

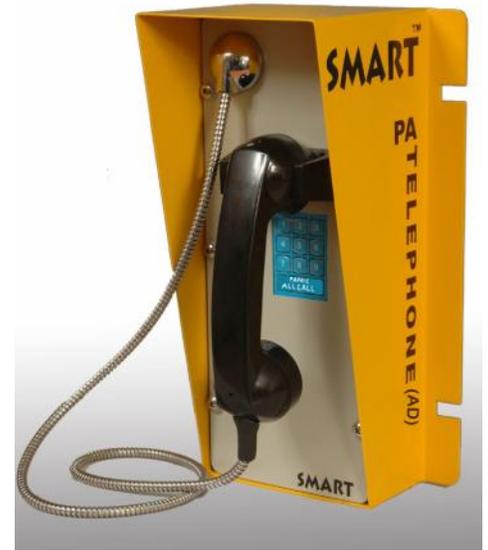
# SMART

# PA TELEPHONE MODEL WMHS-IIAD

**SMART PA TELEPHONE** (WMHS-IIAD) addressable type PA TELEPHONE is a multi location operating unit by construction with built in public address system, works as a page phone unit. This phone has a built in amplifier, which is connected to external loudspeaker horn and works on either 220 volts AC or 110 Volts AC. All stations are connected in parallel loop and system may be expanded by extending signal cable from any nearest unit. Upto 9 units can be connected in the system. One has to just lift the handset of any unit, from the keypad PRESS (1-9) to select any other PA Telephone, after the call matures automatically, make necessary paging announcement. The communication between the calling party and the called party is in private mode, when the called party lifts the handset. To make panic/all call paging announcement lift the hand set of any unit press the panic/all call button make the necessary announcement, replacing the handset on cradle will disconnect the call.

**SMART PA TELEPHONE** (WMHS-IIAD) disconnects automatically if the calling party disconnects the call. The announcement is made at specified location only. Incoming call from the PA telephone is in paging mode, while paging is going on just lift the receiver to receive the call.

This system is based on distributed amplifier design concept. Each unit contains a Single PCB for driving speakers. This configuration offers a major advantage: when any set is inoperable, only the associated speaker will not work; all other units in the system will continue to broadcast page.



## OPERATIONS:

### 1. INCOMING/OUTGOING CALL: -

- Lift the handset of any SMART PA TELEPHONE.
- Press (1-9) from the keypad of the SMART PA TELEPHONE to select any desired unit, make the necessary announcement in the selected SMART PA TELEPHONE
- Communication will be in private mode when the handset of the called unit is lifted off the cradle.
- Replace handset to disconnect the active call.

### 2. PANIC/ALL CALL: -

- Lift the handset of any SMART PA TELEPHONE.
- Press the PANIC/ALL CALL BUTTON. All other ON-HOOK units will activate automatically & go to the paging mode.
- Make the necessary paging announcement.
- Replace the handset after making the announcement to disconnect the active call.

## 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 Loudspeaker Horn.
- Color selection (subject to minimum quantities).

## SMART CHOICE: -

- Simple Installation.
- Simple Operation.
- One-piece waterproof non-tactile keypad, for selecting any set(1-9)
- PANIC/ALL CALL button for making panic/all call paging announcement.
- 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 type microphone.
- A service temperature range from 0 to +60 o C.
- Environment Protected.
- Single PCB design for plug & play operation.
- Easy troubleshooting ensuring minimum downtime.

**“Upto nine units can be connected in parallel”**

## SPECIFICATIONS: -

### Electrical Requirement:-

Power Source:	220 V AC / 110 V AC (SWITCH ABLE).
Power consumption:	< 35 Watts.
Stand by consumption:	< 5 Watts.
Amplifier:	30 Watts (RMS).
Horn Speaker:	60 watts, 8 ohms.
Handset:	Standard hand set, four feet stainless steel Armour tube.
Insulation:	600 v for 3 min between power source & signal line.
UPS LOAD	50VA (RMS) PEAK 90 VA.

### Mechanical Specifications:-

Dimensions:	360 X 160 X 180 (in mm).
Weight:	5 Kgs.
Construction:	16 SWG Powder Coated Steel Body.
Cradle:	Al-Alloy with Magnetic reed switch.
Hand set construction:	High impact ABS.
Standard mounting:	Vertical wall / panel.
Microphone:	Noise canceling dynamic.

### Environmental:-

Moisture Resistance:	0 to 95% humidity with PCB conformal coated.
Temperature Range:	0 to +60C.
Dust resistance:	Fully weather proof enclosure.

**INDUSTRIAL COMMUNICATIONS SIMPLIFIED .**

## **Cables & Wireless Co.**

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