD is the automatic periodic testing feature** for all functions and key devices of the phone, including audio testing of the microphone and handset.

### DESQO™ and TelDia™

The **CONTROLPHONE™** series is ready to be controlled by the IP platform **DESQO™**.

The **TelDia™ application offers real-time monitoring** of an entire fleet of phones, with interfaces to third-party supervisory systems if required.