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# Smart VoIP Hands-Free telephone watertight IP66 & shockproof IK10, Automatic Fault Detection & Remote Interrogation, model TEL487T-Sip

## HARDYVOX-ip™



### AVAILABLE COLORS

YELLOW RAL1023	GREY RAL7030	BLACK RAL9005	RED RAL3020	ORANGE RAL2003
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Protection index: ..... IP66 [EN 60529]  
Shock resistance:..... IK10 [EN 60068]  
Mx. Relative Humidity [EN 60068-2-30] .....98%  
Operating temperatures: .....-40°C ÷ +70°C  
Material: ..... aluminum  
MTBF: ..... >180.000 hours  
MTTR: ..... 3 minutes  
Dimensions: ..... 300 x 160 x 67 mm  
Weight: ..... 3,6 kg  
Cables entrance: .....2threaded holes M20 with cableglad

**HARDYVOX-ip™** is a **SMART** VoIP hands-free telephone, made with a strong **ALUMINUM** body (5 mm) vandal-resistant and resistant to shocks **IK10**, with **IP66** protection. The family **HARDYVOX-ip™** is for wall mounting.

The family **HARDYVOX-ip™** ensures a **high quality of conversation** in industrial environments with **high ambient noise**.

**HARDYVOX-ip®** is vastly used both to carry out functions of **Service & SOS Emergency**. It supports up to **three relays** activated by **DTMF password**.

The model **TEL487T-Sip** is equipped with a full keypad. The **HARDYVOX-ip™** range includes numerous variants, including a version with 1 to 8 autodialing buttons.

### TEL487T (Full 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, or hands-free mode (on TLS457TV only)
- Door opening button, on DTMF password
- Red LED indicating "on line" or "incoming call"
- Blue LED indicating fault conditions

### Electrical Characteristics

Equipped with the native VoIP electronic card XCS-182 release 2022-1, HD Voice, DESQO™ ready.

Protocol:.....SIP  
Power:.....PoE or 12Vdc  
SIP Servers:.....up to 3 SIP servers  
Electronic Bell: .....up to 95dB@1m, adjustable  
Hook: .....magnetic, high protection  
Programmable: ..... webpage

### Additional functions (options)

- Auto Fault detection with audio local test
- Auxiliary hook contact
- Fault alarm relay
- 0dB audio output
- Remote diagnostic interrogation by TelDia®

### Automatic Fault-Detection function:

The telephone can be equipped with the optional function of "**fault detection**", so that all the parameters of the telephone are periodically tasted, including the audio-test of microphone and loudspeaker. A **Blue LED** is flashing to show that the telephone is in good working conditions. The status of the telephone can be remotely interrogated by the specialized **software TelDia®**.

### ORDER CODES

TEL487M1-Sip..... 1 button  
TEL487M2-Sip.....2 buttons  
TEL487M4-Sip.....4 buttons  
TEL487M8-Sip.....8 buttons  
TEL487T-Sip ..... full telephone keypad