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# Weather-proof IP66 analogue telephone wall or flush-mounting, shock-proof IK10 with auto fault-detection & audio test model TEL246TP

## STEELPHONE®



### AVAILABLE COLORS

| YELLOW<br>RAL1023 | GREY<br>RAL7030 | BLACK<br>RAL9005 | RED<br>RAL3020 | ORANGE<br>RAL2003 |
|-------------------|-----------------|------------------|----------------|-------------------|
|                   |                 |                  |                |                   |

**STEELPHONE®** comes from over 20 years of experience in designing and manufacturing specialized communication terminals, to be installed in the hardest areas in the world: Mines, Marine, Steel-Works, Prisons, Tunnels.

Protection index: ..... IP66 [EN 60529]  
Impacts resistance: ..... IK10 [EN 60068]  
MTBF: ..... 180.000 hours  
MTTR: ..... 3 minutes  
Handset & Body materials: ..... aluminum + stainless steel  
Handset's cord: ..... stainless-steel flexible cord (200kg resistance)  
Dimensions TEL246TF: ..... 260 x 180 x 137 mm  
Dimensions TEL246TP: ..... 311 x 214 x 132 mm  
Weight: ..... 4,85 kg  
Operating temperature: ..... -40°C ÷ +70°C

### ORDER CODES

TEL246TP ..... wall mounting, with keypad  
Option JK ..... Jack for headset  
Option R ..... Relay activated on DTMF password

**STEELPHONE®** series is a weather-proof **IP66** and vandal-resistant **IK10** Emergency & Service Industrial Smart Analogue Telephone, integrally made of aluminum and INOX stainless-steel. **STEELPHONE®** telephones are designed for a lifetime of 20 years in harsh industrial environment.

The **handset made of aluminum** is equipped with a flexible steel cord with breaking load of 200kg. The keyboard is supported by a stainless steel plate of 2mm thickness, and it is composed of 15 single **metal buttons**, resistant to shocks and vandalism.

### Main Features

Powered by telephone line: ..... 12÷60 Vdc  
Ringing voltage: ..... 25÷100 V<sub>EFF</sub>  
Dialling: ..... DTMF  
Electronic Bell: ..... up to 90dB@1m, adjustable  
Hook: ..... magnetic, high protection  
Programmable: ..... 100% remotely programmable by DTMF

### AFD - Automatic Fault-detection

The **AFD** (Automatic Fault Detection) function allows to keep under control all main functions and live parameters of the telephone, including the **audio test of microphone and earpiece**. The test is done periodically, on the base of the programmed user's scheduling. The state of good service is constantly shown by the flashing blue LED. The **specialized software TelDia®** can be used to keep under control a large fleet of emergency telephones, from a remote desktop.

### Automatic hang-up

Automatic hang-up when the handset is abandoned in a wrong position.

### Extended Keypad

15 keys keypad, with single aluminum buttons, with double function activated by the button Fn:

- 12 buttons (\*, #, 0,1...9)
- R (flash), RP (last number redial)
- Pre-memorized call buttons (M1÷M8)
- Volume adjustment V+, V-
- Hook key
- Door opening button, on DTMF password
- Red LED indicating "on line" or "incoming call"
- Blue LED indicating fault conditions
- Noise cancelling circuit

### Options

- AFD – Automatic Fault Detection
- Jack for external Head-set with microphone
- Booster amplifier (requires auxiliary +12Vdc)
- Auxiliary hook contact
- Call repeating relay for external repeaters
- Remote command relay on password DTMF
- Remote diagnostic software TelDia®