Weather-proof IP66 VoIP SMART industrial telephone, shock-proof IK10 with auto fault-detection & audio test model TEL457M0-Sip

HARDYPHONE-ip®

HARDYPHONE-ip® is a **SMART native VoIP** industrial telephone, with a very strong body made of aluminum (thickness 5mm) vandal resistant and shock proof **IK10**, weather-proof **IP66**.

Designed for **20 years life** in heavy industrial areas. An unusual feature of the **HARDYPHONE-ip®** series is the **handset entirely made of aluminum**, with a stainless steel cord capable of supporting a **pulling force of over 200kg**.

Even the keyboard, with **single aluminum keys**, offers characteristics of high strength and impact resistance.

MAIN 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

REDUCED KEYPAD

HARDYPHONE® TEL457M0-Sip is an Holt-Line version without keypad, lifting the handset the telephone will dial pre-stored telephone numbers. The stored numbers can be easily memorized via webpage, or throuhg any other telephone, following a simple procedure. The telephone is equipped with a dual color LED:

• Red LED indicating "on line" or "incoming call"
• Blue LED indicating fault conditions

The **HARDYPHONE®** series can be supplied on demand with 1 to 4 emergency push-buttons (**TEL457M1..M4**) and a personalized graphic on the front panel.

HANDSET	HANDS-FREE	95 dB	°C -40 +70	IP66	IK10

AVAILABLE COLORS

YELLOW RAL1023	GREY RAL7030	BLACK RAL9005	RED RAL3020	ORANGE RAL2003

The "**457**" series of **HARDYPHONE®** is the result of over **25 years of experience** in the design and production of specialized communication terminals, designed to be installed in the most difficult areas of the world: **Off-Shore, Mining, Naval, Steelworks, Railways, Tunnels**.

MTBF: .... >180.000 hours
MTTR:.. 3 minutes
IP-rating: ....IP66 [EN 60529]
Impacts resistance: .... IK10 [EN 60068]
Max relative humidity: .... 98% [EN 60068]
Operating temperatures:.........................-40°C ÷ +70°C
Body:... aluminum 5mm
Handset: .... aluminum 3mm
Handset's cord:...................stainless steel INOX, resistance 200kg
Dimensions:...............................190x240x117 mm
Weight:..3,6 kg
Cables entrances:................. 2 holes M20 (1 cablegland + 1 plug)

OPTIONAL FUNCTIONS

• External Head-set jack
• Local audio test and Fault-Detetction
• Auxiliary hook contact
• Call repeating relay for external repeaters
• Remote command relay on password DTMF
• Remote diagnostic software TelDia®

AFD - Automatic Fault-detection

AFD is the function of **automatic periodical test** of all the functions and main devices of the telephone, including **audio test of microphone and earpiece**. The state of service is indicated by the flashing **blue LED**. A Fault-Relay module (model FAR-01) is available on demand.

ORDER CODES