

# **TELEINDUSTRIA** srl

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# Smart analogue Hands-Free telephone watertight IP66 & shockproof IK10, Fault Detection & Remote Interrogation model TEL487M4

# **HARDYVOX®**





















AVAILABLE COLORS					
YELLOW	GREY	BLACK	RED	ORANGE	
RAL1023	RAL7030	RAL9005	RAL3020	RAL2003	

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:	alluminium
MTBF:	>180.000 hours
MTTR:	3 minutes
Dimensions:	300 x 160 x 67 mm
Weight:	3,6 kg
Cables entrance:2threaded	d holes M20 with cablegland

**HARDYVOX**® is a **SMART** analogue **Full-Duplex hands-free** telephone, made with a **strong ALUMINUM body** (5 mm) vandal-resistant and resistant to shocks **IK10**, with **IP66** protection. The family **HARDY-VOX**® is for wall mounting.

Equipped with the **SMART electronic card XCS-91-30**, **HARDYVOX**® ensures a **high quality of conversation** in industrial environments with high ambient noise.

Thanks to the considerable amount of functions and to the very high reliability (MTBF> 150.000 hours) **HARDYVOX**® is vastly used both to carry out service functions, both for the SOS emergency and service.

**HARDYVOX**® supports up to **three relays** activated by **DTMF password**.

#### TEL487M4 (4 buttons)

**TEL487M4** is equipped with **4 buttons** for **automatic dialing of one or more pre-stored telephone numbers**. If programmed appropriately, the button can be used to manually answer incoming calls. However, you can program the phone to **automatically answer** after a predetermined number of ring tones.

- Red LED indicating "online" status
- Blue LED indicating good working conditions or failure

#### **MAIN FEATURES**

**HARDYVOX**® is compatible with any analog port of a PBX (FXS) or any PSTN subscriber's line.

Powered by the telephone I	ine:12÷60 Vdc
	25÷100 VEFF
Dialing:	DTMF
Electronic Bell:	85dB at 1 m
Autoreply:	programmable, 1÷90 rings
Hang-up:	automatic at the end of conversation
Programmable:	100% remotely programmable

### **OPTIONS**

- Auto Fault detection with audio local test
- Booster amplifier (requires auxiliary 12Vdc)
- Auxiliary hook contact
- Up to 3 Relais activated on DTMF passwords
- Remote diagnostic interrogation by TelDia®
- Fault alarm relay (FAR-01) at 12Vdc

# **AFD** - Automatic Fault-Detection

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	1 button
TEL487M2	2 buttons
TEL487M4	4 buttons
TEL487M8	8 buttons
TEL487T	full telephone keypad