

# SMART INDUSTRIAL TELEPHONE

## MODEL WMHS-III

**SMART INDUSTRIAL TELEPHONE** (WMHS-III) is a practical communication solution for people in different locations who need to stay in contact. These units are fully line powered and do not require an internal battery or external power source. They are designed for use in industrial locations and are ideal for noisy areas due to unique NOISE CANCELING FEATURE.

**SMART INDUSTRIAL TELEPHONE** (WMHS-III) provides dependable, high quality communications where standard telephones are not suitable. They are equipped with magnetic reed hook switch with no moving parts and a sealed Non tactile keypad to keep out dust, dirt and moisture. The sealed electronic ringer also prevents dust from entering the unit.

**SMART INDUSTRIAL TELEPHONES** are constructed of a high-impact, 16 gauge steel enclosure with integrated canopy and an industrial strength one-meter handset cord. The stainless steel handset cord remains flexible in the most extreme temperatures, unlike PVC cords that are limited to minimum pull strength and begin to deteriorate fast. It is essential for growing organisations because of its unique features and is proposed to be used in conjunction with **SMART MASTER CONTROL STATION (MCS-III) OR WITH PLANT EPABX** (The backbone of every establishment's communication.)



### OPERATIONS:

#### TO MAKE A CALL: -

- Lift the handset, hear the dial tone.
- Dial desired extension number & communicate.
- Replace handset to disconnect the active call.

#### INCOMING CALL: -

- From any phone dial the extension number of SMART INDUSTRIAL TELEPHONE.
- An electronic ringer will Ring up giving a ringer tone.
- Communication will be established when called party lifts the receiver.
- Replacing the receiver on cradle will reset the PHONE.

### VERSATILE APPLICATIONS

\* Cement Plants. \* Mines. \* Petrochemical Refineries. \* Chemical Plants. \* Construction Sites.  
\* Steel Plants. \* Spinning Yarns \* Fertilizer Plants. \* Sugar Mills. \* Power Generation Facilities  
\* Pulp & Paper Mills \* Food Processing Plant \* Warehouses \* Recreation Facilities \* Hydroelectric  
Facilities \* Drilling Rigs \* Ammonia Storage Area \* Process industries \* ANY LARGE AND  
MEDIUM SCALE INDUSTRIAL UNITS.

### ACCESSORIES AND OPTIONS

- External Loudringer/Flasher Unit.
- Color selection (subject to minimum quantities).
- All other accessories are supplied as per specific requirements.

## SMART CHOICE: -

- Simple Installation
- Simple Operation
- One piece waterproof non tactile keypad.
- Magnetic reed hook-switch reduces moving parts subject to wear.
- 16 gauge rugged steel powder coated construction.
- Heavy industrial ABS handset & SS cord.
- Noise canceling microphone.
- A service temperature range from 0 to +60 o C.
- Encapsulated circuit boards impervious to water and condensation.
- Environment Protected.
- Single PCB design for plug n play operation.
- Easy troubleshooting ensuring minimum downtime.
- External contact provided to CONNECT **SMART** EXTERNAL LOUD RINGER.

## SPECIFICATIONS: -

### Electrical requirements

Ringer sensitivity	40 – 100 V @ 16 – 25 Hz.
Line voltage	24 – 56 VDC.
Loop current	20 - 120 mA.
Connection method	PCB terminal block.
Fuse	0.25 Amp 2AG fast blow.

### Environmental

Temperature	0 to +60 C.
Humidity	0 to 95% Rh non-condensing.
Dustproof enclosure	Fully gasketed.

### Mechanical

Hook switch (magnetic reed) life	>1 000 000 operations.
Body construction	16 SWG steel, powder coated.
Dimensions	360 x 160 x 180 mm.
Net weight	5 kgs.
Handset material	High impact ABS.
Microphone	Noise reducing dynamic.
Standard mounting	Vertical wall.
Hardware material	Stainless steel.
Handset cord	Stainless steel.

**CONFIRMING TO IP 65-DEGREE PROTECTION.**

**INDUSTRIAL COMMUNICATIONS SIMPLIFIED .**

# Cables & Wireless Co.

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“(Specifications and description subjected to change without prior notice)”